An abstract graphic design featuring a series of overlapping, curved, and layered red and black shapes that create a sense of depth and movement, resembling a stylized, modern architectural structure or a dynamic wave. The design is set against a white background.

PRODUCT SELECTION GUIDE

EDITION 11



Acuity Brands is the North American market leader and one of the world's leading providers of innovative lighting systems. With our comprehensive portfolio and proven expertise in indoor and outdoor luminaires, controls and daylighting, we provide customers with integrated, intelligent solutions from one company.

Our brands include:

LIGHTING



ACUITY CONTROLS & SYSTEMS



TECHNOLOGIES



To learn more about our portfolio of brands, please visit www.acuitybrands.com.

TOTAL **SOLUTIONS PROVIDER**

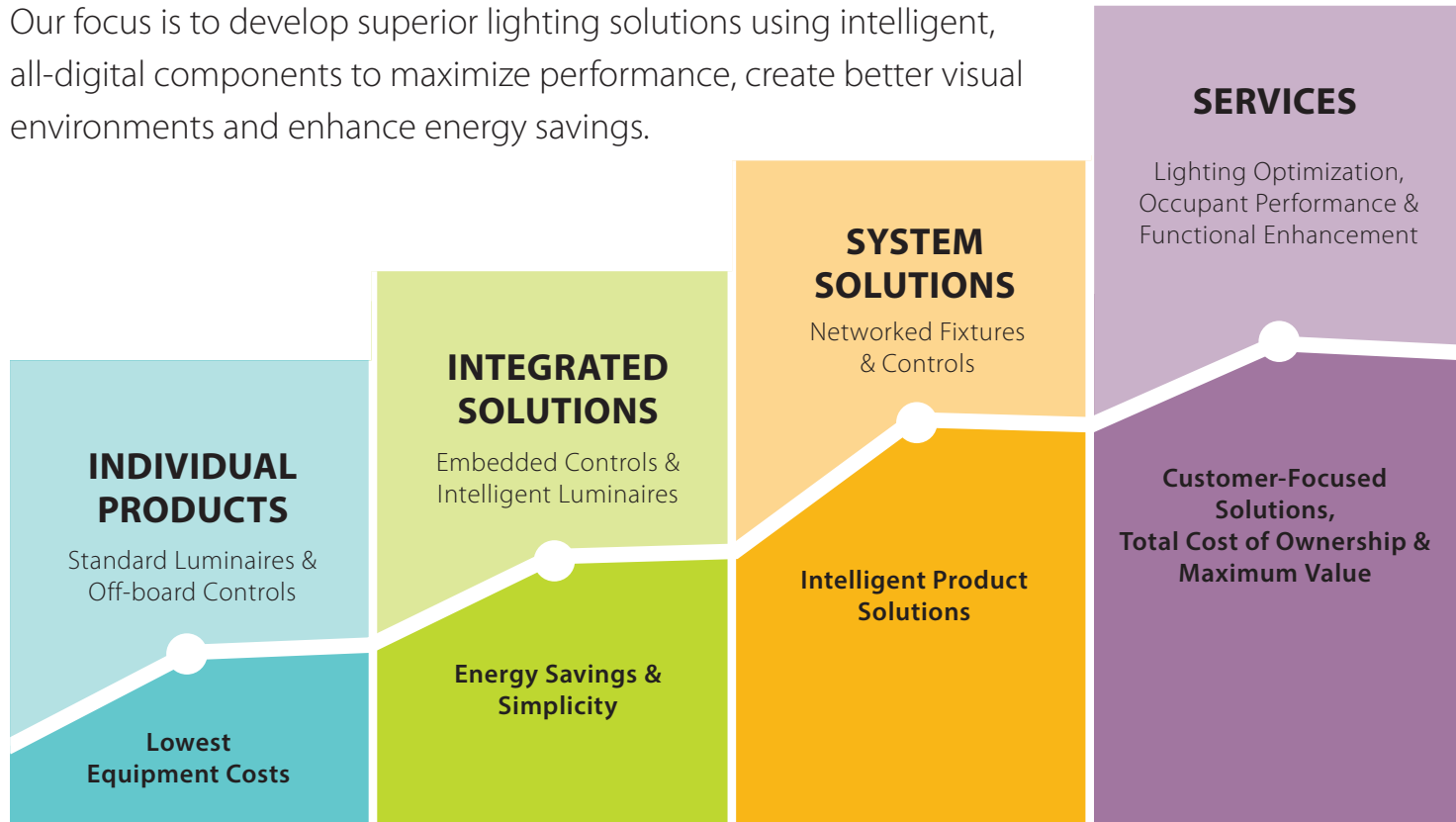
Acuity Brands is uniquely positioned to develop, deliver and support the industry's most innovative, energy-efficient, high-performance and quality conventional and digital lighting solutions.

We are universally recognized – by lighting specifiers, facility managers, contractors and end users around the world – as a leading provider of advanced lighting technologies, systems and solutions for indoor and outdoor environments. We accomplish this through our strengths in innovative products, customer-focused applications and superior service.



DIGITAL SOLUTIONS

Our focus is to develop superior lighting solutions using intelligent, all-digital components to maximize performance, create better visual environments and enhance energy savings.



SOLUTION TIERS

INDIVIDUAL PRODUCTS

At the fixture level, LED lighting offers energy savings versus non-LED sources by virtue of greater efficacy and the ability to precisely distribute light where it is needed, often reducing connected wattage by 50% or more. Automatic controls provide light only when it is needed, allowing compliance to new codes and power savings.

INTEGRATED SOLUTIONS

An integrated solution is when intelligent fixtures with embedded controls deliver code compliance at the lowest installed cost for the simplest design and installation experience.

SYSTEM SOLUTIONS

Systems include a series of intelligent elements designed to work seamlessly together, providing optimized outcomes through the coordinated installation of lighting, daylighting, controls, power wiring and networking technologies.

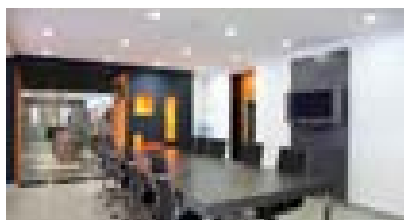
SERVICES

Lighting as a managed network requires engineering, manufacturing and support services that assure design intent, optimized total cost of ownership and technology upgrades delivered throughout the building life-cycle, for all aspects of the solution.



MARKET SOLUTIONS

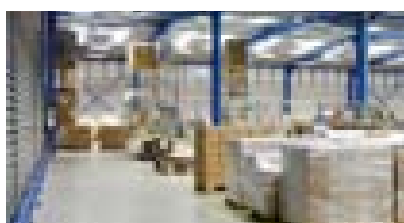
We deliver complete lighting solutions, for indoor and outdoor applications, across a variety of key market segments.



COMMERCIAL



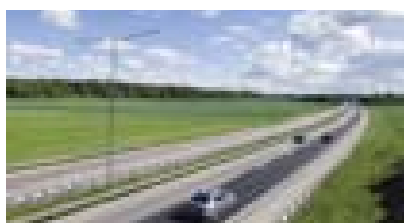
RETAIL



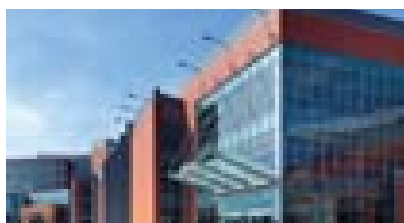
INDUSTRIAL



EDUCATION



ROADWAY



HEALTHCARE





As a leading provider of lighting renovation solutions, Acuity Brands has renovated lighting applications in more than 10,000 facilities.

Our ability to customize these solutions translates into multiple benefits:



ENERGY SAVINGS



MAINTENANCE SAVINGS



ENHANCED SAFETY



LONG-TERM VERSATILITY



**OPTIMIZED TOTAL
COST OF OWNERSHIP**



IMPROVED PRODUCTIVITY

SERVICE SOLUTIONS

Our goal is to provide exceptional service and support before, during and after the sale, while providing a customer experience that is smart and simple, end to end.

SPECIFICATION & ORDER SUPPORT

Acuity Brands supports specification and lighting design in multiple ways:



Our Visual® lighting software is a complete set of complementary, innovative lighting design software tools to deliver highly efficient, sustainable design methods and product applications. Engineered by Acuity Brands, Visual increases productivity and accuracy throughout the entire lighting design process.
www.acuitybrands.com/visual



Through our Centers for Light&Space, Acuity Brands continues to lead in lighting, controls and daylighting educational seminars. Our breadth of training capabilities and locations exposes all customers to our latest innovations that accentuate the architectural space, improve lighting quality and save energy.
www.acuitybrands.com/center-for-light-space



For our distributors, the Acuity Distributor Center provides easy access to product transactions including order status, inventory status and pricing information to save time and improve customer responsiveness.
<http://acuitydistributorcenter.com>

MANUFACTURING & ASSEMBLY

Acuity Brands maintains major, large-scale manufacturing facilities and additional specialty manufacturing facilities located across North America.

Our vertically integrated capabilities, which include Surface Mount Technology (SMT) for drivers and LED modules, allow us to provide rapid design and prototyping iterations, and deliver innovative electronic components at a faster pace.

Also, we operate six “just in time” Regional Manufacturing & Distribution Centers that are capable of assembling more than 100,000 made-to-order products, so we can offer a quick, local response.



DISTRIBUTION SERVICES

When you need products fast, Acuity Brands can meet your needs in virtually every category of lighting and controls with more than one million products in our QuickShip programs from Manufacturing & Distribution Centers around the country.



Our LightQuick® capabilities for Lithonia Lighting®, Gotham®, RELOC® Wiring, Acculamp® and Sensor Switch® products include a 48-hour ship promise on more than 100,000 stock and made-to-order products. And same-day shipment or Will Call pick-up on more than 1,000 stock products.

www.acuitybrands.com/lightquick



Other Acuity Brands QuickShip programs include:



ANTIQUE STREET LAMPS RapidShip Program

10-day shipment on select Antique Street Lamps™ products



HYDREL QuickShip Program

5-day shipment on select Hydrel® products



LIGHTING CONTROL & DESIGN RapidShip Program

2-day shipment on select Lighting Control & Design™ products



MARK ARCHITECTURAL LIGHTING On the Mark QuickShip Program

10-day shipment on select Mark Architectural Lighting™ products



PEERLESS QuickShip

10-day shipment with no surcharge or 5-day shipment with a small surcharge on select Peerless® products



WINONA QuickShip

10-day shipment on select Winona® products

To find out more about our QuickShip programs, visit www.acuitybrands.com/QuickShip.

TECHNICAL SUPPORT & POST SALES

Acuity Brands has designed its central technical support capability using a solutions-based approach, cross-training our staff in lighting and controls to address product specification and installation questions, as well as handle general troubleshooting. Our post-sales capabilities are aligned with our Regional Manufacturing and Distribution Centers (RMDC) to be closer to the customer to resolve problems and warranty issues after shipment.

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TERMS & SYMBOLS



LED

The LED symbol designates Acuity Brands® products utilizing innovative solid-state technology including LED and dimmable LED.



RGB

The RGB symbol designates dynamic color changing LED fixtures using red, green and blue chips to create thousands of possible colors using DMX512 controls.

eldoLED

eldoLED

The eldoLED symbol designates a family of high-performance, intelligent LED drivers for LED-based lighting systems. The drivers provide full-range dimming and advanced capabilities such as flicker-free dimming to off, optimum power efficiency, configurability and robust thermal management in a small footprint.



DesignLights Consortium

The DLC is a collaboration of utility companies and regional energy efficiency organizations with the goal to ensure that high-quality, energy-efficient lighting design becomes commonplace in all lighting installations. To see the DLC list of high-quality, high-efficiency LED products for the commercial sector, visit www.designlights.org.



ENERGY STAR

ENERGY STAR is a U.S. Environmental Protection Agency (EPA) voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency.



LED Lighting Facts

LED Lighting Facts is a program of the U.S. Department of Energy that showcases LED products for general illumination from manufacturers that commit to testing products and reporting performance results according to industry standards.



Nighttime Friendly

Nighttime Friendly™ designation focuses on no uplight and high-angle brightness. It requires laboratory test data based on IESNA standards and is consistent with LEED and Green Globes guidelines for environmental sustainability.



Contractor Select

The Contractor Select symbol is used to identify the products included in the Contractor Select Stock program.

All trademarks referenced are the property of their respective owners.



LITHONIA LIGHTING® COMMERCIAL INDOOR

For commercial and institutional applications, Lithonia Lighting manufactures the broadest, most innovative selection of LED and fluorescent products in the industry. When integrated with our Smart + Simple digital controls solutions, they represent the most advanced technology available for high-quality performance and energy-saving responsiveness. Lithonia Lighting products meet any budget, and are backed by our industry-leading service, technical expertise and support.



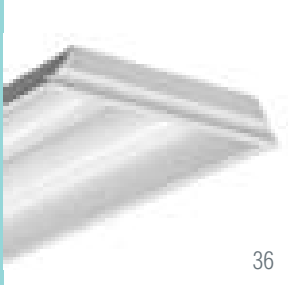
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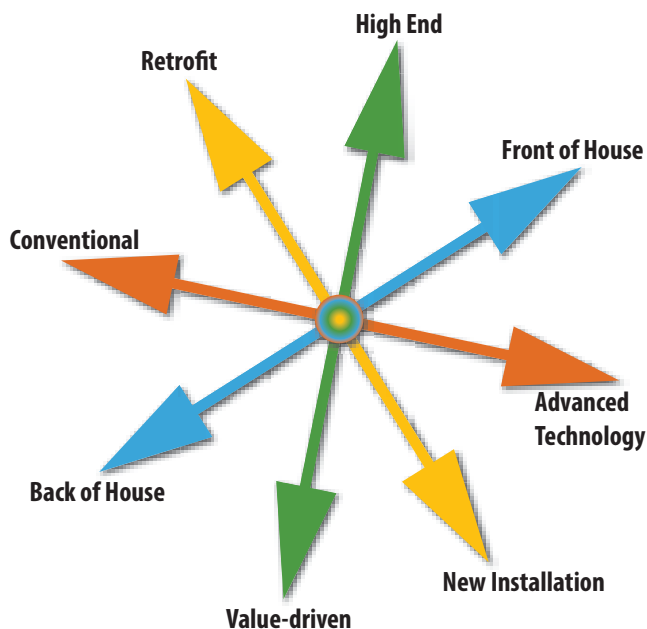
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Dimensions of a Lighting Solution

Lithonia Lighting offers one of the most comprehensive indoor ambient lighting portfolios, providing traditional or LED products that meet the many facets and decision points of a lighting application.



Advanced to Conventional Technology

Lithonia Lighting is the long-standing leader and innovator of linear fluorescent luminaires and controls solutions. This leadership extends with the addition of a broad line of differentiated and intelligently-controlled LED solutions.

Front-Of-The-House to Back-Of-The-House

The design solution for public areas may differ from those frequented only by employees. The broad product offering from Lithonia Lighting allows different product solutions throughout the space — all designed to be efficient.

High End to Value Driven

With several (and growing) architectural LED product families, numerous lensed troffers and surface-mounted product options; no one covers the entire value spectrum better than Lithonia Lighting.

New Installation to Retrofit

Achieve the same lighting effect through the use of a new luminaire or a Lithonia Lighting RELIGHT kit that retrofits into an existing fixture infrastructure.

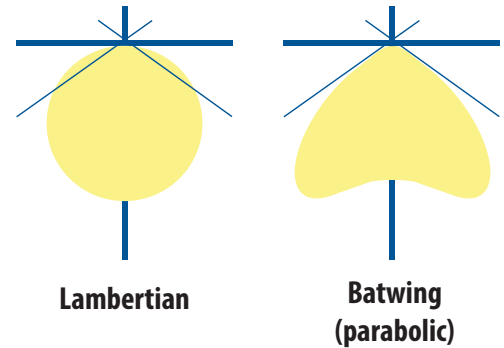


Lighting Distribution

Architectural lighting products distribute light in specific patterns.

Lambertian distribution is found in lensed troffers (not exclusive), diffused surfaces and lenses.

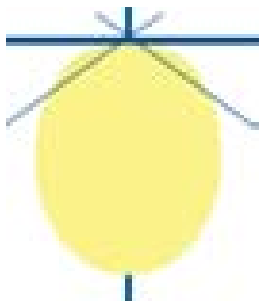
Batwing distribution is frequently used in parabolic fixtures.



Volumetric Lighting

Lambertian and batwing distributions have long effectively illuminated our spaces. Lithonia Lighting has championed the application of an “advanced lambertian” distribution that we call “volumetric lighting”.

Volumetric lighting provides the optimal balance of directional and diffuse light from a high-performing light source to enhance the interior space. The directional light provides spatial definition and clarity. The diffuse light is reflected throughout the space to create a softer, more comfortable luminous environment.



Volumetric

Volumetric lighting is ideal for offices, schools, hospitals, retail, and other workspaces because it enhances the environment with a more even distribution of light to eliminate glare and dark spots. The result is a more comfortable environment, with a quiet ceiling, and walls and other vertical surfaces illuminated smoothly from top to bottom.

The volumetric solution provides extra punch below 30° to maximize application efficiency while directing more light above 70°, smoothly illuminating the wall up to the ceiling.



Smart+Simple

LED lighting can provide tremendous savings directly through reduced energy use and maintenance costs. Its adaptability for use in a broad range of applications, and its digital ability to be controlled precisely for economics or aesthetics make it a viable solution.

Our Smart+Simple approach to integrated lighting, lighting controls and embedded smart technology means whether in one room or multiple rooms, and over a vast array of applications, digital technology is responsive to specific demands. Integrated seamlessly, this technology allows you to closely manage your lighting assets for significant energy savings while improving the user environment.

The technology also creates viability far into the future, thanks to built-in flexibility, guaranteed system compatibility across product lines, plus unprecedented connectivity, portability and functionality.

Smart+Simple Components

- **LED luminaires:** Embedded controls manage lighting quality, power consumption and operational life.
- **Controls:** Help manage energy consumption and provide unprecedented design, installation and user interface simplicity.
- **Sensors:** Technologies and network-system devices integrate with LED luminaires.
- **Software options:** Program, modify and monitor lighting for improved energy savings.



Advanced Controls Solutions Take Savings to the Extreme

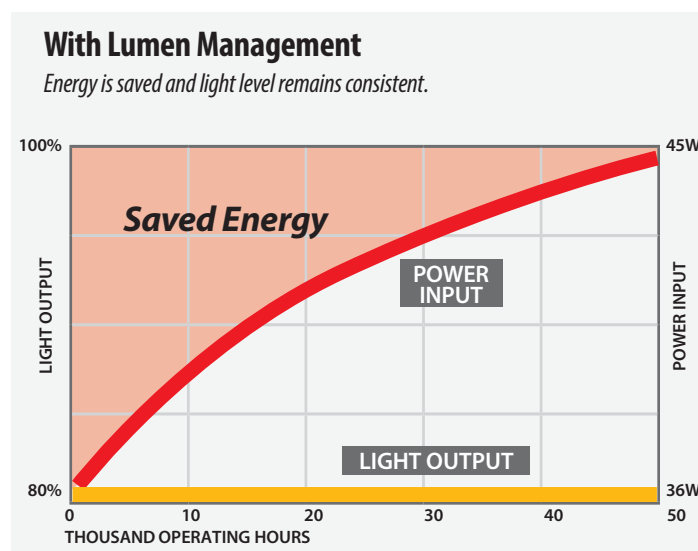
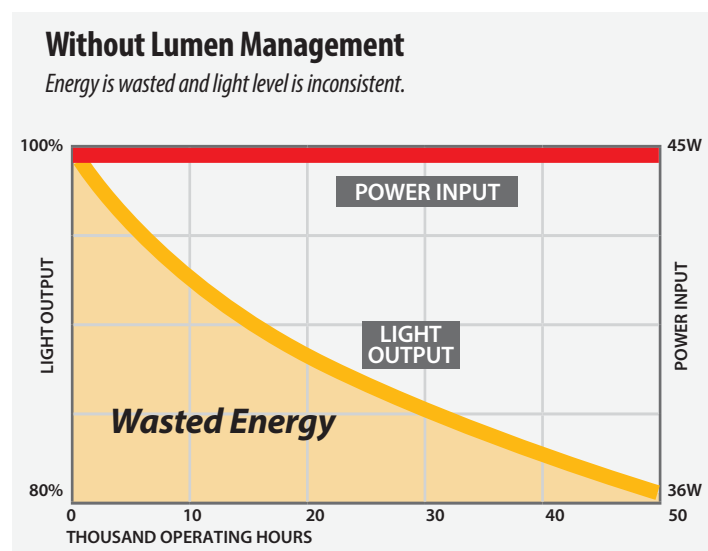
Today's digital lighting technology allows us to configure the use of light in ways like never before. From the simplest occupancy sensors and photocontrols to the most sophisticated systems used to manage entire buildings and campuses, Lithonia Lighting products allow you to tailor your lighting down to the last lumen.

It's all thanks to system integration. Luminaires and the controls that adjust their output are connected organically, managing timing and intensity in new ways that optimize lighting utilization and performance over time. Even our daylighting solutions are advanced, using prismatic and ultra-reflective surfaces to harvest natural light and control it along with electric sources.

Digital Lumen Management

Embedded nLight® logic underdrives the luminaire (digital lumen management) to deliver constant lumen output over system life while maximizing energy savings.

Design your next application to "maintained footcandle" levels from day one — no need to over-light the space; the embedded nIO LED driver eliminates waste.



Companion Products

Surface Mount

Only Lithonia Lighting® lets you personalize your space with so many options — even in those hard-to-design-in spaces where recessed is not an option, i.e. prohibitive construction material, plenums that are better left undisturbed or where other obstructions in the plenum make recessed installation impossible.

Use low-profile surface-mount products as part of the overall design, or use them to match existing recessed luminaires.

2'x4', 2'x2' and 1'x4':

- Superior construction. Plasma-welded corners for a clean, finished appearance.
- Shallow profile housing. 4.7" overall depth, give hard-ceiling applications an unobtrusive design.
- Smart + Simple Lighting. Select nLight® bi-level dimming or standard 0-10V dimming where applications allow.

Wraps & Wall Brackets:

- Available in 2' or 4' configurations with LED or fluorescent light sources.
- Surface, stem or suspended mounting options (architectural ST Series Volumetric).
- Smart + Simple Lighting. W Series LED (WL) integral control options include a PIR motion sensor, passive dual technology (PDT) for sound and motion, and a daylight harvesting photocell to ensure occupants are safe and comfortable in the environment.



RELIGHT (Retrofit + Appearance)

RELIGHT solutions for fluorescent and LED lighting look and perform like brand-new luminaires, but they install easily and quickly in existing recessed parabolic or lensed troffer locations.

RELIGHT is also an environmentally sound option, a commitment to REDUCE, REUSE & RECYCLE as many universal components as possible while going a step further to REVITALIZE your space for the following benefits:







- Visual acuity. Create a more productive environment by improving the quality of your indoor lighting.
- Comfort. Rejuvenate the look and feel of your space by upgrading to contemporary lighting that's proven to enhance the level of comfort below.
- Convenience. Retrofit your existing lighting with minimal disruption to your business.
- Economics. Reduce your energy use by as much as 67%, and enjoy reduced maintenance costs with fewer, longer-life light sources and fewer electrical components.

See pages 90-99 for more on RELIGHT













Recessed LED Product Overview















LENSED TROFFERS

		Source(s)	Distribution	Companion Product	Controls	RELIGHT
	GT Series	LED & Fluorescent		LBL Series		
	T Series	LED		TLX Surface Mount		

ARCHITECTURAL

		Source(s)	Distribution	Companion Product	Controls	RELIGHT
	FSL Series	LED		ST Series		
	AC Series	LED		ACLX Surface Mount		
	SBS Series	LED & Fluorescent		SBSLX Surface Mount		
	AL Series	LED & Fluorescent		1'x4', ALS & ALLS Surface Mount		

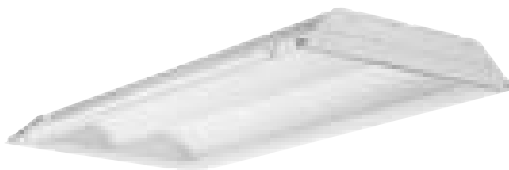
VOLUMETRIC ARCHITECTURAL

		Source(s)	Distribution	Companion Product	Controls	RELIGHT
	VT Series	LED & Fluorescent		ST Series, W Series, VTLX & VTX Surface Mount		
	RT Series	LED & Fluorescent		ST Series, W Series, RTLX, & RTX Surface Mount		
	Breez™ Series	LED				

Distribution Key: L=Lambertian; V=Volumetric

2BZL4

2'x4'



Intended Use

In a class of its own, Breez™ Series indirect architectural lighting is uniquely enabled by today's LEDs and advanced optical technologies. The graceful gull-wing reflector design and highly-reflective optical coating combine to create a fully-indirect, efficient optical system that is visually intriguing — yet congruous with contemporary minimalist design.

The patent-pending design delivers the spatial balance and visual clarity of volumetric lighting, creating a softer, more comfortable luminous environment by reducing shadows and improving spatial rendering. The optimal balance of horizontal and vertical illumination increases the perceived volume of the space making it ideal for retail, office and institutional applications.

Features

- 2'x4' configuration available in 4000, 4800 or 6000 lumens

- Low profile, 3-5/8" overall height for use in restrictive plenum applications
- No lens, diffuser or refractor to trap bugs or dust
- Fully-indirect LED source eliminates glare and provides a quiet ceiling
- Driver/electrical components are accessible from the floor
- Powder-coated cold-rolled steel, painted after fabrication for durability and consistency in appearance
- Enabled with nLight® technology making the luminaire digitally addressable for communication to other nLight control devices including lumen management

Listings

CSA Certified to meet U.S. and Canadian safety standards. Patents pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2BZL4 48L D46 LP835 N80

Series	Lumens ²	Voltage	Wattage ³	Color temperature	Controls	Options
2BZL4 LED 2x4'	40L 4000 lumens	(blank) MVOLT (120-277V)	D39 39W	LP830 82 CRI, 3000K ⁴	NX Dimming, no nLight	JP16 Palletized job pack qty. 16
	48L 4800 lumens		D46 46W	LP835 82 CRI, 3500K	BLD Bi-level dimming	
	60L 6000 lumens		D58 58W	LP840 82 CRI, 4000K	N80 nLight with 80% (L80) lumen management N100 nLight without lumen management	

ADDITIONAL INFORMATION

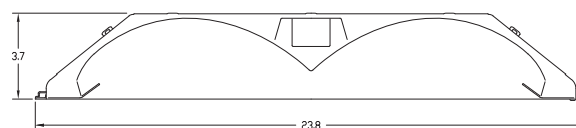
For additional product information, visit www.lithonia.com.

NLIGHT® CONTROL ACCESSORIES:

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR/dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Cat-5 cable bundles (plenum rated)	Model number
10', CAT5 10FT	CAT5 10FT J1
15', CAT5 15FT	CAT5 15FT J1

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES

ORDER SEPARATELY

DGA24 Drywall ceiling adaptor, unit installation for 2x4 fixture

Notes

- 1 Air function not available.
- 2 Approximate lumen output.
- 3 Actual wattage may differ by +/- 5% when operating between 120-277V +/- 10%.
- 4 Consult factory for lead time.

Intended Use

In a class of its own, Breez™ Series indirect architectural lighting is uniquely enabled by today's LEDs and advanced optical technologies. The graceful gull-wing reflector design and highly-reflective optical coating combine to create a fully-indirect, efficient optical system that is visually intriguing — yet congruous with contemporary minimalist design.

The patent-pending design delivers the spatial balance and visual clarity of volumetric lighting, creating a softer, more comfortable luminous environment by reducing shadows and improving spatial rendering. The optimal balance of horizontal and vertical illumination increases the perceived volume of the space making it ideal for retail, office and institutional applications.

Features

- 2'x2' configuration available in 2400, 3000, 3400 lumens



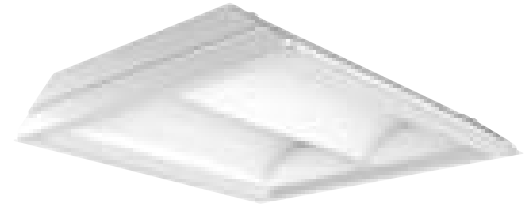
- Low profile, 3-5/8" overall height for use in restrictive plenum applications
- No lens, diffuser or refractor to trap bugs or dust
- Fully-indirect LED source eliminates glare and provides a quiet ceiling
- Driver/electrical components are accessible from the floor
- Powder-coated cold-rolled steel, painted after fabrication for durability and consistency in appearance
- Enabled with nLight® technology making the luminaire digitally addressable for communication to other nLight control devices including lumen management

Listings

CSA Certified to meet U.S. and Canadian safety standards.
Patents pending. DesignLights Consortium® qualified product.

2BZL2

2'x2'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2BZL2 34L D36 LP835 NX

Series	Lumens ²	Voltage	Wattage ³	Color temperature	Controls	Options
2BZL2 LED 2x2 ¹	24L 2400 lumens	(blank) MVOLT (120-277V)	D24 24W	LP830 82 CRI, 3000K ⁴	NX Dimming, no nLight	JP32 Palletized job pack qty. 32
	30L 3000 lumens		D33 33W	LP835 82 CRI, 3500K	BLD Bi-level dimming	
	34L 3400 lumens		D36 36W	LP840 82 CRI, 4000K	N80 nLight with 80% (L80) lumen management N100 nLight without lumen management	

ADDITIONAL INFORMATION

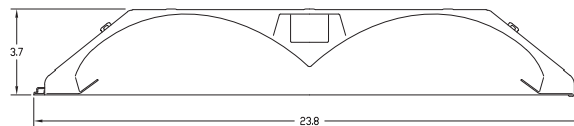
For additional product information, visit www.lithonia.com.

NLIGHT® CONTROL ACCESSORIES:

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR/dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Cat-5 cable bundles (plenum rated)	Model number
10', CAT5 10FT	CAT5 10FT J1
15', CAT5 15FT	CAT5 15FT J1

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**ACCESSORIES****ORDER SEPARATELY**

DGA22 Drywall ceiling adaptor, unit installation for 2x2 fixture

Notes

- 1 Air function not available.
- 2 Approximate lumen output.
- 3 Actual wattage may differ by +/- 5% when operating between 120-277V +/- 10%.
- 4 Consult factory for lead time.

2RTL

2'x2', 2'x4'



Intended Use

The RTL series combines the performance and benefits of Volumetric lighting with the energy and operating savings associated with LED systems.

Features

- Efficacy - up to 100 lpw
- Rated at L80 at 50,000 hours
- nLight® embedded controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols
- Unique lumen management system (option N80) provides onboard intelligence that actively manages the LED light

source so that constant lumen output is maintained over the system life

- Bi-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance
- Enhances the space with volumetric lighting-eliminates dark shadows and opens the space while providing improved vertical illumination

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing, Optional NOM certification contact factory. IC RATED. DesignLights Consortium® qualified product. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.



ORDERING INFORMATION

Specifications subject to change.

Example: 2RTL2 33L D38 LP835 N80

Series	Air function	Lumens ^{1,2}	Voltage	Wattage ^{1,2,4}	Color Temperature	Controls	Options
2RTL4 Recessed 2x4	(blank) Static	24L 2400 lumens	(blank) MVOLT (120-277V)	D24 24W	LP830 82 CRI, 3000K	NX Dimming, no nLight	EL14L 1400 lumen battery pack
2RTL2 Recessed 2x2	CAS Center air slots (air removal)	33L 3300 lumens	347 347V ^{3,4}	D38 38W	LP835 82 CRI, 3500K	BLD Bi-level dimming	CP Chicago Plenum
		40L 4000 lumens		D40 40W	LP840 82 CRI, 4000K	N80 nLight with 80% lumen management	
		48L 4800 lumens		D49 49W	LP850 82 CRI, 5000K	N80EMG nLight with 80% lumen management. For use with generator supply EM power	
						N100 nLight without lumen management	
						N100EMG nLight without lumen management. For use with generator supply EM power	

ADDITIONAL INFORMATION

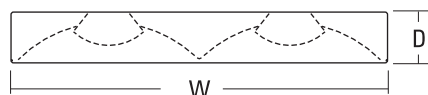
For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER
2RTL2	2 X 2	2400	24	3000	2RTL2 24L D24 LP830 NX
2RTL2	2 X 2	2400	24	3500	2RTL2 24L D24 LP835 NX
2RTL2	2 X 2	2400	24	4000	2RTL2 24L D24 LP840 NX
2RTL2	2 X 2	2400	24	5000	2RTL2 24L D24 LP850 NX
2RTL2	2 X 2	3300	38	3000	2RTL2 33L D38 LP830 NX
2RTL2	2 X 2	3300	38	3500	2RTL2 33L D38 LP835 NX
2RTL2	2 X 2	3300	38	4000	2RTL2 33L D38 LP840 NX
2RTL2	2 X 2	3300	38	5000	2RTL2 33L D38 LP850 NX
2RTL4	2 X 4	4000	40	3000	2RTL4 40L D40 LP830 NX
2RTL4	2 X 4	4000	40	3500	2RTL4 40L D40 LP835 NX
2RTL4	2 X 4	4000	40	4000	2RTL4 40L D40 LP840 NX
2RTL4	2 X 4	4000	40	5000	2RTL4 40L D40 LP850 NX
2RTL4	2 X 4	4800	49	3000	2RTL4 48L D49 LP830 NX
2RTL4	2 X 4	4800	49	3500	2RTL4 48L D49 LP835 NX
2RTL4	2 X 4	4800	49	4000	2RTL4 48L D49 LP840 NX
2RTL4	2 X 4	4800	49	5000	2RTL4 48L D49 LP850 NX

For other control options, please refer to ordering information.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications(2x4)

Length: 48 (121.9)
Width: 24 (61.0)
Depth: 3-1/8 (7.9)
Weight: 24 lbs (10.9 kgs)

Specifications(2x2)

Length: 24 (61.0)
Width: 24 (61.0)
Depth: 3-1/8 (7.9)
Weight: 18 lbs (8.2 kgs)

ACCESSORIES

ORDER SEPARATELY

DGA24	Drywall ceiling adaptor, unit installation for 2x4 fixture
DGA22	Drywall ceiling adaptor, unit installation for 2x2 fixture

Notes

- 1 Nominal value varies by color and wattage.
- 2 See configurations for lumens/wattage availability.
- 3 Not available with EL14L battery pack or BLD controls.
- 4 Actual wattage may differ by +/- 5% when operating between 120/277V +/- 10%.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Intended Use

The RTL series combines the performance and benefits of Volumetric lighting with the energy and operating savings associated with LED systems.

Features

- Efficacy - up to 104 lpw
- Rated at L80 at 50,000 hours
- nLight® embedded controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrol
- Unique lumen management system (option N80) provides onboard intelligence that actively manages the LED light

source so that constant lumen output is maintained over the system life

- Bi-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance
- Enhances the space with volumetric lighting-eliminates dark shadows and opens the space while providing improved vertical illumination

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing. Optional NOM certification contact factory. IC RATED. DesignLights Consortium® qualified product. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

RTL
1'x4'



ORDERING INFORMATION

Specifications subject to change.

Example: RTL4 40L D41 LP835 N80

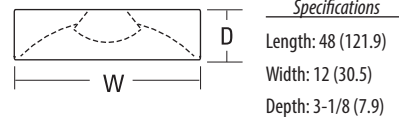
Series	Lumens ^{1,2}	Voltage	Wattage ^{1,2,3,4}	Color Temperature	Controls	Options
RTL4 Recessed 1x4	25L 2500 lumens 40L 4000 lumens	(blank) MVOLT (120-277V) 347 347V ^{3,4}	D24 24W D41 41W	LP830 82 CRI, 3000K LP835 82 CRI, 3500K LP840 82 CRI, 4000K LP850 82 CRI, 5000K	NX Dimming, no nLight BLD Bi-level dimming N80 nLight with 80% lumen management N80EMG nLight with 80% lumen management. For use with generator supply EM power N100 nLight without lumen management N100EMG nLight without lumen management. For use with generator supply EM power	EL14L 1400 lumen battery pack

ADDITIONAL INFORMATION

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER
RTL4	1 x 4	2500	24	3000	RTL4 25L D24 LP830 NX
RTL4	1 x 4	2500	24	3500	RTL4 25L D24 LP835 NX
RTL4	1 x 4	2500	24	4000	RTL4 25L D24 LP840 NX
RTL4	1 x 4	2500	24	5000	RTL4 25L D24 LP850 NX
RTL4	1 x 4	4000	41	3000	RTL4 40L D41 LP830 NX
RTL4	1 x 4	4000	41	3500	RTL4 40L D41 LP835 NX
RTL4	1 x 4	4000	41	4000	RTL4 40L D41 LP840 NX
RTL4	1 x 4	4000	41	5000	RTL4 40L D41 LP850 NX

For other control options, please refer to ordering information.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES

ORDER SEPARATELY

DGA_14 Drywall ceiling adapter, unit installation.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Nominal value varies by color and wattage.
- 2 See configurations for lumen/wattage compatibility.
- 3 Not available with EL14L battery pack or BLD controls.
- 4 Actual wattage may differ by +/- 5% when operating between 120/277V +/- 10%.

2RT5

2'x2', 2'x4'



Intended Use

The RT5 Series is designed for applications where comfort, aesthetics and energy savings are important. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect.

Features

- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling

- 33% energy saving when compared to common 3 lamp fluorescent parabolics
- Low profile - only 3-1/8" fixture depth
- Set light or step level dimming (switchable to 50% power) available

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing, Optional NOM certification contact factory. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

ORDERING INFORMATION

Specifications subject to change.

Example: 2RT5 28T5 MVOLT GEB95 LPM835P

Series	Lamp type ¹	Voltage	Ballast ¹	Lamp color ⁴	Options
2RT5 2' wide	14T5 14W T5 (22")	MVOLT	GEB95 Ballast factor .95, set light	LPM835P Lamped with premier 3500K lamp ⁵	GLR Fast-blow fuse ⁷
	28T5 28W T5 (46")	347 ²	GEB95S Ballast factor .95, step dimming	LPM830P Lamped with premier 3000K lamp ⁵	PWS1836 6' prewire, 3/8" diameter, 18-gauge, 3-wire ⁸
	24T5HO 24W T5HO (22")		GEB115 Ballast factor 1.15, set light	LPM841P Lamped with premier 4100K lamp ⁵	PWS1846 6' prewire, 3/8" diameter, 18-gauge, 4-wire ⁹
	54T5HO 54W T5HO (46")		GEB115S Ballast factor 1.15, step dimming	LP835 Lamped with 3500K lamp ⁶	EL14 Emergency battery pack
			GEB10PS Ballast factor 1.0, set light ³	LP830 Lamped with 3000K lamp ⁶	CSA Meets Canadian standards
				LP841 Lamped with 4100K lamp ⁶	NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

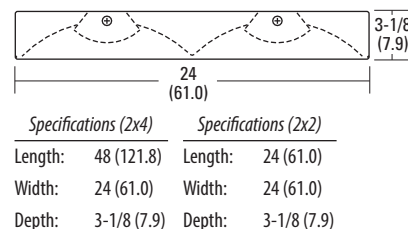
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT5	2'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
2RT5	2'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95BF
2RT5	2'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x4'	2	54T5HO	GEB10PS	High output, set light output, 1.0BF
2RT5	2'x2'	2	14T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x2'	2	14T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x2'	2	24T5HO	GEB10PS	High output, set light output, 1.0BF

ACCESSORIES

ORDER SEPARATELY

DGA_ Drywall ceiling adapter, unit installation. (Add 24 for 2'x4', 22 for 2'x2').

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- See Configurations table for lamp and ballast compatibility.
- Available only with CSA option.
- For 24T5HO and 54T5HO only.
- Required. All fixtures shipped with lamps installed.
- 28T5 lamp type only.
- 14T5, 24T5HO and 54T5HO lamp types only.
- Specify voltage.
- For use with standard, set light ballast.
- For use with step-dimming ballast.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

RT5
1'x4'



Intended Use

The RT5 Series is designed for applications where comfort, aesthetics and energy savings are important. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect.

Features

- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling

- 1 and 2 lamp configurations
- Low profile - only 3-1/8" fixture depth
- Set light or step level dimming (switchable to 50% power) available for compliance with common energy codes

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing, Optional NOM certification contact factory. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

ORDERING INFORMATION

Specifications subject to change.

Example: RT5 2 28T5 MVOLT GEB95 LPM835P

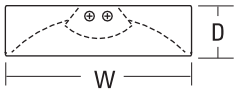
Series	Number of lamps ¹	Lamp type ¹	Voltage	Ballast ¹	Lamp color ⁴	Options
RT5 1' wide	1	28T5 28W T5 (46")	MVOLT	GEB95 Ballast factor .95, set light	LPM835P Lamped with premier 3500K lamp ⁵	GLR Fast-blow fuse ⁷
	2	54T5HO 54W T5HO (46")	347 ²	GEB95S Ballast factor .95, step dimming	LPM830P Lamped with premier 3000K lamp ⁵	PWS1836 6' prewire, 3/8" diameter, 18-gauge, 3-wire ⁸
				GEB115 Ballast factor 1.15, set light	LPM841P Lamped with premier 4100K lamp ⁵	PWS1846 6' prewire, 3/8" diameter, 18-gauge, 4-wire ⁹
				GEB115S Ballast factor 1.15, step dimming	LP835 Lamped with 3500K lamp ⁶	EL14 Emergency battery pack
				GEB10PS Ballast factor 1.0, set light ³	LP830 Lamped with 3000K lamp ⁶	CSA Meets Canadian standards
					LP841 Lamped with 4100K lamp ⁶	NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
RT5	1'x4'	1	28T5	GEB10PS	Standard, set light output, 1.0BF
RT5	1'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
RT5	1'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95BF
RT5	1'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
RT5	1'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
RT5	1'x4'	1	54T5HO	GEB10PS	High output, set light output, 1.0BF

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications
Length: 48 (121.8)
Width: 12 (30.5)
Depth: 3-1/8 (7.9)

ACCESSORIES	
ORDER SEPARATELY	
DGA14	Drywall ceiling adapter, unit installation.

Notes

- See Configurations table for lamp and ballast compatibility.
- Available only with CSA option.
- For 54T5HO only.
- Required. All fixtures shipped with lamps installed.
- 28T5 lamp types only.
- 54T5HO lamp types only.
- Specify voltage.
- For use with standard, set light ballast.
- For use with step-dimming ballast.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

2RT5 CAS

Air Return
2'x2', 2'x4'



Intended Use

The RT - CAS is designed for effective air removal from a space. RT5 Series is ideal for applications where comfort, aesthetics and energy savings are important. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect.

Features

- Center slots for air removal
- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling

- Low profile - only 3-1/8" fixture depth
- Set light or step level dimming (switchable to 50% power) available for compliance with common energy codes

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing, Optional NOM certification contact factory. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

ORDERING INFORMATION

Specifications subject to change.

Example: 2RT5 CAS 28T5 MVOLT GEB95 LPM835P

Series	Air function column	Lamp type ¹	Voltage	Ballast ¹	Lamp color ⁴	Options
2RT5	2' wide CAS Center air slots, (air removal)	14T5	MVOLT 347 ²	GEB95	LPM835P	GLR Fast-blow fuse ⁷
		14W T5 (22")			LPM830P	PWS1836 6' prewire, 3/8" diameter, 18-gauge, 3-wire ⁸
		28T5		GEB95S	LPM841P	PWS1846 6' prewire, 3/8" diameter, 18-gauge, 4-wire ⁹
		28W T5 (46")			LP835	EL14 Emergency battery pack
		24T5HO		GEB115	LP830	CSA Meets Canadian standards
		24W T5HO (22")		GEB115S	LP841	NOM Meets Mexican standards
		54T5HO		GEB10PS		
		54W T5HO (46")				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

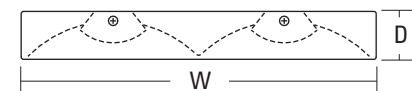
CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT5	2'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
2RT5	2'x4'	2	28T5	GEB95S	Standard, step dimming, .95BF
2RT5	2'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x4'	2	54T5HO	GEB10PS	High output, set light output, 1.0BF
2RT5	2'x2'	2	14T5	GEB115	High light, set light output, 1.15BF
2RT5	2'x2'	2	14T5	GEB115S	High light, step dimming, 1.15BF
2RT5	2'x2'	2	24T5HO	GEB10PS	High output, set light output, 1.0BF

ACCESSORIES

ORDER SEPARATELY

DGA Drywall ceiling adapter, unit installation (Add 24 for 2'x4'; 22 for 2'x2').

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	Specifications(2x4)	Specifications(2x2)
Length:	48 (121.8)	Length: 24 (61.0)
Width:	24 (61.0)	Width: 24 (61.0)
Depth:	3-1/8 (7.9)	Depth: 3-1/8 (7.9)

Notes

- 1 See Configurations table for lamp and ballast compatibility.
- 2 Available only with CSA option.
- 3 For 24T5HO and 54T5HO only.
- 4 Required. All fixtures shipped with lamps installed.
- 5 28T5 lamp type only.
- 6 14T5, 24T5HO and 54T5HO lamp types only.
- 7 Specify voltage.
- 8 For use with standard, set light ballast.
- 9 For use with step-dimming ballast.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

RT5N

6" Aperture
4', 8'



Intended Use

The 6" aperture RT5N is the ideal solution for applications requiring a narrow-profile high performance recessed fixture. The distinctive appearance makes this product ideal for corridors or private offices.

Features

- 6" aperture, 4' and 8' lengths
- Drop diffuser provides distinctive appearance in the space
- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces

- 1 or 2 lamp configurations
- Low profile - only 2-7/8" fixture depth
- Set light or step level dimming (switchable to 50% power) available for compliance with common energy codes

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing, Optional NOM certification contact factory. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

ORDERING INFORMATION

Specifications subject to change.

Example: RT5N 1 28T5 MVOLT GEB10PS LPM835P

Series	Number of lamps ¹	Lamp type ¹	Voltage	Ballast ¹	Lamp color ⁴	Options
RT5N 4'	1	28T5 28W T5 (46")	MVOLT	GEB95 Ballast factor .95, set light	LPM835P Lamped with premier 3500K lamp ⁵	GLR Fast-blow fuse ⁷
TRT5N 8'	2	54T5HO 54W T5HO (46")	347 ²	GEB95S Ballast factor .95, step dimming	LPM830P Lamped with premier 3000K lamp ⁵	EL14 Emergency battery pack
				GEB115 Ballast factor 1.15, set light	LPM841P Lamped with premier 4100K lamp ⁵	CSA Meets Canadian standards
				GEB115S Ballast factor 1.15, step dimming	LP835 Lamped with 3500K lamp ⁶	NOM Meets Mexican standards
				GEB10PS Ballast factor 1.0, set light ³	LP830 Lamped with 3000K lamp ⁶	
					LP841 Lamped with 4100K lamp ⁶	

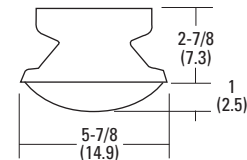
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	LENGTH	LAMPS PER CROSS SECTION	LAMP TYPE	BALLAST	DESCRIPTION
RT5N	4'	1	28T5	GEB10PS	Standard, set light output, 1.0BF
RT5N	4'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF
RT5N	4'	2	28T5	GEB95	Standard, set light output, .95BF
RT5N	4'	2	28T5	GEB95S	Standard, step dimming, .95BF
RT5N	4'	2	28T5	GEB115	High light, set light output, 1.15BF
RT5N	4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
RT5N	4'	2	54T5HO	GEB10PS	Standard, set light output, 1.0BF
TRT5N	8'	1	28T5	GEB115	High light, set light output, 1.15BF
TRT5N	8'	1	28T5	GEB115S	High light, step dimming, 1.15BF
TRT5N	8'	1	28T5	GEB95	Standard, set light output, .95BF
TRT5N	8'	1	28T5	GEB95S	Standard, step dimming, .95BF
TRT5N	8'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF
TRT5N	8'	2	28T5	GEB95	Standard, set light output, .95BF
TRT5N	8'	2	28T5	GEB95S	Standard, step dimming, .95BF
TRT5N	8'	2	28T5	GEB115	High light, set light output, 1.15BF
TRT5N	8'	2	28T5	GEB115S	High light, step dimming, 1.15BF
TRT5N	8'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp and ballast compatibility.
- 2 Available only with CSA option.
- 3 For 54T5HO only
- 4 Required. All fixtures shipped with lamps installed.
- 5 28T5 lamp type only.
- 6 54T5HO lamp type only.
- 7 Specify voltage.

2RT5S/RT5B

2'x2', 2'x4', 1'x4'



Intended Use

The RT5S/RT5B Series is designed for applications where comfort, aesthetics and energy savings are important. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect. The RT5S is the ideal solution for economical volumetric lighting.

Features

- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling

- 33% energy saving when compared to common 3 lamp fluorescent parabolics
- Ideal for shallow plenums - only 3-1/4" depth, 4-1/2" (1X4)
- Available with grid or flange options
- 2x2 and 2x4 configurations include full steel door assembly, 1x4 doorframe includes PETE trim

Listings

UL Listed to U.S. and Canadian safety standard. Optional NOM Certification. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

ORDERING INFORMATION

Specifications subject to change.

Example: 2RT5S 2 28T5 MVOLT GEB95 LPM835P

Series	Trim	Number of lamps	Lamp type ²	Voltage	Ballast ²
2RT5S 2' wide	(blank) Grid	1 ¹	14T5 14W T5 (22")	MVOLT	GEB95 Ballast factor .95, set light
RT5B 1' wide	F Flange	2	24T5H0 24W T5H0 (22")	347 ³	GEB95S Ballast factor .95, step dimming
			28T5 28W T5 (46")		GEB10PS Ballast factor 1.0, set light
			54T5H0 54W T5H0 (46")		
Lamp color				Options	
LPM835P	Lamped with premier 3500K lamp ⁴	LP835	Lamped with 3500K lamp ⁵	GLR	Fast-blow fuse ⁶
LPM830P	Lamped with premier 3000K lamp ⁴	LP830	Lamped with 3000K lamp ⁵	EL14	Emergency battery pack
LPM841P	Lamped with premier 4100K lamp ⁴	LP841	Lamped with 4100K lamp ⁵	CSA	Meets Canadian standards
				NOM	Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

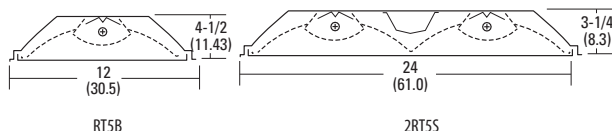
CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT5S	2'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
2RT5S	2'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95 BF
2RT5S	2'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
2RT5S	2'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
2RT5S	2'x4'	2	54T5H0	GEB10PS	Standard, set light output, 1.0BF
2RT5S	2'x2'	2	14T5	GEB115	Standard, set light output, 1.15BF
2RT5S	2'x2'	2	14T5	GEB115S	Standard, step dimming, 1.15BF
2RT5S	2'x2'	2	24T5H0	GEB10PS	Standard, set light output, 1.0BF
RT5B	1'x4'	1	28T5	GEB10PS	Standard, set light output, 1.0BF
RT5B	1'x4'	1	54T5H0	GEB10PS	Standard, set light output, 1.0BF
RT5B	1'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
RT5B	1'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95 BF
RT5B	1'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
RT5B	1'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF

ACCESSORIES

ORDER SEPARATELY

DGA Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4' and 22 for 2'x2' and 14 for 1'x4').

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- RT5B 1x4 only.
- See Configurations table for lamp and ballast compatibility.
- Available only with CSA option.
- 28T5 lamp type only.
- 14T5, 24T5H0 and 54T5H0 lamp types only.
- Specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The RT8S/RT8B Series is designed for applications where comfort, aesthetics and energy savings are important. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect. The RT8S is the ideal solution for economical volumetric lighting.

Features

- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling

- 33% energy saving when compared to common 3 lamp fluorescent parabolics
- Ideal for shallow plenums - only 3-1/4" depth, 4-1/2" (1X4)
- Available with grid or flange options
- 2x2 and 2x4 configurations include full steel door assembly, 1x4 doorframe includes PETE trim

Listings

UL Listed to U.S. and Canadian safety standard. Optional NOM Certification. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

2RT8S/RT8B

2'x2', 2'x4', 1'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2RT8S 2 32 MVOLT BINP LP835HT8

Series	Trim	Number of lamps ¹	Lamp type ¹	Voltage	Ballast ¹	Lamp color	Options
2RT8S 2' wide	(blank) Grid	1	17 17W T8 (24")	MVOLT	GEB10IS T8 electronic ballast, ≤10% THD, instant start	LP835 Lamped with 3500K lamp	GLR Fast-blow fuse ⁶
RT8B 1' wide	F Flange	2	32 32W T8 (48")	347 ²	GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start	LP830 Lamped with 3000K lamp	EL Emergency battery pack
					BILP T8 high-performance ballast, low ballast factor (.78), instant start ³	LP841 Lamped with 4100K lamp	CSA Meets Canadian standards
					BINP T8 high-performance ballast, normal ballast factor (.88), instant start ³	L835HT8 Lamped with long-life 3500K lamp	NOM Meets Mexican standards
					BIHP T8 high-performance ballast, high ballast factor (1.2), instant start ^{3,4}	L830HT8 Lamped with long-life 3000K lamp	
					BSNP T8 high-performance, normal ballast factor (.88), step-dim programmed start, 2 lamp only ^{3,4,5}	L841HT8 Lamped with long-life 4100K lamp	

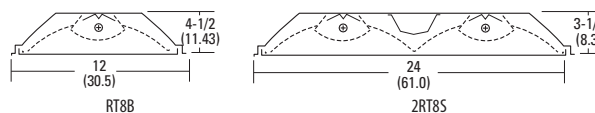
ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT8S	2'x4'	2	32	BILP	High efficiency, instant start, 0.78BF
2RT8S	2'x4'	2	32	BINP	High efficiency, instant start, 0.88BF
2RT8S	2'x4'	2	32	BIHP	High efficiency, instant start, 1.2BF
2RT8S	2'x4'	2	32	BSNP	High efficiency, step dimming, 0.88BF
2RT8S	2'x4'	2	32	GEB10IS	Instant start, 0.88BF
2RT8S	2'x4'	2	32	GEB10RS	Programmed rapid start, 0.88BF
2RT8S	2'x2'	2	17	BILP	High efficiency, instant start, 0.81BF
2RT8S	2'x2'	2	17	BINP	High efficiency, instant start, 0.90BF
2RT8S	2'x2'	2	17	BIHP	High efficiency, instant start, 1.2BF
2RT8S	2'x2'	2	17	BSNP	High efficiency, step dimming, 0.88BF
2RT8S	2'x2'	2	17	GEB10IS	Instant start, 0.88BF
2RT8S	2'x2'	2	17	GEB10RS	Programmed rapid start, 0.88BF
RT8B	1'x4'	1	32	BILP	High efficiency, instant start, 0.78BF
RT8B	1'x4'	1	32	BINP	High efficiency, instant start, 0.88BF
RT8B	1'x4'	1	32	BIHP	High efficiency, instant start, 1.2BF
RT8B	1'x4'	1	32	GEB10IS	Instant start, 0.88BF
RT8B	1'x4'	1	32	GEB10RS	Programmed rapid start, 0.88BF

ACCESSORIES**ORDER SEPARATELY**

DGA_ Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4', 22 for 2'x2', 14 for 1'x4').

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp and ballast compatibility.
- Available only with CSA option.
- CEE qualified HPT8, ballast to qualify for many utility rebates.
- Not available for 347V.
- Available with two-lamp model only.
- Specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

RTLX

2'x2', 2'x4', 1'x4'



Intended Use

The RTX series is the right solution for high performance volumetric surface mount lighting. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect.

Features

- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling

- Plasma welded corners provides clean finish
- Low profile design does not overwhelm the space - only 3-1/2" depth
- 33% energy saving when compared to common 3 lamp fluorescent parabolics

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing, Optional NOM certification contact factory. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2RTLX4 43L D49 LP835 NX

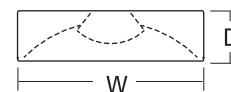
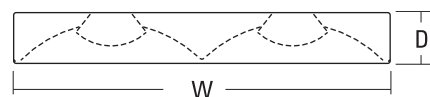
Series		Lumens	Voltage	Wattage	Color temperature	Controls	Options
2RTLX4	Surface LED, 2x4	22L 2200 lumens ^{1,2}	(blank) MVOLT (120-277V)	D24 24W ^{3,6}	LP830 82 CRI, 3000K	NX Dimming, no nLight	EL14L 1400 lumen battery pack ⁴
2RTLX2	Surface LED, 2x2	24L 2400 lumens ^{1,3}	347 347V ⁵	D26 26W ^{2,6}	LP835 82 CRI, 3500K	BLD Bi-level dimming	
RTLX4	Surface LED, 1x4	32L 3200 lumens ^{1,2}		D38 38W ^{2,6}	LP840 82 CRI, 4000K	N80 nLight with 80% lumen management ⁷	
		43L 4300 lumens ^{1,4}		D49 49W ^{4,6}	LP850 82 CRI, 5000K	N80EMG nLight with 80% lumen management. For use with generator supply EM power ⁷	
						N100 nLight without lumen management ⁷	
						N100EMG nLight without lumen management. For use with generator supply EM power ⁷	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER
2RTLX2	2 x 2	2200	26	3000	2RTLX2 22L D24 LP830 NX
2RTLX2	2 x 2	2200	26	3500	2RTLX2 22L D24 LP835 NX
2RTLX2	2 x 2	2200	26	4000	2RTLX2 22L D24 LP840 NX
2RTLX2	2 x 2	2200	26	5000	2RTLX2 22L D24 LP850 NX
2RTLX2	2 x 2	3200	38	3000	2RTLX2 32L D38 LP830 NX
2RTLX2	2 x 2	3200	38	3500	2RTLX2 32L D38 LP835 NX
2RTLX2	2 x 2	3200	38	4000	2RTLX2 32L D38 LP840 NX
2RTLX2	2 x 2	3200	38	5000	2RTLX2 32L D38 LP850 NX
2RTLX4	2 x 4	4300	49	3000	2RTLX4 43L D49 LP830 NX
2RTLX4	2 x 4	4300	49	3500	2RTLX4 43L D49 LP835 NX
2RTLX4	2 x 4	4300	49	4000	2RTLX4 43L D49 LP840 NX
2RTLX4	2 x 4	4300	49	5000	2RTLX4 43L D49 LP850 NX
RTLX4	1 x 4	2400	24	3000	RTLX4 24L D24 LP830 NX
RTLX4	1 x 4	2400	24	3500	RTLX4 24L D24 LP835 NX
RTLX4	1 x 4	2400	24	4000	RTLX4 24L D24 LP840 NX
RTLX4	1 x 4	2400	24	5000	RTLX4 24L D24 LP850 NX

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications(2x4) Specifications(2x2)

Length: 48 (121.9) Length: 24 (61.0)
Width: 24-1/4 (61.6) Width: 24-1/4 (61.6)
Depth: 3-1/2 (8.2) Depth: 3-1/2 (8.2)

Specifications(1x4)

Length: 48 (121.9)
Width: 12 (30.5)
Depth: 3-1/8 (7.9)

Notes

- Approximate lumen output.
- Only available on 2RTLX2.
- Only available on RTLX4.
- Only available on 2RTLX4.
- Not available with EL14L battery pack or BLD controls.
- Approximate input power (watts) +/- 5%.
- Consider CAT5 access when specifying.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The RTX series is the right solution for high performance volumetric surface mount lighting. Luminous characteristics are carefully managed at high angles, providing just enough intensity to deliver the volumetric effect.

Features

- Enhances the space with volumetric lighting - eliminates dark shadows and opens up the space while providing ideal lighting appearance on vertical surfaces
- Micro-facet reflector echos the frequency of prisms in the refractor providing a quiet appearance in the ceiling
- Plasma welded corners provides clean finish

- Low profile design does not overwhelm the space - only 3-5/8" depth
- 33% energy saving when compared to common 3 lamp fluorescent parabolics

Listings

UL Listed to U.S. safety standard. Optional Canadian CSA Listing, Optional NOM certification contact factory. Protected by one or more of U.S. Patents Nos. 7,229,192; D541,467; D541,468; D544,633; D544,634; D544,992; and D544,933. Additional patents pending.

2RT5SX/RT5BX

2'x2', 2'x4', 1'x4'

**ORDERING INFORMATION**

Specifications subject to change.

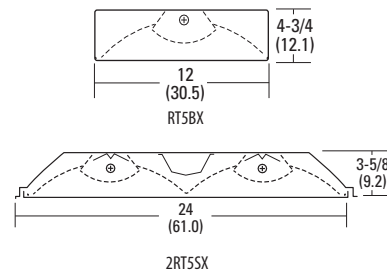
Example: 2RT5SX 2 28T5 MVOLT GEB95 LPM835P

Series	Number of lamps ¹	Lamp type ¹	Voltage	Ballast ¹	Lamp color ⁵	Options
2RT5SX 2' wide	1 ²	14T5 14W T5 (22")	MVOLT	GEB95 Ballast factor .95, set light	LPM835P Lamped with premier 3500K lamp ⁶	GLR Fast-blow fuse ⁷
RT5BX 1' wide	2	24T5HO 24W T5HO (22")	347 ³	GEB95S Ballast factor .95, step dimming	LPM830P Lamped with premier 3000K lamp ⁶	EL14 Emergency battery pack
		28T5 28W T5 (46")		GEB115 Ballast factor 1.15, set light	LPM841P Lamped with premier 4100K lamp ⁶	CSA Meets Canadian standards
		54T5HO 54W T5HO (46")		GEB115S Ballast factor 1.15, step dimming	LP835 Lamped with 3500K lamp ⁴	NOM Meets Mexican standards
				GEB10PS Ballast factor 1.0, set light ⁴	LP830 Lamped with 3000K lamp ⁴	
					LP841 Lamped with 4100K lamp ⁴	

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2RT5SX	2'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
2RT5SX	2'x4'	2	28T5	GE B95S	Standard, step dimming, 0.95BF
2RT5SX	2'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
2RT5SX	2'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
2RT5SX	2'x4'	2	54T5HO	GEB10PS	High output, set light output, 1.0BF
2RT5SX	2'x2'	2	14T5	GEB115	High light, set light output, 1.15BF
2RT5SX	2'x2'	2	14T5	GEB115S	High light, step dimming, 1.15BF
2RT5SX	2'x2'	2	24T5HO	GEB10PS	High output, set light output, 1.0BF
RT5BX	1'x4'	1	28T5	GEB10PS	Standard, set light output, 1.0BF
RT5BX	1'x4'	1	54T5HO	GEB10PS	Standard, set light output, 1.0BF
RT5BX	1'x4'	2	28T5	GEB95	Standard, set light output, 0.95BF
RT5BX	1'x4'	2	28T5	GEB95S	Standard, step dimming, 0.95BF
RT5BX	1'x4'	2	28T5	GEB115	High light, set light output, 1.15BF
RT5BX	1'x4'	2	28T5	GEB115S	High light, step dimming, 1.15BF
RT5BX	1'x4'	2	54T5HO	GEB10PS	Standard, set light output, 1.0BF

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp and ballast compatibility.
- 1'x4' only.
- Available only with CSA option.
- 14T5, 24T5HO, 54T5HO lamp type only.

- Required. All fixtures shipped with lamps installed.
- 28T5 lamp type only.
- Specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

2VTL

2'x2', 2'x4'



Intended Use

The VTL Series is an economical LED option providing a single basket and volumetric performance in an energy and operating savings package.

Features

- Efficacy - up to 102 l/w
- Rated at L80 at 50,000 hours
- nLight® embedded controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols

- Unique lumen management system (option N80) provides onboard intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life
- Bi-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance
- Enhances the space with volumetric lighting-eliminates dark shadows and opens the space while providing improved vertical illumination

Listings

UL Listed to U.S. and Canadian safety standards. IC RATED.
Patent pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2VTL4 48L ADP EZ1 LP835 N80

Series	Air function	Lumens ¹	Diffuser	Voltage	Driver	Color temperature	Controls	Options
2VTL4 2x4 VTL	(blank) Static	20L 2000 ²	ADP Acrylic linear prismatic	(blank) MVOLT	EZ1 eldoLED Dims to 1%	LP830 82 CRI, 3000K	(blank) No controls	EL14L 1400 lumen battery pack
2VTL2 2x2 VTL	H Heat removal	30L 3000 ³		347 347V ⁴	EZB eldoLED Dims to Black	LP835 82 CRI, 3500K	N80 nLight with 80% lumen management	
		33L 3300 ²			EDB eldoLED DALI	LP840 82 CRI, 4000K	N80EMG nLight with 80% lumen management. For use with generator supply EM power	EL7L 700 lumen battery pack
		40L 4000			EXB eldoLED DMX/RDM	LP850 82 CRI, 5000K	N100 nLight without lumen management	CP Chicago Plenum
		48L 4800 ³			SLD Step-level dimming		N100EMG nLight without lumen management. For use with generator supply EM power	
		60L 6000 ³						
		72L 7200 ³						

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						CONFIGURATIONS (cont'd)					
SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER	SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER
2VTL2	2 x 2	2000	20	3000	2VTL2 20L ADP LP830	2VTL4	2 x 4	4000	39	3000	2VTL4 40L ADP LP830
2VTL2	2 x 2	2000	20	3500	2VTL2 20L ADP LP835	2VTL4	2 x 4	4000	39	3500	2VTL4 40L ADP LP835
2VTL2	2 x 2	2000	20	4000	2VTL2 20L ADP LP840	2VTL4	2 x 4	4000	39	4000	2VTL4 40L ADP LP840
2VTL2	2 x 2	2000	20	5000	2VTL2 20L ADP LP850	2VTL4	2 x 4	4000	39	5000	2VTL4 40L ADP LP850
2VTL2	2 x 2	3300	34	3000	2VTL2 33L ADP LP830	2VTL4	2 x 4	4800	47	3000	2VTL4 48L ADP LP830
2VTL2	2 x 2	3300	34	3500	2VTL2 33L ADP LP835	2VTL4	2 x 4	4800	47	3500	2VTL4 48L ADP LP835
2VTL2	2 x 2	3300	34	4000	2VTL2 33L ADP LP840	2VTL4	2 x 4	4800	47	4000	2VTL4 48L ADP LP840
2VTL2	2 x 2	3300	34	5000	2VTL2 33L ADP LP850	2VTL4	2 x 4	4800	47	5000	2VTL4 48L ADP LP850
2VTL2	2 x 2	4000	41	3000	2VTL2 40L ADP LP830	2VTL4	2 x 4	6000	52	3000	2VTL4 60L ADP LP830
2VTL2	2 x 2	4000	41	3500	2VTL2 40L ADP LP835	2VTL4	2 x 4	6000	52	3500	2VTL4 60L ADP LP835
2VTL2	2 x 2	4000	41	4000	2VTL2 40L ADP LP840	2VTL4	2 x 4	6000	52	4000	2VTL4 60L ADP LP840
2VTL2	2 x 2	4000	41	5000	2VTL2 40L ADP LP850	2VTL4	2 x 4	6000	52	5000	2VTL4 60L ADP LP850
2VTL4	2 x 4	3000	31	3000	2VTL4 30L ADP LP830	2VTL4	2 x 4	7200	70	3000	2VTL4 72L ADP LP830
2VTL4	2 x 4	3000	31	3500	2VTL4 30L ADP LP835	2VTL4	2 x 4	7200	70	3500	2VTL4 72L ADP LP835
2VTL4	2 x 4	3000	31	4000	2VTL4 30L ADP LP840	2VTL4	2 x 4	7200	70	4000	2VTL4 72L ADP LP840
2VTL4	2 x 4	3000	31	5000	2VTL4 30L ADP LP850	2VTL4	2 x 4	7200	70	5000	2VTL4 72L ADP LP850

For other control options, please refer to ordering information.

ACCESSORIES

ORDER SEPARATELY

2VT4 F916	Trim to adjust fixture mounting flush with v9/16" T-bar; for 2x4 fixture
2VT2 F916	Trim to adjust fixture mounting flush with 9/16" T-bar; for 2x2 fixture
DGA24	Drywall ceiling adaptor, unit installation (2x4)
DGA22	Drywall ceiling adaptor, unit installation (2x2)

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications(2x2)	Specifications(2x4)
Length: 24 (61.0)	Length: 48 (122.0)
Width: 24 (61.0)	Width: 24 (61.0)
Depth: 4-3/4 (12.1)	Depth: 4-3/4 (12.1)

Notes

- 1 Approximate lumen output.
- 2 Only available on 2x2.
- 3 Only available on 2x4.
- 4 Consult factory for availability. Not available with EL14L battery pack or SLD controls.

Intended Use

The VT Series is an economical solution for applications requiring high vertical illumination with low brightness. The volumetric distribution of the single acrylic basket is carefully managed at high angles, providing just enough intensity to deliver the volumetric performance.

Features

- Micro-facet reflector echo the frequency of prisms in the refractor providing a quiet appearance in the ceiling
- 1, 2 or 3 lamp configurations, T5, T5HO or T8 lamping

- Set light or step level dimming (switchable to 50% power) available for compliance with common energy codes
- Enhances the space with volumetric lighting – eliminates dark shadows and opens up the space with controlled distribution

Listings

UL Listed to U.S. and Canadian safety standards. Patent pending.

2VT

2'x2', 2'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2VT8 2 32 ADP MVOLT GEB10IS LP835

Series	Air function	Number of lamps	Wattage	Diffuser	Voltage	Ballast configuration	Ballast	Lamp	Options
2VT5	T5 Volumetric troffer	(blank) Static H Heat removal	1 14T5 14W T5 (22") 2 17 17W T8 (24") 3 24T5HO 24W T5HO (24") 28T5 28W T5 (46") 32 32W T8 (48") 54T5HO 54W T5HO (46")	ADP Acrylic linear prismatic	(blank) MVOLT ¹ 347 347V ²	(blank) One or two lamps, per Lithonia Lighting standards 1/3 One, three-lamp ballast ³	GEB10IS T8 electronic, <10%THD, instant start GEB10PS T5 and T8 electronic, <10% THD, programmed start GEB95 T5 electronic, <10% THD, .95 ballast factor, programmed start GEB95S T5 electronic, <10% THD, .95 ballast factor, step dimming, programmed start	LP835 80 CRI, 3500K LP841 80 CRI, 4100K LP830 80 CRI, 3000K LP735 70 CRI, 3500K LP741 70 CRI, 4100K LP730 70 CRI, 3000K	GLR Fast-blow fuse ⁴ RSW Smooth reflector EL14 Emergency battery pack, 1400 lumens EL Emergency battery pack CSA Meets Canadian standards ⁵

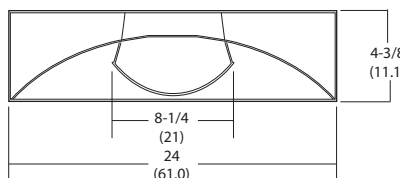
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
VT5	2 X 2	1	14T5	GEB10PS	Standard, set light output, 1.0 BF
VT5	2 X 2	2	14T5	GEB10PS	Standard, set light output, 1.0 BF
VT5	2 X 2	2	14T5	GEB11S	Standard, set light output, 1.15 BF
VT5	2 X 2	3	14T5	GEB11SS	Standard, step dimming, 1.15 BF
VT5	2 X 2	1	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
VT5	2 X 2	2	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
VT5	2 X 2	3	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
VT5	2 X 4	1	28T5	GEB10PS	Standard, set light output, 1.0 BF
VT5	2 X 4	2	28T5	GEB95	Standard, set light output, 0.95 BF
VT5	2 X 4	2	28T5	GEB95S	Standard, step dimming, 0.95 BF
VT5	2 X 4	3	28T5	GEB10PS	Standard, set light output, 1.0 BF
VT5	2 X 4	1	54T5HO	GEB10PS	High Light, set light output, 1.0 BF
VT5	2 X 4	2	54T5HO	GEB10PS	High Light, set light output, 1.0 BF
VT5	2 X 4	3	54T5HO	GEB10PS	High Light, set light output, 1.0 BF
VT8	2 X 2	1	17	GEB10IS	Standard, set light output, 0.88 BF
VT8	2 X 2	2	17	GEB10IS	Standard, set light output, 0.88 BF
VT8	2 X 2	3	17	GEB10IS	Standard, set light output, 0.88 BF
VT8	2 X 4	1	32	GEB10IS	Standard, set light output, 0.88 BF
VT8	2 X 4	2	32	GEB10IS	Standard, set light output, 0.88 BF
VT8	2 X 4	3	32	GEB10IS	Standard, set light output, 0.88 BF

For other control options, please refer to ordering information.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications(2x4)

Length: 48 (122.0)
Width: 24 (61.0)
Depth: 4-3/8 (11.1)

Specifications(2x2)

Length: 24 (61.0)
Width: 24 (61.0)
Depth: 4-3/8 (11.1)

ACCESSORIES**ORDER SEPARATELY**

2VT4 F916	Trim to adjust fixture mounting flush with v9/16" T-bar; for 2x4 fixture
2VT2 F916	Trim to adjust fixture mounting flush with 9/16" T-bar; for 2x2 fixture
DGA24	Drywall ceiling adaptor, unit installation (2x4)
DGA22	Drywall ceiling adaptor, unit installation (2x2)

Notes

- 1 MVOLT (120-277V) 50-60Hz.
- 2 Not available with 32T8 GEB10PS.
- 3 Not available with 28T5.
- 4 Must specify 120 or 277.
- 5 347V only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

2VTLX

2'x2', 2'x4'



Intended Use

The VTLX surface mount series is an economical LED option providing a single basket and volumetric performance in an energy and operating savings package.

Features

- Efficacy - up to 102 lpw
- Rated at L80 at 50,000 hours
- Formed and sonic welded corners for clear visual appearance without seams
- Very low profile – only 4-3/4" overall height

- Unique lumen management system (option N80) provides onboard intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life
- Bi-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance
- Enhances the space with volumetric lighting-eliminates dark shadows and opens the space while providing improved vertical illumination

Listings

UL Listed to U.S. and Canadian safety standards. Patent pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2VTLX2 36L ADP D36 LP835 NX

Series	Lumens ^{1,2}	Diffuser	Voltage	Wattage ^{1,2,4}	Color temperature	Options
2VTLX2 2x2	24L 2400 lumens	ADP Acrylic linear prismatic	(blank) MVOLT 347 347 ³	D24 24W	LP830 82 CRI, 3000K	NX Dimming, no nLight
2VTLX4 2x4	36L 3600 lumens			D36 36W	LP835 82 CRI, 3500K	BLD Bi-level dimming
	40L 4000 lumens			D40 40W	LP840 82 CRI, 4000K	N80 nLight with 80% lumen management ⁵
	48L 4800 lumens			D47 47W	LP850 82 CRI, 5000K	N80EMG nLight with 80% lumen management. For use with generator supply EM power ⁵
	72L 7200 lumens			D75 75W		N100 nLight without lumen management ⁵
						N100EMG nLight without lumen management. For use with generator supply EM power ⁵

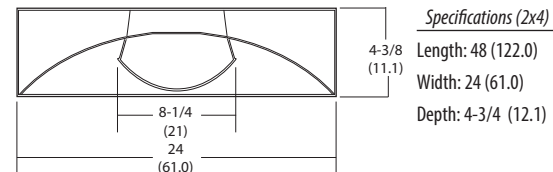
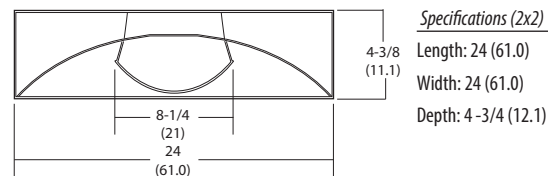
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER
VTLX	2 x 2	2400	24	3000	2VTLX2 24L ADP D24 LP830 NX
VTLX	2 x 2	2400	24	3500	2VTLX2 24L ADP D24 LP835 NX
VTLX	2 x 2	2400	24	4000	2VTLX2 24L ADP D24 LP840 NX
VTLX	2 x 2	2400	24	5000	2VTLX2 24L ADP D24 LP850 NX
VTLX	2 x 2	3600	36	3000	2VTLX2 36L ADP D36 LP830 NX
VTLX	2 x 2	3600	36	3500	2VTLX2 36L ADP D36 LP835 NX
VTLX	2 x 2	3600	36	4000	2VTLX2 36L ADP D36 LP840 NX
VTLX	2 x 2	3600	36	5000	2VTLX2 36L ADP D36 LP850 NX
VTLX	2 x 4	4000	40	3000	2VTLX4 40L ADP D40 LP830 NX
VTLX	2 x 4	4000	40	3500	2VTLX4 40L ADP D40 LP835 NX
VTLX	2 x 4	4000	40	4000	2VTLX4 40L ADP D40 LP840 NX
VTLX	2 x 4	4000	40	5000	2VTLX4 40L ADP D40 LP850 NX
VTLX	2 x 4	4800	47	3000	2VTLX4 48L ADP D47 LP830 NX
VTLX	2 x 4	4800	47	3500	2VTLX4 48L ADP D47 LP835 NX
VTLX	2 x 4	4800	47	4000	2VTLX4 48L ADP D47 LP840 NX
VTLX	2 x 4	4800	47	5000	2VTLX4 48L ADP D47 LP850 NX
VTLX	2 x 4	7200	75	3000	2VTLX4 72L ADP D75 LP830 NX
VTLX	2 x 4	7200	75	3500	2VTLX4 72L ADP D75 LP835 NX
VTLX	2 x 4	7200	75	4000	2VTLX4 72L ADP D75 LP840 NX
VTLX	2 x 4	7200	75	5000	2VTLX4 72L ADP D75 LP850 NX

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Nominal value, varies by color and wattage.
- 2 See configurations for lumens/wattage availability.
- 3 Consult factory for availability. Not available with BLD controls.
- 4 Approximate input power (watts) +/-5%.
- 5 Consider CAT5 access when specifying.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The VT Series is an economical solution for applications requiring high vertical illumination with low brightness. The volumetric distribution of the single acrylic basket is carefully managed at high angles, providing just enough intensity to deliver the volumetric performance.

Features

- Micro-facet reflector echo the frequency of prisms in the refractor providing a quiet appearance in the ceiling
- 1, 2 or 3 lamp configurations, T5, T5HO or T8 lamping
- Formed and sonic welded corners for clear visual appearance without seams

- Very low profile – only 4-3/4" overall height
- Set light or step level dimming (switchable to 50% power) available for compliance with common energy codes
- Enhances the space with volumetric lighting – eliminates dark shadows and opens up the space with controlled distribution

Listings

UL Listed to U.S. and Canadian safety standards. Patent pending.

VTX

2'x2', 2'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2VT8X 2 14T5 ADP MVOLT GEB10IS LP835

Series	Number of lamps	Wattage	Diffuser	Voltage	Ballast configurations	Ballast	Lamp	Options
2VTSX T5 2x2 or 2x4	1	14T5 14W T5 (22")	ADP Acrylic linear prismatic	MVOLT 347	(blank) One or two-lamp ballast, per Lithonia Lighting standards	GEB10IS T8 electronic, ≤10% THD, instant start	LP835 80 CRI, 3500K	GLR Fast-blow fuse ²
2VT8X T8 2x2 or 2x4	2	17 17W T8 (24")					LP841 80 CRI, 4100K	RSW Smooth reflector
	3	24T5HO 24W T5HO (22")				GEB10PS T5 and T8 electronic, ≤10% THD, programmed start	LP830 80 CRI, 3000K	EL14 Emergency battery pack, 1400 lumens
		32 32W T8 (48")					LP735 70 CRI, 3500K	EL Emergency battery pack
		28T5 28W T5 (46")			1/3 One, three-lamp ballast	GEB115 T5 electronic, ≤THD, 1.15 ballast factor, programmed start	LP741 70 CRI, 4100K	CSA Meets Canadian Standards ³
		54T5HO 54W T5HO (46")					LP730 70 CRI, 3000K	

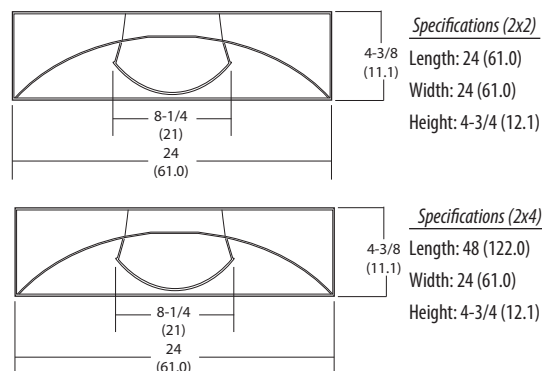
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2VTSX	2 x 2	1	14T5	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 2	2	14T5	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 2	3	14T5	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 2	1	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2VTSX	2 x 2	2	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2VTSX	2 x 2	3	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2VTSX	2 x 2	1	CF40	GEB10RS	Standard, set light output, 0.88 BF
2VTSX	2 x 2	2	CF40	GEB10RS	Standard, set light output, 0.88 BF
2VTSX	2 x 2	3	CF40	GEB10RS	Standard, set light output, 0.88 BF
2VTSX	2 x 4	1	28T5	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 4	2	28T5	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 4	3	28T5	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 4	1	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 4	2	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 4	3	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2VTSX	2 x 2	1	17	GEB10IS	Standard, set light output, 0.88 BF
2VTSX	2 x 2	2	17	GEB10IS	Standard, set light output, 0.88 BF
2VTSX	2 x 2	3	17	GEB10IS	Standard, set light output, 0.88 BF
2VTSX	2 x 4	1	32	GEB10IS	Standard, set light output, 0.88 BF
2VTSX	2 x 4	2	32	GEB10IS	Standard, set light output, 0.88 BF
2VTSX	2 x 4	3	32	GEB10IS	Standard, set light output, 0.88 BF

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**ACCESSORIES****ORDER SEPARATELY**

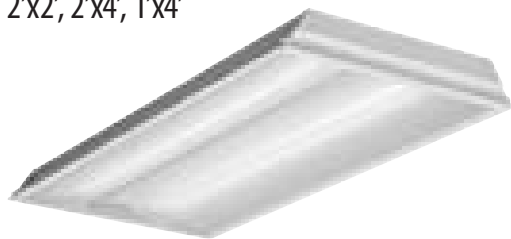
SQ	Swivel-stem hanger (specify in 2" increments)
1B	Ceiling spacer (adjusts from 1-1/2" to 2-1/2" from ceiling)

Notes

- 1 MVOLT (120-277V) 50-60Hz.
- 2 Must specify 120 or 277.
- 3 347 only.

ALL

2'x2', 2'x4', 1'x4'



Intended Use

The ALL LED combines clean, fine lines with a unique design that complements any space. The completely luminous optical system provides a concave visual appearance while providing high fixture performance and even illumination. ALL is available with several lighting control options including dimming and occupancy sensors to maximize energy savings and complement daylight harvesting.

Features

- Efficacy - up to 100 lpw
- Rated at L80 at 50,000 hours
- Full luminous diffuser combined with concave refractor provides visual interest and clean lines

- nLight® embedded controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols
- Unique lumen management system (option N80) provides onboard intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life
- Bi-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance

Listings

UL Listed to U.S. and Canadian safety standards. IC RATED. Patent pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2ALL2 37L D37 LP835 N80

Series	Lumens ^{1,2}	Voltage	Wattage ^{1,2,4}	Color temperature	Controls	Options
2ALL4 LED, 2x4	21L 2100 lumens	(blank) MVOLT (120-277V)	D24 24W	LP830 82 CRI, 3000K	NX Dimming, no nLight	EL14L 1400 lumen battery pack ⁵
2ALL2 LED, 2x2	37L 3700 lumens	347 347V ³	D37 37W	LP835 82 CRI, 3500K	BLD Bi-level dimming	CP Chicago Plenum
ALL4 LED, 1x4	43L 4300 lumens		D50 50W	LP840 82 CRI, 4000K	N80 nLight with 80% lumen management	
	49L 4900 lumens		D75 75W	LP850 82 CRI, 5000K	N80EMG nLight with 80% lumen management. For use with generator supply EM power	
	64L 6400 lumens				N100 nLight without lumen management	
					N100EMG nLight without lumen management. For use with generator supply EM power	

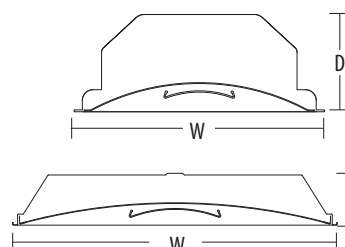
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER
2ALL2	2 x 2	3700	37	3000	2ALL2 37L D37 LP830 NX
2ALL2	2 x 2	3700	37	3500	2ALL2 37L D37 LP835 NX
2ALL2	2 x 2	3700	37	4000	2ALL2 37L D37 LP840 NX
2ALL2	2 x 2	3700	37	5000	2ALL2 37L D37 LP850 NX
2ALL4	2 x 4	4900	50	3000	2ALL4 49L D50 LP830 NX
2ALL4	2 x 4	4900	50	3500	2ALL4 49L D50 LP835 NX
2ALL4	2 x 4	4900	50	4000	2ALL4 49L D50 LP840 NX
2ALL4	2 x 4	4900	50	5000	2ALL4 49L D50 LP850 NX
ALL4	1 x 4	2100	24	3000	ALL4 21L D24 LP830 NX
ALL4	1 x 4	2100	24	3500	ALL4 21L D24 LP835 NX
ALL4	1 x 4	2100	24	4000	ALL4 21L D24 LP840 NX
ALL4	1 x 4	2100	24	5000	ALL4 21L D24 LP850 NX
ALL4	1 x 4	4300	50	3000	ALL4 43L D50 LP830 NX
ALL4	1 x 4	4300	50	3500	ALL4 43L D50 LP835 NX
ALL4	1 x 4	4300	50	4000	ALL4 43L D50 LP840 NX
ALL4	1 x 4	4300	50	5000	ALL4 43L D50 LP850 NX
ALL4	1 x 4	6400	75	3000	ALL4 64L D75 LP830 NX
ALL4	1 x 4	6400	75	3500	ALL4 64L D75 LP835 NX
ALL4	1 x 4	6400	75	4000	ALL4 64L D75 LP840 NX
ALL4	1 x 4	6400	75	5000	ALL4 64L D75 LP850 NX

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications(1x4)

Length: 48 (121.9)
Width: 12-1/4 (31.1)
Depth: 4-3/4 (12.1)

Specifications(2x4)

Length: 48 (121.9)
Width: 24 (61.0)
Depth: 3-3/4 (9.5)
Weight: 30 lbs (13.6 kgs)

Specifications(2x2)

Length: 24 (61.0)
Width: 24 (61.0)
Depth: 3-3/4 (9.5)
Weight: 17 lbs (7.7 kgs)

ACCESSORIES

ORDER SEPARATELY

DGA24	Drywall ceiling adaptor, unit installation for 2x4 fixture
DGA22	Drywall ceiling adaptor, unit installation for 2x2 fixture
DGA14	Drywall ceiling adaptor, unit installation for 1x4 fixture

Notes

- 1 Nominal value varies by color and wattage.
- 2 See configuration for lumen/wattage availability.
- 3 Not available with EL14L battery pack or BLD controls.
- 4 Actual wattage may differ by +/- 5% when operating between 120/277V +/- 10%.
- 5 EL14L not available with 6400 lumen option.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The AL combines clean, fine lines with a unique design that complements any space. The completely luminous optical system provides a concave visual appearance while providing high fixture performance and even illumination.

Features

- Full luminous diffuser combined with concave refractor provides visual interest and clean lines

- 1, 2 or 3 lamp configurations, T5, T5HO, CF40 or T8 lamping
- Available in 2x2, 2x4 or 1x4 configurations
- Set light or step level dimming (switchable to 50% power) available for compliance with common energy codes

Listings

UL Listed to U.S. and Canadian safety standards. Patent pending.

AL

2'x2', 2'x4', 1'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2AL5 2 14T5 MVOLT GEB10PS LP835

Series	Number of lamps ¹	Wattage ¹	Voltage	Ballast configuration	Ballast	Lamp	Options
2AL5 T5 Recessed, 2x2, 2x4	1	14T5 14W T5 (22")	MVOLT 120-277V ²	(blank) One or two lamps, per Lithonia Lighting standards	GEB10IS T8 electronic, <10%THD, instant start	LP835 80 CRI, 3500K	GLR Fast-blow fuse ³
2AL8 T8 Recessed, 2x2, 2x4	2	17 17W T8 (24")	347 347V			LP841 80 CRI, 4100K	
	3	24T5HO 24W T5HO (24")			GEB10PS T5 and T8 electronic, <10% THD, programmed start	LP830 80 CRI, 3000K	EL14 Emergency battery pack, 1400 lumens
AL5 T5 Recessed, 1x4		CF40 40W TT5 (22.5")		1/3 One, three-lamp ballast		LP735 70 CRI, 3500K	
		28T5 28W T5 (46")				LP741 70 CRI, 4100K	
AL8 T8 Recessed, 1x4		32 32W T8 (48")			GEB10RS CF40 electronic ballast, <10% THD, program rapid start ³	LP730 70 CRI, 3000K	
		54T5HO 54W T5HO (46")					

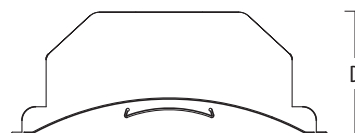
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

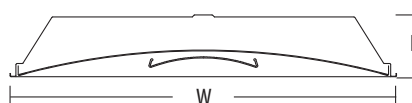
CONFIGURATIONS

SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2AL5	2 x 2	1	14T5	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 2	2	14T5	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 2	3	14T5	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 2	1	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2AL5	2 x 2	2	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2AL5	2 x 2	3	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2AL5	2 x 2	1	CF40	GEB10RS	Standard, set light output, 0.88 BF
2AL5	2 x 2	2	CF40	GEB10RS	Standard, set light output, 0.88 BF
2AL5	2 x 2	3	CF40	GEB10RS	Standard, set light output, 0.88 BF
2AL5	2 x 4	1	28T5	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 4	2	28T5	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 4	3	28T5	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 4	1	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 4	2	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2AL5	2 x 4	3	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2AL8	2 x 2	1	17	GEB10IS	Standard, set light output, 0.88 BF
2AL8	2 x 2	2	17	GEB10IS	Standard, set light output, 0.88 BF
2AL8	2 x 2	3	17	GEB10IS	Standard, set light output, 0.88 BF
2AL8	2 x 4	1	32	GEB10IS	Standard, set light output, 0.88 BF
2AL8	2 x 4	2	32	GEB10IS	Standard, set light output, 0.88 BF
2AL8	2 x 4	3	32	GEB10IS	Standard, set light output, 0.88 BF
AL5	1 x 4	1	28T5	GEB10PS	Standard, set light output, 1.0 BF
AL5	1 x 4	2	28T5	GEB10PS	Standard, set light output, 1.0 BF
AL5	1 x 4	3	28T5	GEB10PS	Standard, set light output, 1.0 BF
AL5	1 x 4	1	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
AL5	1 x 4	2	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
AL5	1 x 4	3	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
AL8	1 x 4	1	32	GEB10IS	Standard, set light output, 0.88 BF
AL8	1 x 4	2	32	GEB10IS	Standard, set light output, 0.88 BF
AL8	1 x 4	3	32	GEB10IS	Standard, set light output, 0.88 BF

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications(1x4)**

Length: 48 (121.9)
Width: 12-1/4 (31.1)
Depth: 4-3/4 (12.1)

**Specifications(2x2) Specifications(2x4)**

Length: 24 (61.0) Length: 48 (121.9)
Width: 24 (61.0) Width: 24 (61.0)
Depth: 3-3/4 (9.5) Depth: 3-3/4 (9.5)

ACCESSORIES**ORDER SEPARATELY**

DGA24	Drywall ceiling adaptor, unit installation for 2x4 fixture
DGA22	Drywall ceiling adaptor, unit installation for 2x2 fixture
DGA14	Drywall ceiling adaptor, unit installation for 1x4 fixture

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- See configurations for lamp/wattage compatibility.
- MVOLT 120-277V, 50-60Hz operation.
- Must specify voltage.

PRODUCT INFORMATION

2ALLS

2'x2', 2'x4', 1'x4'

**Intended Use**

The ALLS LED surface mount series combines clean, fine lines with a unique design that complements any space. The completely luminous optical system provides a concave visual appearance while providing high fixture performance and even illumination. AL is available with several lighting control options including dimming and occupancy sensors to maximize energy savings and complement daylight harvesting.

Features

- Efficacy - up to 100 lpw
- Rated at L80 at 50,000 hours
- Full luminous diffuser combined with concave refractor provides visual interest and clean lines
- Formed and plasma welded corners for clear visual appearance without seams

- Very low profile – only 3-3/4" overall height- 2x2, 2x4
- Unique lumen management system (option N80) provides onboard intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life
- Bi-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance

Listings

UL Listed to U.S. and Canadian safety standards. Patent pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2ALLS2 37L D37 LP835 NX

Series	Lumens ¹	Voltage	Wattage ²	Color temperature	Controls
2ALLS2 2x2	21L 2100 lumens	(blank) MVOLT (120-277V)	D24 24W	LP830 82 CRI, 3000K	NX Dimming, no nLight
2ALLS4 2x4	37L 3700 lumens	347 347V	D37 37W	LP835 82 CRI, 3500K	BLD Bi-level dimming
ALLS4 1x4	43L 4300 lumens		D50 50W	LP840 82 CRI, 4000K	N80 nLight with 80% (L80) lumen management ³
	49L 4900 lumens		D75 75W	LP850 82 CRI, 5000K	N80EMG nLight with 80% (L80) lumen management for use with generator supply EM power ³
	64L 6400 lumens				N100 nLight without lumen management ³
					N100EMG nLight without lumen management for use with generator supply EM power ³

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NOMINAL SIZE	NOMINAL LUMENS	NOMINAL INPUT WATTS	COLOR TEMPERATURE	CATALOG NUMBER
2ALLS2	2 x 2	3700	37	3000	2ALLS2 37L D37 LP830 NX
2ALLS2	2 x 2	3700	37	3500	2ALLS2 37L D37 LP835 NX
2ALLS2	2 x 2	3700	37	4000	2ALLS2 37L D37 LP840 NX
2ALLS2	2 x 2	3700	37	5000	2ALLS2 37L D37 LP850 NX
2ALLS4	2 x 4	4900	50	3000	2ALLS4 49L D50 LP830 NX
2ALLS4	2 x 4	4900	50	3500	2ALLS4 49L D50 LP835 NX
2ALLS4	2 x 4	4900	50	4000	2ALLS4 49L D50 LP840 NX
2ALLS4	2 x 4	4900	50	5000	2ALLS4 49L D50 LP850 NX
ALLS4	1 x 4	2100	24	3000	ALLS4 21L D24 LP830 NX
ALLS4	1 x 4	2100	24	3500	ALLS4 21L D24 LP835 NX
ALLS4	1 x 4	2100	24	4000	ALLS4 21L D24 LP840 NX
ALLS4	1 x 4	2100	24	5000	ALLS4 21L D24 LP850 NX
ALLS4	1 x 4	4300	50	3000	ALLS4 43L D50 LP830 NX
ALLS4	1 x 4	4300	50	3500	ALLS4 43L D50 LP835 NX
ALLS4	1 x 4	4300	50	4000	ALLS4 43L D50 LP840 NX
ALLS4	1 x 4	4300	50	5000	ALLS4 43L D50 LP850 NX
ALLS4	1 x 4	6400	75	3000	ALLS4 64L D75 LP830 NX
ALLS4	1 x 4	6400	75	3500	ALLS4 64L D75 LP835 NX
ALLS4	1 x 4	6400	75	4000	ALLS4 64L D75 LP840 NX
ALLS4	1 x 4	6400	75	5000	ALLS4 64L D75 LP850 NX

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications (2x2)

Length: 24 (61.0)

Width: 24-1/4 (61.6)

Height: 3-3/4 (9.5)

Specifications (2x4)

Length: 48 (121.9)

Width: 24 (61.0)

Height: 3-3/4 (9.5)

Specifications (1x4)

Length: 48 (121.9)

Width: 12-1/4 (31.1)

Height: 4-3/4 (12.1)

Notes

- 1 Approximate lumen output.
- 2 Actual wattage may differ by +/-5% when operating between 120-277V +/-10%.
- 3 Consider CAT5 access when specifying.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The ALS combines clean, fine lines with a unique design that complements any space. The completely luminous optical system provides a concave visual appearance while providing high fixture performance and even illumination.

Features

- Full luminous diffuser combined with concave refractor provides visual interest and clean lines

- 1, 2 or 3 lamp configurations, T5, T5HO, CF40 or T8 lamping
- Available in 2x2, 2x4 or 1x4 configurations
- Set light or step level dimming (switchable to 50% power) available for compliance with common energy codes

Listings

UL Listed to U.S. and Canadian safety standards. Patent pending.

2ALS

2'x2', 2'x4', 1'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2ALS55 2 14T5 MVOLT GEB10PS LP835

Series	Number of lamps	Wattage				Voltage		Ballast configuration		Ballast		Lamps		Options	
2AL5S T5 or CF40 2x2 or 2x4	1	14T5	14W T5 (22")	32	32W (48")	MVOLT	120-277V ¹	(blank)	One or two-lamp ballast, per Lithonia Lighting standards	GEB10IS	T8 electronic ballast, ≤10% THD, instant start	LP835	80 CRI, 3500K	GLR	Fast-blow fuse ²
2AL8S T8 2x2 or 2x4	2	17	17W T8 (24")	28T5	28W T5 (46")	347	347V				GEB10RS	CF40 electronic ballast, ≤10% THD, program rapid start	LP841		
AL5S T5 or CF40 1x4	3	24T5HO	24W T5HO (22")	54T5HO	54W T5HO (46")	CF40	40W T5 (22.5")	1/3	One, three-lamp ballast	GEB10PS	T5 and T8 electronic ballast, ≤10% THD, programmed start	LP830	80 CRI, 3000K	EL14	Emergency battery pack, 1400 lumens
AL8S T8 1x4															
												LP730	70 CRI, 3000K		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST	DESCRIPTION
2ALS5	2 x 2	1	14T5	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 2	2	14T5	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 2	3	14T5	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 2	1	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2ALS5	2 x 2	2	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2ALS5	2 x 2	3	24T5HO	GEB10PS	High Light, set light output, 1.0 BF
2ALS5	2 x 2	1	CF40	GEB10RS	Standard, set light output, 0.88 BF
2ALS5	2 x 2	2	CF40	GEB10RS	Standard, set light output, 0.88 BF
2ALS5	2 x 2	3	CF40	GEB10RS	Standard, set light output, 0.88 BF
2ALS5	2 x 4	1	28T5	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 4	2	28T5	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 4	3	28T5	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 4	1	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 4	2	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2ALS5	2 x 4	3	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
2ALS8	2 x 2	1	17	GEB10IS	Standard, set light output, 0.88 BF
2ALS8	2 x 2	2	17	GEB10IS	Standard, set light output, 0.88 BF
2ALS8	2 x 2	3	17	GEB10IS	Standard, set light output, 0.88 BF
2ALS8	2 x 4	1	32	GEB10IS	Standard, set light output, 0.88 BF
2ALS8	2 x 4	2	32	GEB10IS	Standard, set light output, 0.88 BF
2ALS8	2 x 4	3	32	GEB10IS	Standard, set light output, 0.88 BF
ALS5	1 x 4	1	28T5	GEB10PS	Standard, set light output, 1.0 BF
ALS5	1 x 4	2	28T5	GEB10PS	Standard, set light output, 1.0 BF
ALS5	1 x 4	3	28T5	GEB10PS	Standard, set light output, 1.0 BF
ALS5	1 x 4	1	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
ALS5	1 x 4	2	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
ALS5	1 x 4	3	54T5HO	GEB10PS	Standard, set light output, 1.0 BF
ALS8	1 x 4	1	32	GEB10IS	Standard, set light output, 0.88 BF
ALS8	1 x 4	2	32	GEB10IS	Standard, set light output, 0.88 BF
ALS8	1 x 4	3	32	GEB10IS	Standard, set light output, 0.88 BF

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications (2x2)

Length: 24 (61.0)

Width: 24-1/4 (61.6)

Height: 3-3/4 (9.5)

Specifications (2x4)

Length: 48 (121.9)

Width: 24 (61.0)

Height: 3-3/4 (9.5)

Specifications (1x4)

Length: 48 (121.9)

Width: 12-1/4 (31.1)

Height: 4-3/4 (12.1)

ACCESSORIES**ORDER SEPARATELY**

SQ	Swivel-stem hanger (specify in 2" increments)
1B	Ceiling spacer (adjusts from 1-1/2" to 2-1/2" from ceiling)

Notes

- MVOLT 120-277V, 50-60Hz operation.
- Must specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

SBSL

2'x2', 2'x4'



Intended Use

The Shadow Box Square combines digital lighting and control technologies with an aesthetically pleasing, uniform brightness and clean lines which make the SBSL the perfect solution for applications such as schools, offices and hospitals. The combination of perforated perimeter with white center section is a unique look for today's recessed ceiling applications. High-efficacy light engine delivers long life and excellent color, ensuring a superior quality light installation that is highly efficient and sustainable.

Features

- 2'x2' SBSL replaces 2- to 4-lamp T8; 2'x4' SBSL replaces 2- lamp T5 or T8
- 2'x2' and 2'x4' configurations

- 3300 and 4600 lumen packages
- Excellent lumen maintenance - L80 50,000 hrs
- Stylish open matte white surrounded by perforated patterned trim creates a unique lighted appearance and adds visual interest to the space
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.



ORDERING INFORMATION

Specifications subject to change.

Example: 2SBSL2 33L RW D38 LP835 N80

Series		Lamp type		Door		Voltage		Wattage		Color temperature		Control		Options	
2SBSL2	Recessed LED, 2x2	33L	3300 lumens ^{1,2}	FW	Flush aluminum, white	(blank)	MVOLT (120-277V)	D38	38W ^{2,4,5}	LP830	82 CRI, 3000K ⁶	NX	Less controls	EL14L	1400 lumen emergency battery
2SBSL4	Recessed LED, 2x4	46L	4600 lumens ^{1,3}					D50	50W ^{3,4,5}	LP835	82 CRI, 3500K	BLD	Bi-level dimming		
				RW	Regressed aluminum, white			LP840	82 CRI, 4000K	N80	nLight with 80% lumen management				
								LP850	82 CRI, 5000K ⁶	N80EMG	nLight with 80% lumen management. For use with generator supply EM power				
										N100EMG	nLight without lumen management. For use with generator supply EM power				
										N100EMG	nLight without lumen management. For use with generator supply EM power				

ADDITIONAL INFORMATION

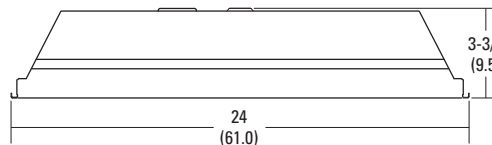
For additional product information, visit www.lithonia.com.

NLIGHT® CONTROL ACCESSORIES:

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Cat-5 cable bundles (plenum rated)	Model number
10', 15 pieces per bundle	CATS 10FT
30', 15 pieces per bundle	CATS 30FT

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications (2x4)

Length: 48 (122.0)
Width: 24 (61.0)
Depth: 3-3/4 (9.5)

Specifications (2x2)

Length: 24 (61.0)
Width: 24 (61.0)
Depth: 3-3/4 (9.5)

ACCESSORIES

ORDER SEPARATELY

DGA24	Drywall grid adapter for 2x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture

Notes

- 1 Nominal lumens.
- 2 Only available with 2SBSL2.
- 3 Only available with 2SBSL4.
- 4 Nominal wattage.
- 5 Actual wattage may differ by +/- 5% when operating between 120/277V +/- 10%.
- 6 Extended lead time.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The Shadow Box Square surface mount combines digital lighting and control technologies with an aesthetically pleasing, uniform brightness and clean lines which make the SBSLX the perfect solution for applications such as schools, offices and hospitals. The combination of perforated perimeter with white center section is a unique look for today's surface ceiling applications. High-efficacy light engine delivers long life and excellent color, ensuring a superior quality light installation that is highly efficient and sustainable.

Features

- 2'x2' SBSLX replaces 2- to 4-lamp T8; 2'x4' SBSLX replaces 2- lamp T5 or T8

- 2'x2' and 2'x4' configurations designed for surface mount applications
- 3300 and 4600 lumen packages
- Excellent lumen maintenance - L80 50,000 hrs
- Stylish open matte white surrounded by perforated patterned trim creates a unique lighted appearance and adds visual interest to the space
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.

2SBSLX

2'x2', 2'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2SBSLX2 33L RW D38 LP835 N80

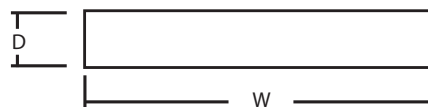
Series	Lamp type	Door	Voltage	Wattage	Color temperature	Control	Options
2SBSLX2 LED Surface Mount, 2x2	33L 3300 lumens ^{1,2}	FW Flush aluminum, white	(blank) MVOLT (120-277V)	D38 38W ^{2,4,5}	LP830 82 CRI, 3000K ⁶	NX Less controls	EL14L 1400 lumen emergency battery
2SBSLX4 LED Surface Mount, 2x4	46L 4600 lumens ^{1,3}	RW Regressed aluminum, white		D50 50W ^{3,4,5}	LP835 82 CRI, 3500K LP840 82 CRI, 4000K LP850 82 CRI, 5000K ⁶	BLD Bi-level dimming N80 nLight with 80% lumen management N80EMG nLight with 80% lumen management. For use with generator supply EM power N100 nLight without lumen management N100EMG nLight without lumen management. For use with generator supply EM power.	

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**NLIGHT® CONTROL ACCESSORIES:**

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/ NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Cat-5 cable bundles (plenum rated)	Model number
10', 15 pieces per bundle	CAT5 10FT
30', 15 pieces per bundle	CAT5 30FT

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications (2x4)	Specifications (2x2)
Length: 48-3/4 (123.8)	Length: 24-3/4 (62.9)
Width: 24-3/4 (62.9)	Width: 24-3/4 (62.9)
Depth: 4-3/4 (12.1)	Depth: 4-3/4 (12.1)

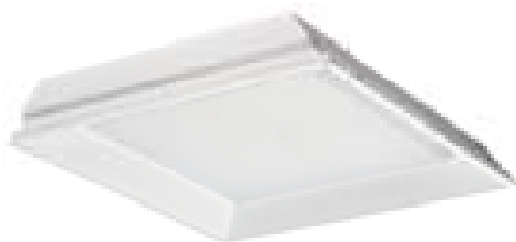
Notes

- 1 Nominal lumens.
- 2 Only available with 2SBSLX2.
- 3 Only available with 2SBSLX4.
- 4 Nominal wattage.
- 5 Actual wattage may differ by +/- 5% when operating between 120/277V +/-10%.
- 6 Extended lead time.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

2ACL

2'x2', 2'x4'



Intended Use

The ACLLED architectural coffer combines digital LED lighting and control technologies with a high performance optical system to deliver general ambient lighting for many applications such as schools, offices, and hospitals. High efficacy light engine delivers long life and excellent color, ensuring a superior quality light installation that is highly efficient and sustainable.

Features

- 2'x2' ACL replaces 2- to 4-lamp T8; 2'x4' ACL replaces 2- lamp T5 or T8
- 2'x2' and 2'x4' configurations
- 3500 and 4800 lumen packages
- Excellent lumen maintenance - L80 50,000 hrs

- Standard deep regressed door frame with step baffles provides unique architectural appearance
- Frosted acrylic tile provides superior efficiency and a clean quite appearance in the ceiling
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.



ORDERING INFORMATION

Specifications subject to change.

Example: 2ACL2 35L D38 LP835 N100

Series	Lumens	Voltage	Wattage	Color temperature	Controls	Options
2ACL2 Recessed LED, 2x2	35L 3500 lumens ^{1,2}	(blank) MVOLT (120-277V)	D38 38W ^{2,4,5}	LP830 82 CRI, 3000K ⁶	NX Less controls	EL14L 1400 lumen emergency battery pack
2ACL4 Recessed LED, 2x4	48L 4800 lumens ^{1,3}		D50 50W ^{3,4,5}	LP835 82 CRI, 3500K LP840 82 CRI, 4000K LP850 82 CRI, 5000K ⁶	BLD Bi-level dimming N80 nLight with 80% (L80) lumen management N80EMG nLight with 80% (L80) lumen management. For use with generator supply EM power N100 nLight without lumen management N100EMG nLight without lumen management. For use with generator supply EM power	

ADDITIONAL INFORMATION

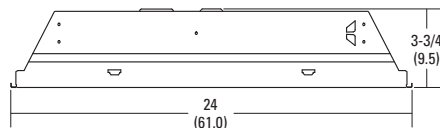
For additional product information, visit www.lithonia.com.

NLIGHT® CONTROL ACCESSORIES:

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Cat-5 cable bundles (plenum rated)	Model number
10', 15 pieces per bundle	CAT5 10FT
30', 15 pieces per bundle	CAT5 30FT

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications(2x4)	Specifications(2x2)
Length: 48 (122.0)	Length: 24 (61.0)
Width: 24 (61.0)	Width: 24 (61.0)
Depth: 3-3/4 (9.5)	Depth: 3-3/4 (9.5)

Notes

- 1 Nominal lumens.
- 2 Only available with 2ACL2.
- 3 Only available with 2ACL4.
- 4 Nominal wattage.
- 5 Actual wattage may differ by +/- 5% when operating between 120/277V +/- 10%.
- 6 Extended lead time.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The ACLD surface mount architectural coffer combines digital LED lighting and control technologies with a high performance optical system to deliver general ambient lighting for many applications such as schools, offices, and hospitals. High efficacy light engine delivers long life and excellent color, ensuring a superior quality light installation that is highly efficient and sustainable.

Features

- 2'x2' ACLX replaces 2- to 4-lamp T8; 2'x4' ACLX replaces 2- lamp T5 or T8
- 2'x2' and 2'x4' configurations designed for surface mount applications

- 3500 and 4800 lumen packages
- Excellent lumen maintenance - L80 50,000 hrs
- Standard deep regressed door frame with step baffles provides unique architectural
- Frosted acrylic tile provides superior efficiency and a clean, quiet appearance
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.

2ACLX

2'x2', 2'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2ACLX2 35L D38 LP835 N100

Series	Lumens	Voltage	Wattage	Color temperature	Controls	Options
2ACLX2 Surface Mount LED, 2x2	35L 3500 lumens ^{1,2}	(blank) MVOLT (120-277V)	D38 38W ^{2,4,5}	LP830 82 CRI, 3000K ⁶	NX Less controls	EL14L 1400 lumen emergency battery pack
2ACLX4 Surface Mount LED, 2x4	48L 4800 lumens ^{1,3}	347 347V	D50 50W ^{3,4,5}	LP835 82 CRI, 3500K	BLD Bi-level dimming	
				LP840 82 CRI, 4000K	N80 nLight with 80% (L80) lumen management	
				LP850 82 CRI, 5000K ⁶	N80EMG nLight with 80% (L80) lumen management. For use with generator supply EM power	
					N100 nLight without lumen management	
					N100EMG nLight without lumen management. For use with generator supply EM power	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

NLIGHT® CONTROL ACCESSORIES:

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Cat-5 cable bundles (plenum rated)	Model number
10', 15 pieces per bundle	CAT5 10FT
30', 15 pieces per bundle	CAT5 30FT

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications(2x4)	Specifications(2x2)
Length: 48-3/4 (123.8)	Length: 24-3/4 (62.9)
Width: 24-3/4 (62.9)	Width: 24-3/4 (62.9)
Depth: 4-3/4 (12.1)	Depth: 4-3/4 (12.1)

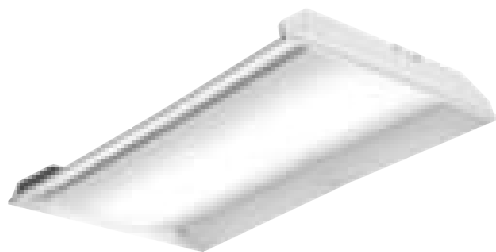
Notes

- 1 Nominal lumens.
- 2 Only available with 2ACLX2.
- 3 Only available with 2ACLX4.
- 4 Nominal wattage.
- 5 Actual wattage may differ by +/- 5% when operating between 120/277V +/- 10%.
- 6 Extended lead time.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

2FSL4

2'x4'



Intended Use

The FS Series Architectural LED luminaire combines aesthetics and performance in a general lighting product that enables the transformation from fluorescent to modern architectural LED. The high-efficacy LED light engine delivers long life and excellent color while ensuring a quality lighting installation. Integrated controls options provide for design flexibility and optimum energy savings.

The FS Series Architectural LED provides quality ambient lighting — with no distracting glare — and uniformity of the aperture for a quiet ceiling and balanced task-to-vertical illumination. It is ideal for general-ambient commercial applications including offices, schools, retail locations and healthcare facilities.

Features

- Lumen packages: 3000, 4000, 4800, 6000, or 7200 lumens
- Contractor-friendly construction for minimal jobsite assembly with no special handling required or excess material to dispose of
- SMART + SIMPLE. Enabled with nLight® digital technology allowing it to communicate with Acuity Brands control devices such as occupancy sensors, photocells and wall stations
- Increased energy savings by including nLight lumen management

Listings

CSA Certified to meet U.S. and Canadian standards.
DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2FSL4 40L EZ1 LP835 N100

Series	Air function	Lumens ¹	Lens	Voltage	Driver	Color temperature	Controls	Options
2FSL4 2x4 FSL	(blank) Static H Heat removal	30L 3000	(blank) Satin white	(blank) MVOLT 347 347 ²	EZ1 eldoLED Dims to 1%	LP830 3000K	(blank) No controls	EL7L 700 lumen battery pack
		40L 4000			EZB eldoLED Dims to Black	LP835 3500K	N80 nLight with 80% lumen management ³	
		48L 4800			EDB eldoLED DALI	LP840 4000K	N80EMG nLight with 80% lumen management. For use with generator supply EM power ³	EL14L 1400 lumen battery pack
		60L 6000			EXB eldoLED DMX/RDM	LP850 5000K	N100 nLight without lumen management ³	
		72L 7200			SLD Step-level dimming		N100EMG nLight without lumen management. For use with generator supply EM power ³	

ADDITIONAL INFORMATION

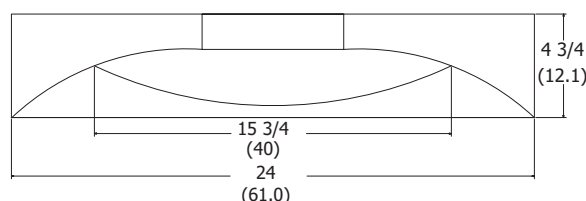
For additional product information, visit www.lithonia.com.

NLIGHT® CONTROL ACCESSORIES:

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Cat-5 cable bundles (plenum rated)	Model number
10', 15 pieces per bundle	CATS 10FT J1
30', 15 pieces per bundle	CATS 30FT J1

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications (2x4)

Length: 48 (122.0)
Width: 24 (61.0)
Depth: 4-3/4 (12.1)

ACCESSORIES

ORDER SEPARATELY

2FSL4 F916	Trim to adjust fixture mounting flush with 9/16" T-bar; for 2x4 fixture
DGA24	Drywall ceilings adaptor, unit installation.

Notes

- Approximate lumen output.
- Consult factory availability. Not available with EL14L battery pack or SLD controls.
- Not available with driver options: EZB, EDB or EXB.

Intended Use

The FS Series Architectural LED luminaire combines aesthetics and performance in a general lighting product that enables the transformation from fluorescent to modern architectural LED. The high-efficacy LED light engine delivers long life and excellent color while ensuring a quality lighting installation. Integrated controls options provide for design flexibility and optimum energy savings.

The FS Series Architectural LED provides quality ambient lighting — with no distracting glare — and uniformity of the aperture for a quiet ceiling and balanced task-to-vertical illumination. It is ideal for general-ambient commercial applications including offices, schools, retail locations and healthcare facilities.

Features

- Lumen packages: 2000, 3300, or 4000 lumens
- Contractor-friendly construction for minimal jobsite assembly with no special handling required or excess material to dispose of
- SMART + SIMPLE. Enabled with nLight® digital technology allowing it to communicate with Acuity Brands control devices such as occupancy sensors, photocells and wall stations
- Increased energy savings by including nLight lumen management

Listings

CSA Certified to meet U.S. and Canadian standards.
DesignLights Consortium® qualified product.

2FSL2

2'x2'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2FSL2 20L EZ1 LP835 N100

Series	Air function	Lumens ¹	Lens	Voltage	Driver	Color temperature	Controls	Options
2FSL2 2x2 FSL	(blank) Static H Heat removal	20L 2000 33L 3300 40L 4000	(blank) Satin white	(blank) MVOLT 347 347 ²	EZ1 eldoLED Dims to 1% EZB eldoLED Dims to Black EDB eldoLED DALI EXB eldoLED DMX/RDM SLD Step-level dimming	LP830 3000K LP835 3500K LP840 4000K LP850 5000K	(blank) No controls N80 nLight with 80% lumen management ³ N80EMG nLight with 80% lumen management. For use with generator supply EM power ³ N100 nLight without lumen management ³ N100EMG nLight without lumen management. For use with generator supply EM power ³	EL7L 700 lumen battery pack EL14L 1400 lumen battery pack

ADDITIONAL INFORMATION

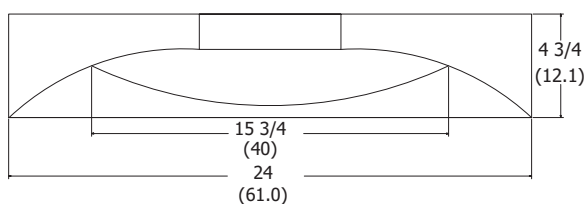
For additional product information, visit www.lithonia.com.

NLIGHT® CONTROL ACCESSORIES:

ORDER AS SEPARATE CATALOG NUMBER. VISIT WWW.SENSORSWITCH.COM/NLIGHT FOR COMPLETE LISTING OF NLIGHT CONTROLS.

WallPod stations	Model number
On/Off	nPODM [color]
On/Off & Raise/Lower	nPODM DX [color]
Graphic Touchscreen	nPOD GFX
Photocell controls	Model number
Continuous dimming	nCM ADC
On/Off & Dimming	nCM PC ADC
Occupancy sensors	Model number
Standard range 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
Extended range 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Cat-5 cable bundles (plenum rated)	Model number
10', 15 pieces per bundle	CAT5 10FT J1
30', 15 pieces per bundle	CAT5 30FT J1

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications(2x2)

Length: 24 (61.0)

Width: 24 (61.0)

Depth: 4-3/4 (12.1)

ACCESSORIES**ORDER SEPARATELY**

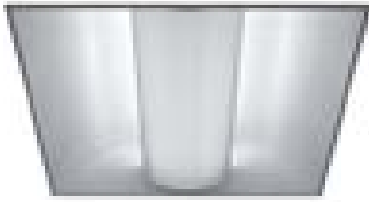
2FSL2 F916	Trim to adjust fixture mounting flush with 9/16" T-bar; for 2x2 fixture
DGA22	Drywall ceilings adaptor, unit installation.

Notes

- 1 Approximate lumen output.
- 2 Consult factory availability. Not available with EL14L battery pack or SLD controls.
- 3 Not available with driver options: EZB, EDB or EXB.

2AV

2'x2', 2'x4'



Intended Use

Excellent choice for general commercial applications including open office areas, public indoor spaces, libraries and airports.

Features

- Delivers optimum mix of direct and diffuse reflected light for balanced illumination on horizontal and vertical surfaces
- Provides enhanced visual comfort and minimizes shadowing
- Available in 2'x2' and 2'x4' symmetric distributions
- Row mounting capable
- Choice of several shielding options

- Standard smooth reflectors finished with matte-white powder paint
- Optional diffuse aluminum stepped reflectors available
- Light traps prevent light leaks between shielding and end plates

Listings

UL Listed, cUL Listed or CSA Certified to Canadian standards. NOM certified - optional. Protected by one or more of U.S. Patents Nos. 5,988,829; 399,586; 411,641; 413,402; 2,212,513; 87,513.

ORDERING INFORMATION

Specifications subject to change.

Example: 2AV G 2 32 MDR MVOLT GEB10IS

Series	Trim	Air function	Number of lamps	Lamp type	Diffuser	Voltage
2AV 2' wide, symmetric distribution	G Grid trim	(blank) Standard	1	14T5 14W T5 (22")	MDR Metal diffuser, round holes	MVOLT
	ST Screw slot	A Air supply/return	2	17 17W T8 (24")	SBL Straight blade louver, round holes	347 ¹
			3	24T5HO 24W T5HO (22")	MDM Metal diffuser, mini slots	
			Not included.	28T5 28W T5 (46")	ADP Acrylic diffuser, linear prismatic lens	
				32 32W T8 (48")	MDC Metal diffuser, round holes with large center slots	
				54T5HO 54W T5HO (46")	MDS Metal solid diffuser	
				CF40 40W TTS (24")		
				CF50 50W TTS (24")		
Ballast configuration			Ballast		Options	
(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards		GEB10IS	T8 and CF electronic ballast, ≤10% THD, instant start	ALG	Acrylic litter guard
1/3	One 3-lamp ballast		GEB10RS	T8 and CF electronic ballast, ≤10% THD, programmed rapid start	GLR	Internal fast-blow fuse ³
			GEB10PS	T5 electronic ballast, ≤10% THD, programmed rapid start	APB	Air pattern control blades
			BINP	T8 high-efficiency ballast, Normal ballast factor (.88), instant start ²	ASR	Aluminum stepped reflector
					EL	Emergency battery pack ⁴
					PWS1836	6' prewire, 3/8" dia., 18-gauge, 3 wires
					CSA	Meets Canadian standards
					NOM	Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

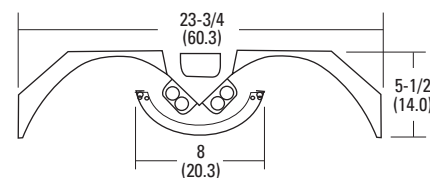
CONFIGURATIONS				
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST
AV	2'x4'	1, 2, 3	28T5, 54T5HO	GEB10PS
AV	2'x4'	1, 2, 3	32	GEB10IS, GEB10RS
AV	2'x2'	1, 2, 3	14T5, 24T5HO	GEB10PS
AV	2'x2'	1, 2, 3	17	GEB10IS, GEB10RS
AV	2'x2'	1, 2, 3	CF40, CF50	GEB10IS, GEB10RS

ACCESSORIES

ORDER SEPARATELY

DGA_ Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4'; 22 for 2'x2').

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Available only with CSA option.
- ² Consult www.lithonia.com for additional high-efficiency ballasts.
- ³ Specify voltage.
- ⁴ Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Symmetric 1'x4' Avante is an excellent choice for general indoor lighting, used in either patterns or continuous row mounting. 1'x2' versions are ideal for finishing out rows or stand alone in small spaces. Companion to 2' wide products.

Features

- Delivers optimum mix of direct and diffuse reflected light for balanced illumination on horizontal and vertical surfaces
- Provides enhanced visual comfort and minimizes shadowing
- Available in 1'x2' and 1'x4' symmetric distributions
- Row mounting capable
- Choice of several shielding options

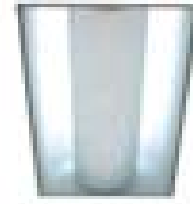
- Standard smooth reflectors finished with matte-white powder paint
- Optional diffuse aluminum stepped reflectors available
- Light traps prevent light leaks between shielding and end plates

Listings

UL Listed, cUL Listed or CSA Certified to Canadian standards. NOM certified - optional. Protected by one or more of U.S. Patents Nos. 5,988,829; 399,586; 411,641; 413,402; 2,212,513; 87,513.

AV

1'x2', 1'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: AV G 2 32 MDR MVOLT GEB10IS

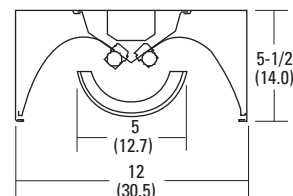
Series	Trim	Air function	Number of lamps	Lamp type	Diffuser	Voltage
AV 1' wide, symmetric distribution	G Grid trim	(blank) Standard	1	14T5 14W T5 (22")	MDR Metal diffuser, round holes	MVOLT 347 ²
	ST Screw slot	A Air supply/return	2	17 17W T8 (24")	SBL Straight blade louver, round holes	
				24T5HO 24W T5HO (22")	MDM Metal diffuser, mini slots	
				28T5 28W T5 (46")		
				32 32W T8 (48")		
				54T5HO 54W T5HO (46")		
				CF40 40W TT5 (24") ¹		
Ballast				Options		
GEB10IS	T8 and CF electronic ballast, ≤10% THD, instant start			ALG	Acrylic litter guard	
GEB10RS	T8 and CF electronic ballast, ≤10% THD, programmed rapid start			EL	Emergency battery pack ⁴	
BINP	T8 high-efficiency ballast, normal ballast factor (.88) instant start ³			GLR	Internal fast-blow fuse ⁵	
GEB10PS	T5 electronic ballast, ≤10% THD, programmed rapid start			ASR	Aluminum stepped reflector	
				PWS1836	6' prewire, 3/8" dia., 18-gauge, 3 wires	
				CSA	Meets Canadian standards	
				NOM	Meets Mexican standards	

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST
AV	1'x4'	1, 2	28T5, 54T5HO	GEB10PS
AV	1'x4'	1, 2	32	GEB10IS, GEB10RS, BINP
AV	1'x2'	1, 2	14T5, 24T5HO	GEB10PS
AV	1'x2'	1, 2	17	GEB10IS, GEB10RS, BINP
AV	1'x2'	1	CF40	GEB10IS, GEB10RS

ACCESSORIES	
ORDER SEPARATELY	
DGA	Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 12 for 1'x2'; 14 for 1'x4').

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 One-lamp only.
- 2 Available only with CSA option.
- 3 Consult www.lithonia.com for additional high-efficiency ballast options.
- 4 Consult www.lithonia.com for available options.
- 5 Specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

AV

Asymmetric
1'x2', 1'x4'



Intended Use

Ideal for dedicated wall washing or in combination with symmetric luminaires to maintain perimeter illumination. Excellent choice for accent lighting for retail applications in continuous rows.

Features

- Delivers optimum mix of direct and diffuse reflected light for uniform vertical illumination
- Provides enhanced visual comfort and minimizes shadowing
- Available in 1'x2' and 1'x4' asymmetric distributions
- Row mounting capable

- Available with MDR and MDM shielding options
- Standard smooth reflectors finished with matte-white powder paint
- Optional diffuse aluminum stepped reflectors available
- Light traps prevent light leaks between shielding and end plates

Listings

UL Listed, cUL Listed or CSA Certified to Canadian standards. NOM Certified - optional. Protected by one or more of U.S. Patents Nos. 5,988,829; 399,586; 411,641; 413,402; 2,212,513; 87,513.

ORDERING INFORMATION

Specifications subject to change.

Example: AV G 2 32 MDR ASY MVOLT GEB10IS

Series	Trim	Air function	Number of lamps	Lamp type	Diffuser	Distribution
AV 1' wide, asymmetric distribution	G Grid trim	(blank) Standard	1	14T5 14W T5 (22")	MDR Metal diffuser, round holes	ASY Asymmetric distribution
	ST Screw slot	A Air supply/return ¹	2	17 17W T8 (24")	MDM Metal diffuser, mini slots	
				24T5HO 24W T5HO (22")		
				28T5 28W T5 (46")		
				32 32W T8 (48")		
				54T5HO 54W T5HO (46")		
				CF40 40W TT5 (24") ²		
				CF50 50W TT5 (24") ²		
Voltage	Ballast				Options	
MVOLT 347 ³	GEB10IS	T8 and CF electronic ballast, ≤10% THD, instant start			ALG	Acrylic litter guard
	GEB10RS	T8 and CF electronic ballast, ≤10% THD, programmed rapid start			EL	Emergency battery pack ⁵
	GEB10PS	T5 electronic ballast, ≤10% THD, programmed rapid start			GLR	Internal fast-blow fuse ⁶
	BINP	T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁴			PWS1836	6' prewire, 3/8" dia., 18-gauge, 3 wires
					ASR	Aluminum stepped reflector
					CSA	Meets Canadian standards
					NOM	Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

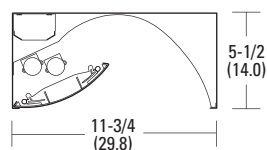
CONFIGURATIONS				
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST
AV - ASY	1'x4'	1, 2	28T5, 54T5HO	GEB10PS
AV - ASY	1'x4'	1, 2	32	GEB10IS, GEB10RS
AV - ASY	1'x2'	1, 2	14T5, 24T5HO	GEB10PS
AV - ASY	1'x2'	1, 2	17	GEB10IS, GEB10RS
AV - ASY	1'x2'	1	CF40, CF50	GEB10IS, GEB10RS

ACCESSORIES

ORDER SEPARATELY

DGA_ Drywall ceiling adaptor, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 12 for 1'x2'; 14 for 1'x4').

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available in AV 1'x2' asymmetric.
- 2 One-lamp only.
- 3 Available only with CSA option.
- 4 Consult www.lithonia.com for additional high-efficiency ballast options.
- 5 Consult www.lithonia.com for available options.
- 6 Must specify 120 or 277V.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Side-mount Avante is especially suited for conference rooms, corridors and reception areas where soft, distinctive lighting is required.

Features

- Delivers optimum mix of direct and diffuse reflected light for balanced illumination on horizontal and vertical surfaces
- Provides enhanced visual comfort and minimizes shadowing
- Available in 2'x2' and 2'x4' symmetric distributions
- Row mounting capable
- Available with MDR and MDM shielding options

- Standard smooth reflectors finished with matte-white powder paint
- Optional diffuse aluminum stepped reflectors available
- Light traps prevent light leaks between shielding and end plates

Listings

UL Listed, cUL Listed or CSA Certified to Canadian standards. NOM Certified - optional. Protected by one or more of U.S. Patents Nos. 5,988,829; 399,586; 411,641; 413,402; 2,212,513; 87,513.

2AV

Side-Mount Diffuser

2'x2', 2'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2AV G 2 32 MDR SMD MVOLT GEB10IS

Series	Trim	Number of lamps	Lamp type	Diffuser	Distribution	Voltage
2AV 2' wide, symmetric distribution	G Grid trim	2	14T5 14W T5 (22")	MDR Metal diffuser, round holes	SMD Side-mounted diffuser	MVOLT 347 ²
	ST Screw slot	4	17 17W T8 (24")	MDM Metal diffuser, mini slots		
			24T5HO 24W T5HO (22")			
			28T5 28W T5 (46")			
			32 32W T8 (48")			
			54T5HO 54W T5HO (46")			
			CF40 40W TT5 (24") ¹			
			CF50 50W TT5 (24") ¹			
Ballast configuration		Ballast			Options	
(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start			ALG	Acrylic litter guard	
1/4 One 4-lamp ballast (T8 lamp type only)	GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed rapid start			GLR	Internal fast blow fuse ⁴	
	GEB10PS T5 electronic ballast, ≤10% THD, programmed rapid start			EL	Emergency battery pack ⁵	
	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start ³			PWS1836	6' prewire, 3/8" dia., 18-gauge, 3 wires	
				CSA	Meets Canadian standards	
				NOM	Meets Mexican standards	
				ASR	Aluminum stepped reflector	

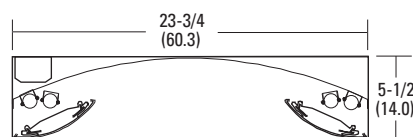
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	BALLAST
AV	2'x4'	2, 4	28T5, 54T5HO	GEB10PS
AV	2'x4'	2, 4	32	GEB10IS, GEB10RS
AV	2'x2'	2, 4	14T5, 24T5HO	GEB10PS
AV	2'x2'	2, 4	17	GEB10IS, GEB10RS
AV	2'x2'	2	CF40, CF50	GEB10IS, GEB10RS

ACCESSORIES	
ORDER SEPARATELY	
DGA_	Drywall ceiling adapter, unit installation. Use G trim plus DGA for support in plaster ceilings. (Add 24 for 2'x4', 22 for 2'x2'.)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Two-lamp only.
- 2 Available only with CSA option.
- 3 Consult www.lithonia.com for additional high-efficiency ballast options.
- 4 Specify voltage.
- 5 Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

AVSM

Surface Suspended



Intended Use

Suitable for general area or task-specific lighting applications. Ideal for use in conference rooms, reception areas, healthcare, education facilities and commercial office space.

Features

- Can be surface mounted or suspended
- Available in 1'x2' and 1'x4' sizes
- Row mounting capable

- Available with MDR, MDM and SBL shielding options
- Reflector option includes painted white steel reflectors with or without semi-perforated option for up-light or diffuse aluminum stepped reflector

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards – optional. NOM Certified – optional.

ORDERING INFORMATION

Specifications subject to change.

Example: AVSM 2 32 MDR DLS MVOLT GEB10IS

Series	Number of lamps	Lamp type	Diffuser	Distribution	Voltage
AVSM 2' and 4' length	1	14T5 14W T5 (22")	MDR Metal diffuser, round holes	ULR Uplight, round hole, perforated band ²	MVOLT
TAVSM 8' length	2	17 17W T8 (24")	MDM Metal diffuser, mini slots	DLS Downlight, solid	347 ³
		24T5HO 24W T5HO (22")	SBL Straight blade louver, round holes		
		28T5 28W T5 (46")			
		32 32W T8 (48")			
		54T5HO 54W T5HO (46")			
		CF40 40W TT5 (24") ¹			
		CF50 50W TT5 (24") ¹			

Ballast

GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start
 GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed rapid start
 GEB10PS T5 electronic ballast, ≤10% THD, programmed rapid start
 BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start⁴

Options⁵

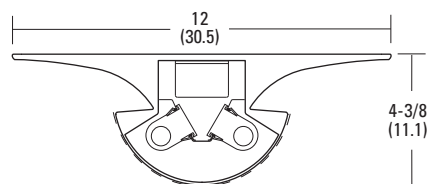
ALG Acrylic litter guard
 GLR Internal-fast blow fuse⁶
 EL Emergency battery pack⁷
 ASR Aluminum stepped reflector⁸
 NOM Meets Mexican standards
 CSA Meets Canadian standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	NOMINAL LENGTH	NUMBER OF LAMPS	LAMP TYPE	BALLAST
AVSM	2'	1, 2	17	GEB10IS, GEB10RS
AVSM	2'	1, 2	14T5, 24T5HO	GEB10PS
AVSM	2'	1	CF40, CF50	GEB10IS, GEB10RS
AVSM	4'	1, 2	32	GEB10IS, GEB10RS
AVSM	4'	1, 2	28T5, 54T5HO	GEB10PS
TAVSM	8'	1, 2	32	GEB10IS, GEB10RS
TAVSM	8'	1, 2	28T5, 54T5HO	GEB10PS

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 One-lamp only.
- 2 For suspended mounting only.
- 3 Available only with CSA option.
- 4 Consult www.lithonia.com for additional high-efficiency ballast options.
- 5 For mounting options, refer to page 103.
- 6 Specify voltage.
- 7 Consult www.lithonia.com for available options.
- 8 Not available with GLR.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

AVS

Sconces

Intended Use

Fixtures intended for corridor or accent lighting in hospitality, educational, offices or health care applications.

Features

- Matching companion sconces for Avante recessed and surface products
- AVSC and AVSP provide distinctive look for surface mounting applications

- AVSR used in recessed applications, galvanized rough-in box included
- ADA compliant
- Available with MDR and MDM shielding options

Listings

UL Listed, cUL Listed or CSA Certified to Canadian standards.
NOM Certified - optional.



ADA

ORDERING INFORMATION

Specifications subject to change.

Example: AVSP 2 13TT MDR 120

Series	Number of lamps ¹	Lamp type ¹	Diffuser	Voltage	Options
AVSP Perforated shield	1	13TT	MDR Metal diffuser, round holes	120	ALB Anodized aluminum backplate ³
AVSR Recessed perforated	2	13DTT	MDM Metal diffuser, mini slots	277	ASR Aluminum stepped reflector ⁴
AVSC Cylinder		CF18		347 ²	CSA Meets Canadian standards
		26DTT		MVOLT	NOM Meets Mexican standards
		26TRT			
		32TRT			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

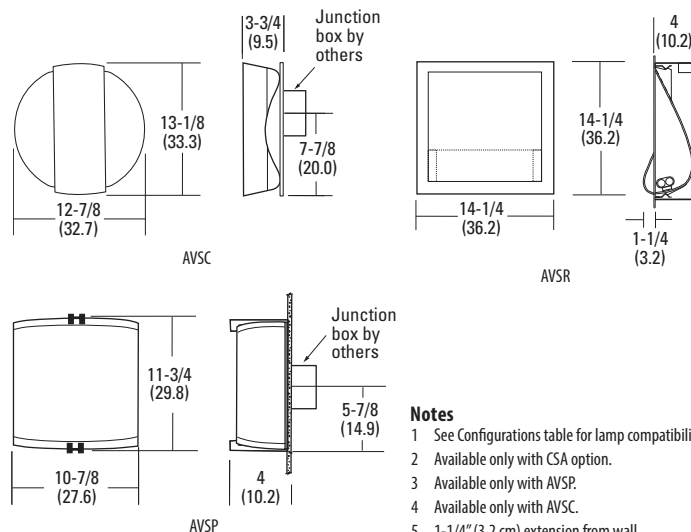
CONFIGURATIONS

SERIES	NUMBER OF LAMPS	LAMP TYPE	WIDTH IN. (CM)	DEPTH IN. (CM)	LENGTH IN. (CM)
AVSP	2	13TT, 13DTT, 26DTT	10-7/8 (27.6)	4 (10.2)	11-3/4 (29.8)
AVSR ⁵	1	CF18, 26DTT, 26TRT, 32TRT	14-1/4 (36.2)	4 (10.2)	14-1/4 (36.2)
AVSC	1	CF18	12-7/8 (32.7)	3-3/4 (9.5)	13-1/8 (33.3)

LAMP DESIGNATIONS

TYPE	DESCRIPTION
13TT	13W T4 twin-tube, 2-pin, GX23 base
13DTT	13W quad-tube, 4-pin electronic ballast, G24q-1 base
CF18	18W twin-tube T5
26DTT	26W quad-tube, 4-pin
26TRT	26W tri-tube, 4-pin
32TRT	32W tri-tube, 4-pin

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp compatibility.
- 2 Available only with CSA option.
- 3 Available only with AVSP.
- 4 Available only with AVSC.
- 5 1-1/4" (3.2 cm) extension from wall.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TL

1'x4', 2'x2', 2'x4'



Intended Use

The TLED combines digital lighting and control technologies with a high-performance optical system to deliver general ambient lighting for many applications such as schools, offices and hospitals. High-efficacy light engine delivers long life and excellent color, ensuring a superior quality light installation that is highly efficient and sustainable.

Features

- 2'x2' TLED replaces 2- to 4-lamp T8; 2'x4' and 1'x4' TLED replaces 2- lamp T8
- 2'x2', 2'x4' and 1'x4' configurations

- 3300, 4300, and 4600 lumen packages
- Excellent lumen maintenance - L80 50,000 hrs
- Full, even illumination of the lens
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.



ORDERING INFORMATION

Specifications subject to change.

Example: 2TL2 33L FW A19 D38 LP835 N100

Series	Lumens	Door	Lens	Voltage	Wattage	Color temperature
TL4 1'x4' Recessed LED	33L 3300 lumens ¹	FW Flush aluminum, white	A12 #12 pattern acrylic	(blank) MVOLT (120-277V)	D38 38W ^{2,3}	LP830 82 CRI, 3000K ⁴
2TL2 2'x2' Recessed LED	43L 4300 lumens ¹	RW Regressed aluminum, white	A19 #19 pattern acrylic, 0.156" thick		D46 46W ^{2,3}	LP835 82 CRI, 3500K
2TL4 2'x4' Recessed LED	46L 4600 lumens ¹		MWS Matte white .040 thick	347 347V	D50 50W ^{2,3}	LP840 82 CRI, 4000K
			MPL Micro Prism			LP850 82 CRI, 5000K ⁴
			SWL Satin white			

Control	Options
NX Dimming, no nLight	
BLD Bi-level dimming ⁵	EL14L 1400 lumen emergency battery ⁵
N80 nLight with 80% (L80) lumen management	
N80EMG nLight with 80% (L80) lumen management. For use with generator supply EM power	
N100 nLight without lumen management	
N100EMG nLight without lumen management. For use with generator supply EM power	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

	<u>Specifications(2x4)</u>	<u>Specifications(2x2)</u>	<u>Specifications(1x4)</u>
Length: 48 (122.0)	Length: 24 (61.0)	Length: 48 (121.9)	
Width: 24 (61.0)	Width: 24 (61.0)	Width: 12 (30.5)	
Depth: 3-3/4 (9.5)	Depth: 3-3/4 (9.5)	Depth: 4-1/2 (11.4)	

ACCESSORIES	
ORDER SEPARATELY	
DGA14	Drywall grid adapter for 1x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
DGA24	Drywall grid adapter for 2x4 recessed fixture

Notes

- 1 Nominal lumens.
- 2 Nominal wattage.
- 3 Actual wattage may differ by +/- 5% when operating between 120-277V +/- 10%.
- 4 Extended lead time.
- 5 Not available with 347V.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The TLEDX surface mount combines digital lighting and control technologies with a high-performance optical system to deliver general ambient lighting for many applications such as schools, offices and hospitals. High-efficacy light engine delivers long life and excellent color, ensuring a superior quality light installation that is highly efficient and sustainable.

Features

- 2'x2' TLEDX replaces 2- to 4-lamp T8; 2'x4' and 1'x4' TLEDX replaces 2-lamp T8
- 2'x2', 2'x4' and 1'x4' configurations all designed for surface mount applications

- 3300, 4300, and 4600 lumen packages
- Excellent lumen maintenance - L80 50,000 hrs
- Full, even illumination of the lens
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.



TLX

1'x4', 2'x2', 2'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2TLX4 46L RW A19 D50 LP835 N100

Series	Lumens	Door	Lens	Voltage	Wattage	Color temperature	Control	Options
TLX4 1'x4' Surface Mount LED	33L 3300 lumens ¹ 43L 4300 lumens ¹	FW Flush aluminum, white	A12 #12 pattern acrylic	(blank) MVOLT (120-277V)	D38 38W ^{2,3} D46 46W ^{2,3}	LP830 82 CRI, 3000K ⁴ LP835 82 CRI, 3500K LP840 82 CRI, 4000K LP850 82 CRI, 5000K ⁴	NX Dimming, no nLight	EL14L 1400 lumen emergency battery ⁵
2TLX2 2'x2' Surface Mount LED	46L 4600 lumens ¹	RW Regressed aluminum, white	A19 #19 pattern acrylic, 0.156" thick	347 347V	D50 50W ^{2,3}		BLD Bi-level dimming ⁵ N80 nLight with 80% (L80) lumen management	
2TLX4 2'x4' Surface Mount LED			MWS Matte white .040 thick MPL Micro prism SWL Satin white				N80EMG nLight with 80% (L80) lumen management. For use with generator supply EM power N100 nLight without lumen management N100EMG nLight without lumen management. For use with generator supply EM power	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications(2x4)	Specifications(2x2)	Specifications(1x4)
Length: 48-3/4 (123.8)	Length: 24-3/4 (62.9)	Length: 48 (121.9)
Width: 24-3/4 (62.9)	Width: 24-3/4 (62.9)	Width: 12-1/4 (31.1)
Depth: 4-3/4 (12.1)	Depth: 4-3/4 (12.1)	Depth: 4-3/4 (12.1)

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

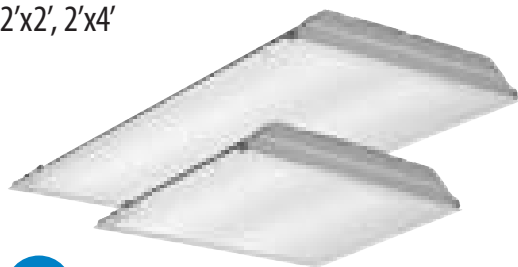
Notes

- 1 Nominal lumens.
- 2 Nominal wattage.
- 3 Actual wattage may differ by +/- 5% when operating between 120-277V +/- 10%.
- 4 Extended lead time.
- 5 Not available with 347V.

2GTL

LED Recessed Troffers

2'x2', 2'x4'



Intended Use

The GTL Series LED recessed troffer's economical, solid-state lighting is ideal for new construction, renovation and retrofit opportunities. It is ideal for the broad range of applications where general-purpose fluorescent lighting currently prevails including offices, schools and commercial general-ambient applications.

Features

- 2'x2' GTL LED replaces 2- to 4-lamp T8; 2'x4' GTL LED replaces 2- to 4-lamp T8
- 2'x2' and 2'x4' configurations

- 2000, 3000, 3300, 3700, 4000, 4800, 6000, and 7200 lumen packages
- 3000, 3500, 4000 and 5000K CCTs
- Excellent lumen maintenance - L70 50,000 hrs
- Pattern A12, A19 and satin white lens options
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.



ORDERING INFORMATION

Specifications subject to change.

Example: 2GTL 4 48L LP835 NX

Series	Length	Trim type	Lumens ¹	Door	Lens	Voltage	Color temperature
2GTL 2' wide recessed LED luminaire	2 2'	(blank) Grid F Overlapping flange	20L 2000 lumens	(blank) Flush steel, white	(blank) #12 pattern acrylic	(blank) MVOLT (120-277V)	LP830 82 CRI, 3000K
			33L 3300 lumens	FN Flush aluminum, natural	A19 #19 pattern acrylic	120 120V	LP835 82 CRI, 3500K
			37L 3700 lumens	FM Flush aluminum, matte black	SWL Satin white	277 277V	LP840 82 CRI, 4000K
				FW Flush aluminum, white		347 347V ²	LP850 82 CRI, 5000K
2GTL 2' wide recessed LED luminaire	4 4'	(blank) Grid F Overlapping flange	30L 3000 lumens	RN Regressed aluminum, natural			
			40L 4000 lumens	RM Regressed aluminum, matte black			
			48L 4800 lumens	RW Regressed aluminum, white			
			60L 6000 lumens				
			72L 7200 lumens				

Controls³

NX	0-10V, dimming, no nLight
BLD	Bi-level dimming ⁴
N80	nLight with 80% (L80) lumen management
N80EMG	nLight with 80% (L80) lumen management. For use with generator supply emergency power ⁵
N100	nLight without lumen management
N100EMG	nLight without lumen management. For use with generator supply emergency power ⁵

Options

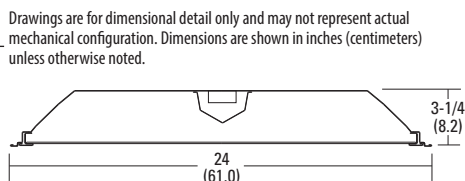
EL14L	1400 lumen emergency battery ⁶
CP	Chicago plenum
PWS1836	6' pre-wire, 3/8" diameter, 18-gauge, 1-circuit
PWS1846	6' pre-wire, 3/8" diameter, 18-gauge, 2-circuit ⁷
ABC	Door frame gasketing ⁸
GLR	Slow-blowing fuse ⁹
GMF	Fast-blowing fuse ⁹
LATC	Earthquake clip
NPLT	Narrow pallet
PAF	Paint after fab

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Specifications

Length:	24 (61.0) for 2' x 2'
	48 (122.0) for 2' x 4'
Width:	24 (61.0)
Depth:	3-1/4 (8.2)



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

ACCESSORIES

ORDER SEPARATELY

DGA22	Drywall grid adapter for 2x2 recessed fixture
DGA24	Drywall grid adapter for 2x4 recessed fixture

Notes

- 1 Approximate lumen output. Lumen output will vary depending upon lens option chosen. See associated IES files for reference.
- 2 Not available with EL14L or BLD.
- 3 Only choose one.
- 4 When using pre-wire option, use PWS1846.
- 5 Only available in 37L, 40L and 48L.
- 6 Not available with the 2x4 72L. Consult factory on 2x2.
- 7 Only available with BLD.
- 8 Only available with aluminum door.
- 9 Must specify voltage, 120 or 277.

Intended Use

An affordable digital lighting platform designed to deliver general ambient lighting for recessed-ceiling applications in schools, offices and hospitals. Built on the tried-and-true GT troffer platform, the LED technology ensures reliable color consistency and extended service life of at least 50,000 hours.

Features

- 2'x2' GTL LED replaces 2- to 4-lamp T8; 2'x4' GTL LED replaces 2-lamp T8
- 2'x2' and 2'x4' configurations

- 3700 and 4000 lumen packages
- 3500 and 4000K CCTs
- Excellent lumen maintenance - L70 50,000 hrs
- Frosted pattern A12 lens

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.

LED TROFFERS

2'x2', 2'x4'



CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Example: 2GTL4 LP835

Catalog Number	Description	Lumens	Color temperature	Lens type	Voltage
2GTL2 LP835	2x2 LED Recessed Troffer	3700 Lumens	3500K	Patterned #12 acrylic	120-277
2GTL2 LP840	2x2 LED Recessed Troffer	3700 Lumens	4000K	Patterned #12 acrylic	120-277
2GTL4 LP835	2x4 LED Recessed Troffer	4000 Lumens	3500K	Patterned #12 acrylic	120-277
2GTL4 LP840	2x4 LED Recessed Troffer	4000 Lumens	4000K	Patterned #12 acrylic	120-277
2GTL4 347 LP835	2x4 LED Recessed Troffer	4000 Lumens	3500K	Patterned #12 acrylic	347
2GTL4 347 LP840	2x4 LED Recessed Troffer	4000 Lumens	4000K	Patterned #12 acrylic	347
2GTL2 347 LP835	2x2 LED Recessed Troffer	3700 Lumens	3500K	Patterned #12 acrylic	347
2GTL2 347 LP840	2x2 LED Recessed Troffer	3700 Lumens	4000K	Patterned #12 acrylic	347

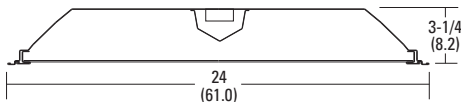
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

- Length: 24 (61.0) for 2' x 2'
48 (122.0) for 2' x 4'
- Width: 24 (61.0)
- Depth: 3-1/4 (8.2)



ACCESSORIES

ORDER SEPARATELY

- DGA22 Drywall grid adapter for 2x2 recessed fixture
- DGA24 Drywall grid adapter for 2x4 recessed fixture

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

GT8

Static

**Intended Use**

Low-profile, static T8 luminaire provides general illumination for recessed indoor applications. Ideal for restricted plenum spaces.

Features

- 1'x4', 2'x2', and 2'x4' configurations available
- Standard steel door frame features precise flush mitered corners

- Integral T-bar safety clips
- Ballast disconnect standard

Listings

UL Listed to U.S. safety standards. Optional Canadian safety standards and NOM Certification.

ORDERING INFORMATION

Specifications subject to change.

Example: 2GT8 4 32 A12 MVOLT 1/4 GEB10IS

Series	Trim	Number of lamps ¹	Lamp type ¹	Door	Diffuser	Voltage
GT8 1' wide	(blank) Grid	1	17 17W T8 (24")	(blank) Flush steel, white	A12 #12 pattern acrylic	MVOLT
2GT8 2' wide	F Flanged	2	32 32W T8 (48")	FN Flush aluminum, natural	A12125 #12 pattern acrylic, .125" thick	347 ⁴
		3	CF40 40W TTS (24") ²	FM Flush aluminum, matte black	A19 #19 pattern acrylic, .156" thick	
		4	U31 31W T8 U (1-5/8" leg)	FW Flush aluminum, white	PC1S 1/2"x1/2"x1/2" plastic cube louver, silver	
		Not included.	U316 31W T8 U (6" leg) ²	RN Regressed aluminum, natural	PC2S 1-1/2"x1-1/2"x1" plastic cube louver, silver with flange ³	
				RM Regressed aluminum, matte black	PC3S 3/4"x3/4"x1/2" plastic cube louver, silver	
				RW Regressed aluminum, white		

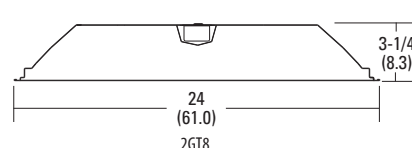
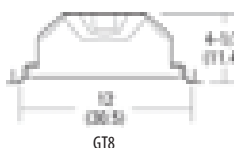
Ballast configuration	Ballast	Lamp color	Options
(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	LP735 Lamped with 700 series, 3500K	EL Emergency battery pack ⁶
1/3 One 3-lamp ballast	GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed start	LP741 Lamped with 700 series, 4100K	PWS1836 6' prewire, 3/8" dia., 18-gauge, 1 circuit
1/4 One 4-lamp ballast	GEB10PS T5 and T8 electronic, ≤10% THD, programmed start		CSA Meets Canadian standards
	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁵		NOM Meets Mexican standards
	BPNP T8 high-efficiency ballast, normal ballast factor (.88), program rapid start		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	HEIGHT IN.(CM)
1'x4'	GT8	1, 2, 3	32	4-1/2 (11.4)
2'x2'	2GT8	2	17, U31, U316, CF40	3-1/4 (8.3)
2'x2'	2GT8	3	17, U31	3-1/4 (8.3)
2'x2'	2GT8	4	17	3-1/4 (8.3)
2'x4'	2GT8	2, 3, 4	32	3-1/4 (8.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for lamp compatibility.
- 2 Not available on 3-lamp fixtures. Use U31.
- 3 Available with flush door frames only. Some 2x2 lamp and electrical combinations not available with PC2 louvers. Consult factory.
- 4 Available only with CSA option.
- 5 Consult www.lithonia.com for additional high-efficiency ballast options.
- 6 Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TROFFERS



CONTRACTOR
SELECT

- Intended Use**
Recessed lensed fixture for grid T-bar ceilings.
- Features**
- 2'x2' and 2'x4' configurations available
 - MVOLT (120-277V) instant start ballast

- Acrylic pattern 12 prismatic lens
 - Offered with and without lamps and pre-wire
- Listings**
UL Listed.

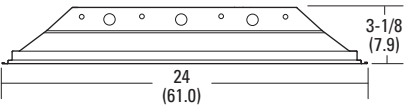
ORDERING INFORMATION

Catalog number	Description	Number of lamps	Lamp type	Number of ballasts	Voltage	Ballast	Pre-wired	Lamp included	Lamp color
GT2 MV	2'x4' recessed troffer	2	32	1	120 - 277	Instant start	N	N	-
GT2L MV	2'x4' recessed troffer	2	32	1	120 - 277	Instant start	N	Y	700 series, 3500K
GT3 2MV	2'x4' recessed troffer	3	32	2	120 - 277	Instant start	N	N	-
GT3 MV	2'x4' recessed troffer	3	32	1	120 - 277	Instant start	N	N	-
GT3L MV	2'x4' recessed troffer	3	32	1	120 - 277	Instant start	N	Y	700 series, 3500K
GT3L41 MV	2'x4' recessed troffer	3	32	1	120 - 277	Instant start	N	Y	700 series, 4100K
GT3LW MV	2'x4' recessed troffer	3	32	1	120 - 277	Instant start	Y	Y	700 series, 3500K
GT4 2MV	2'x4' recessed troffer	4	32	2	120 - 277	Instant start	N	N	-
GT4 MV	2'x4' recessed troffer	4	32	1	120 - 277	Instant start	N	N	-
GT4L MV	2'x4' recessed troffer	4	32	1	120 - 277	Instant start	N	Y	700 series, 3500K
GT4L41 MV	2'x4' recessed troffer	4	32	1	120 - 277	Instant start	N	Y	700 series, 4100K
GT4L41W MV	2'x4' recessed troffer	4	32	1	120 - 277	Instant start	Y	Y	700 series, 4100K
GT4LW MV	2'x4' recessed troffer	4	32	1	120 - 277	Instant start	Y	Y	700 series, 3500K
GT2U MV	2'x2' recessed troffer	2	32-U lamp	1	120 - 277	Instant start	N	N	-

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications (2x2)	Specifications (2x4)
Length: 24 (61.0)	Length: 48 (121.9)
Width: 24 (61.0)	Width: 24 (61.0)
Depth: 3-1/8 (7.9)	Depth: 3-1/8 (7.9)

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

SP5

Static



Intended Use

Specification premium, high performance, static T5 luminaires provide general illumination for recessed indoor applications. Ideal for restricted plenum spaces.

Features

- 1'x4', 2'x2', and 2'x4' configurations available
- T5 fluorescent
- Steel door frame standard. Aluminum door frame also available

- Integral T-bar safety clips
- High fixture efficiency and reduced lamp image
- Ballast disconnect standard

Listings

UL Listed to U.S. safety standards. Optional Canadian safety standards and NOM Certification.

ORDERING INFORMATION

Specifications subject to change.

Example: 2SP5 G 2 28T5 A12 MVOLT GEB95

Series	Trim	Number of lamps ¹	Lamp type ¹	Door	Diffuser	Voltage
SP5	1' wide	G Grid	1 14T5 14W T5 (22")	(blank) Flush steel, white	A12 #12 pattern acrylic, reverse apex technology	MVOLT
		F Flanged	2 24T5HO 24W T5HO (22")	FN Flush aluminum, natural	A15 #15 pattern acrylic, .2" thick	347 ^{2,3}
2SP5	2' wide		3 28T5 28W T5 (46")	FM Flush aluminum, matte black	A12125 #12 pattern acrylic, .125" thick	
			4 54T5HO 54W T5HO (46")	FW Flush aluminum, white	RA125 #12 pattern acrylic, .125" thick (reverse apex technology)	
				RN Regressed aluminum, natural	A19 #19 pattern acrylic, .156" thick	
				RM Regressed aluminum, matte black	K20 #20 pattern acrylic, .140" thick	
				RW Regressed aluminum, white	84Y Holophane 8224 with overlay	
					PC1S 1/2"x1/2"x1/2" plastic cube louver, silver	
					PC2S 1-1/2"x1-1/2"x1" plastic cube louver, silver with flange	
					PC3S 3/4"x3/4"x1/2" plastic cube louver, silver	

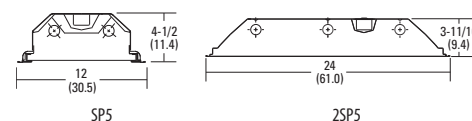
Ballast configuration	Ballast	Lamp color	Options
(blank) 1- and/or 2-lamp ballast per Lithonia Lighting standards	GEB95 Ballast factor .95, set light	LP735 Lamped with 700 series 3500K	EL Emergency battery pack ⁵
	GEB95S Ballast factor .95, step dimming	LPM835P Lamped with premiere, 800 series 3500K	GLR Internal fast-blow fuse ⁶
	GEB10PS Ballast factor 1.0, set light	LP835 Lamped with 800 series 3500K	GMF Internal slow-blow fuse ⁶
	GEB115 Ballast factor 1.15, set light	LP841 Lamped with 800 series 4100K	PWS1836 6' prewire, 3/8" dia., 18-gauge, 1 circuit
1/3 One 3-lamp ballast	GEB115S Ballast factor 1.15, step dimming		PWS1846 6' prewire, 3/8" dia., 18-gauge, 2 circuit
1/4 One 4-lamp ballast			JP JP palletized and stretch-wrapped without individual cartons; grid trim only
			CSA Meets Canadian standards
			NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	HEIGHT IN. (CM)	BALLAST
1'x4'	SP5	1, 2, 3	54T5HO	4-1/2 (11.4)	GEB10PS
1'x4'	SP5	1, 3	28T5	4-1/2 (11.4)	GEB10PS
1'x4'	SP5	2	28T5	4-1/2 (11.4)	GEB95, GEB95S, GEB115, GEB115S, GEB10PS
2'x2'	2SP5	2, 4	14T5	3-3/4 (9.5)	GEB115, GEB115S
2'x2'	2SP5	2, 3	14T5	3-3/4 (9.5)	GEB10PS
2'x2'	2SP5	2, 3	24T5HO	3-3/4 (9.5)	GEB10PS
2'x4'	2SP5	2, 3, 4	54T5HO	3-3/4 (9.5)	GEB10PS
2'x4'	2SP5	2, 4	28T5	3-3/4 (9.5)	GEB95, GEB95S, GEB10PS, GEB115, GEB115S
2'x4'	2SP5	3	28T5	3-3/4 (9.5)	GEB10PS

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp and ballast compatibility.
- 2 For 347, use GEB95S or GEB10PS.
- 3 Available only with CSA option.
- 4 Not available with compact fluorescent lamp-use GEB10RS.
- 5 Consult www.lithonia.com for available options.
- 6 Must specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Specification premium, high performance, static T8 luminaires provide general illumination for recessed indoor applications. Ideal for restricted plenum spaces.

Features

- 1'x4', 2'x2', and 2'x4' configurations available
- T8 fluorescent
- Steel door frame standard. Aluminum door frame also available

- Integral T-bar safety clips
- High fixture efficiency and reduced lamp image
- Ballast disconnect standard

Listings

UL Listed to U.S. safety standard. Optional Canadian safety and NOM Certification.

SP8

Static

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2SP8 G 3 32 A12 MVOLT 1/3 GEB10IS

Series	Trim	Number of lamps ¹	Lamp type ¹	Door	Diffuser	Voltage
SP8 1' wide 2SP8 2' wide	G Grid F Flanged	1	17 17W T8 (24")	(blank) Flush steel, white	A12 #12 pattern acrylic, reverse apex technology	MVOLT 347 ³
		2	U31 31W T8 U (1-5/8" leg)	FN Flush aluminum, natural	A15 #15 pattern acrylic, .2" thick	
		3	U316 31W T8 U (6" leg) ²	FM Flush aluminum, matte black	A1212S #12 pattern acrylic, .125" thick	
		4	32 32W T8 (48")	FW Flush aluminum, white	RA12S #12 pattern acrylic, .125" thick (reverse apex technology)	
		6	CF40 40W TT5 (24")	RN Regressed aluminum, natural	A19 #19 pattern acrylic, .156" thick	
				RM Regressed aluminum, matte black	K20 #20 pattern acrylic, .140" thick	
				RW Regressed aluminum, white	84Y Holophane 8224 with overlay	
					PC1S 1/2"x1/2"x1/2" plastic cube louver, silver	
					PC2S 1-1/2"x1-1/2"x1" plastic cube louver, silver with flange	
					PC3S 3/4"x3/4"x1/2" plastic cube louver, silver	

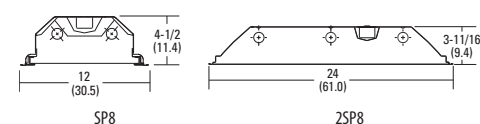
Ballast configuration	Ballast	Lamp color	Options
(blank) 1- and/or 2-lamp ballast per Lithonia Lighting standards	GEB10IS T8 and CF electronic ballast, <10% THD, instant start	LP735 Lamped with 700 series 3500K	EL Emergency battery pack ⁶
1/3 One 3-lamp ballast	GEB10PS T8 electronic ballast, <10% THD programmed start ⁴	LPM835P Lamped with premiere, 800 series 3500K	GLR Internal fast-blow fuse ⁷
1/4 One 4-lamp ballast	GEB10RS T8 and CF electronic ballast, <10% THD, rapid start	LP835 Lamped with 800 series 3500K	GMF Internal slow-blow fuse ⁷
	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁵	LP841 Lamped with 800 series 4100K	PWS1836 6' prewire, 3/8" dia., 18-gauge, 1 circuit
	BPNP T8 high-efficiency ballast, normal ballast factor (.88), programmed rapid start		PWS1846 6' prewire, 3/8" dia., 18-gauge, 2 circuit
			JP JP palletized and stretch-wrapped without individual cartons; grid trim only
			CSA Meets Canadian standards
			NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	HEIGHT IN. (CM)	BALLAST
1'x4'	SP8	1, 2, 3	32	4-1/2 (11.4)	GEB10IS, GEB10PS, BINP, BPNP
2'x2'	2SP8	2	17, U31, U316	3-3/4 (9.5)	GEB10IS, GEB10PS, BINP, BPNP
2'x2'	2SP8	2, 3	CF40	3-3/4 (9.5)	GEB10IS, GEB10RS
2'x2'	2SP8	4	17	3-3/4 (9.5)	GEB10IS, GEB10PS, BINP, BPNP
2'x4'	2SP8	2, 3, 4, 6	32	3-3/4 (9.5)	GEB10IS, GEB10PS, BINP, BPNP
2'x2'	2SP8	3	17, U31	3-3/4 (9.5)	GEB10IS, GEB10PS, BINP, BPNP

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp and ballast compatibility.
- Not available on 3-lamp fixtures. Use U31.
- Available only with CSA option.
- Not available with compact fluorescent lamp—use GEB10RS.
- Consult www.lithonia.com for additional high-efficiency ballast options.
- Consult www.lithonia.com for available options.
- Must specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

SP

Static Air-Handling



Intended Use

Complete selection of specification premium air-handling luminaires recommended for all recessed general illumination applications.

Features

- 1'x4', 2'x2', and 2'x4' configurations available
- Fully gasketed door frame with spring-loaded latches

- Air-flow control available with optional heat removal dampers and air pattern control blades
- Ballast disconnect standard

Listings

UL Listed to U.S. safety standard. Canadian safety standards and optional NOM Certification.

ORDERING INFORMATION

Specifications subject to change.

Example: 2SP G A 3 32 A12 MVOLT 1/3 GEB10IS LP735

Series	Trim	Air function	Number of lamps ⁴	Lamp type ⁴	Door	Diffuser type ⁶	Voltage
SP 1' wide	G Grid	(blank) Static, no reveal	1	T8	(blank) Flush steel, white	A12 #12 pattern acrylic	MVOLT
2SP 2' wide	F Flanged	B No air function (with reveal)	2	17 17W T8 (24")	FN Flush aluminum, natural	A12125 #12 pattern acrylic, 0.125" thick	347 ⁸
4SP 4' wide ^{1,2}	ST Screw slot ^{1,3}	A Air supply/return	3	32 32W T8 (48")	FM Flush aluminum, matte black	A19 #19 pattern acrylic, 0.156" thick	
		H Heat removal	4	CF40 40W TTS (24")	FW Flush aluminum, white	PC1S 1/2"x1/2"x1/2" plastic cube louver, silver ⁷	
		D Dual function supply/return/heat removal	6	U31 31W T8 U (1-5/8" leg)	RN Regressed aluminum, natural	PC2S 1-1/2"x1-1/2"x1" plastic cube louver, silver with flange ⁷	
			8	U316 31W T8 U (6" leg) ⁵	RM Regressed aluminum, matte black	PC3S 3/4"x3/4"x1/2" plastic cube louver, silver ⁷	
			Not included.	T5	RW Regressed aluminum, white	K20 #20 pattern acrylic, .140" thick	
				14T5 14W T5 (22")		84Y Holophane 8224 with overlay	
				24T5HO 24W T5HO (22")			
				28T5 28W T5 (46")			
				54T5HO 54W T5HO (46")			

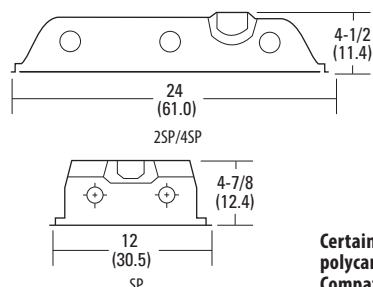
Ballast configuration	Ballast	Lamp color	Options
(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	T8	LP735 Lamped with 700 series, 3500K	EL Emergency battery pack ¹¹
1/3 One 3-lamp ballast	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	LP741 Lamped with 700 series, 4100K	PWS1836 6' prewire, 3/8" dia., 18-gauge, 1 circuit
1/4 One 4-lamp ballast	GEB10PS T8 electronic ballast, <10% THD, programmed start ⁹		JP Job pack without individual cartons, G trim only
2/3 Two 3-lamp ballasts	GEB10RS T8 and CF electronic ballast, ≤10% THD, rapid start		LATC T-bar clips
2/4 Two 4-lamp ballasts	BIHP T8 high-efficiency ballast, normal ballast factor (.88), instant start		CSA Meets Canadian standards
	BPNP T8 high-efficiency ballast, normal ballast factor (.88), rapid start		NOM Meets Mexican standards
	T5		
	GEB95 Ballast factor .95, set light ¹⁰		
	GEB95S Ballast factor .95, step dimming ¹⁰		
	GEB10PS Ballast factor 1.0, set light		
	GEB11S Ballast factor 1.15, set light ¹⁰		
	GEB 115S Ballast factor 1.15, set dimming ¹⁰		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	HEIGHT IN. (CM)
1'x4'	SP	1, 2, 3	32	4-7/8 (12.4)
2'x2'	2SP	2	17, U31, U316, CF40	4-1/2 (11.4)
2'x2'	2SP	3	17, U31, CF40	4-1/2 (11.4)
2'x2'	2SP	4	17, CF40	4-1/2 (11.4)
2'x4'	2SP	2, 3, 4	32	4-1/2 (11.4)
4'x4'	4SP ^{5,6}	4, 6, 8	32	5 (12.7)
1'x4'	SP	1, 2, 3	54T5HO	4-7/8 (12.4)
1'x4'	SP	1, 2, 3	28T5	4-7/8 (12.4)
2'x2'	2SP	2, 3, 4 ¹²	14T5	4-1/2 (11.4)
2'x2'	2SP	2, 3	24T5HO	4-1/2 (11.4)
2'x4'	2SP	2, 3, 4	28T5	4-1/2 (11.4)
2'x4'	2SP	2, 3, 4	54T5HO	4-1/2 (11.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with flush steel door.
- 2 Integral T-bar clips not available. Use LATC option.
- 3 Not available with static fixtures. Consult factory for fixture height.
- 4 See Configurations table for lamp compatibility.
- 5 Not available on 3-lamp fixtures. Use U31.
- 6 Center mullion standard on 4SP
- 7 Not available with air handling.
- 8 Available only with CSA option.
- 9 Not available with compact fluorescent lamps-use GEB10RS.
- 10 Only available with 28T5 and 14T5, two and four lamp only.
- 11 Consult www.lithonia.com for available options.
- 12 Four lamp 14T5 only available with GEB95 or GEB115.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Specification premium air-handling luminaires recommended for all indoor general illumination applications.

Features

- Premium-grade troffer with architectural small-cell aluminum louvers
- Choice of 1-1/2" and 3/4" deep cells

- Louver available in low-iridescent silver or low-iridescent diffuse anodized finish
- Ballast disconnect standard

Listings

UL Listed to U.S. safety standard. Canadian safety standards and optional NOM Certification.

SP**Small-Cell Louvers Static Air-Handling****ORDERING INFORMATION**

Specifications subject to change.

Example: 2SP G D 3 32 10515LD MVOLT 1/3 GEB10IS

Series	Trim	Air function	Number of lamps ¹	Lamp type ¹	Louver type	Louver finish
SP 1' wide ¹	G Grid	(blank) Static, no reveal	1	T8	1'X4'	LD Low-iridescent anodized diffuse silver
2SP 2' wide	F Flanged	B No air function (with reveal)	2	17 17W T8 (24")	1315 13 cells, 1-1/2" deep	3615 36 cells, 1-1/2" deep
		A Air supply/return	3	32 32W T8 (48")	2615 26 cells, 1-1/2" deep	4915 49 cells, 1-1/2" deep
		H Heat removal	4	CF40 40W TT5 (24")	3915 39 cells, 1-1/2" deep	16975 169 cells, 3/4" deep
		D Dual function supply/return/ heat removal	6	U31 31W T8 U (1-5/8" leg)	4515 45 cells, 1-1/2" deep	2'X4'
			Not included.	U316 31W T8 U (6" leg) ²	18675 186 cells, 3/4" deep	7815 78 cells, 1-1/2" deep
				T5		10515 105 cells, 1-1/2" deep
				14T5 14W T5 (22")		37775 377 cells, 3/4" deep
				24T5HO 24W T5HO (22")		
				28T5 28W T5 (46")		
				54T5HO 54W T5HO (46")		

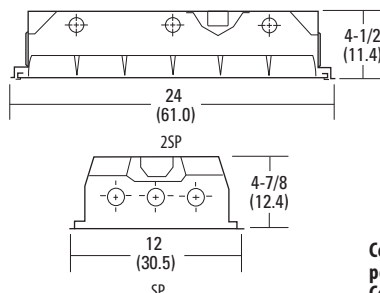
Voltage	Ballast configuration	Ballast	Lamp color	Options
MVOLT 347 ³	(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	T8 GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start GEB10PS T8 electronic ballast, <10% THD, programmed start ⁴	T5 GEB95 Ballast factor .95, set light ⁵ GEB95S Ballast factor .95, set dimming ⁵	EL Emergency battery pack ⁶ PWS1836 6' prewire, 3/8" dia., 18-gauge, 1 circuit CSA Meets Canadian standards NOM Meets Mexican standards
	1/3 One 3-lamp ballast	GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed rapid start	GEB10PS Ballast factor 1.0, set light	
	1/4 One 4-lamp ballast	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start BPNP T8 high-efficiency ballast, normal ballast factor (.88), rapid start	GEB115 Ballast factor 1.15, set light ⁵ GEB115S Ballast factor 1.15, step dimming ⁵	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	HEIGHT IN.(CM)
1'x4'	SP	1, 2, 3	32	4-7/8 (12.4)
2'x2'	2SP	2	17, U31, U316, CF40	4-1/2 (11.4)
2'x2'	2SP	3	17, U31, CF40	4-1/2 (11.4)
2'x2'	2SP	4	17, CF40	4-1/2 (11.4)
2'x4'	2SP	2, 3, 4, 6	32	4-1/2 (11.4)
1'x4'	SP	1, 2, 3	54T5HO	4-7/8 (12.4)
1'x4'	SP	1, 2, 3	28T5	4-7/8 (12.4)
2'x2'	2SP	2, 3, 4	14T5	4-1/2 (11.4)
2'x2'	2SP	2, 3	24T5HO	4-1/2 (11.4)
2'x4'	2SP	2, 3, 4	28T5	4-1/2 (11.4)
2'x4'	2SP	2, 3, 4	54T5HO	4-1/2 (11.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp compatibility.
- Not available on 3-lamp fixtures. Use U31.
- Available only with the CSA option.
- Not available with compact fluorescent lamps - use GEB10RS.
- Only available with 28T5 and 14T5, two and four lamp only.
- Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

2ES8P

2'x2', 2'x4'



Intended Use

Ideal for retail, educational and commercial applications requiring low lighting power density. Ideal replacement for traditional 3-lamp 18-cell parabolic.

Features

- Designed and optimized for use with high lumen T8 lamps and high-efficiency electronic ballasts
- Highly reflective surfaces combine with efficient design to produce up to 86% photometric efficiency
- Robust design, precision tooling and automated assembly create the industry's strongest louver
- Mechanical light seals require no foam gasketing

- Mechanical shielding provided with angled length blades and linear faceted cross baffles
- Lamp cut-out maximizes shielding in low profile fixture design
- HE version delivers 91% photometric efficiency
- Louver painted after fabrication with low-gloss high reflectivity polyester powder coating

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards - optional. NOM Certified - optional. Protected by one or more of U. S. Patents Nos. 6,210,025, 6,231,213.

ORDERING INFORMATION

Specifications subject to change.

Example: 2ES8P 2 32 BILP L835HT8

Series	Trim		Number of lamps	Lamp type	Voltage	Ballast
2ES8P	(blank)	Lay-in grid	2	17 17W T8 (24")	(blank) MVOLT	BILP T8 high-efficiency ballast, low ballast factor (.78), instant start
2ES8PHE	F	Overlapping flanged		32 32W T8 (48")	347 347V ²	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start
				U31 31W T8 U (1-5/8" leg)		BIHP T8 high-efficiency ballast, high ballast factory (1.20), instant start ³
						BSNP T8 high-efficiency ballast, normal ballast factor (.88), step-dim programmed start, 2-lamp only ²
Lamp color				Options ^{4,5}		
L830HT8	3100 lumens, long life, 3000K			EL	Emergency battery pack	
L835HT8	3100 lumens, long life, 3500K			PWS1836	6' prewire, 3/8" dia, 18-gauge, 3 wires	
L841HT8	3100 lumens, long life, 4100K			EL14	Emergency battery pack (nominal 1400 lumens) ⁶	
				QFC	Quick-Flex [®] fixture cable, factory installed prewired cable (RELOC [®]) ⁷	
				CSA	Meets Canadian standards	
				NOM	Meets Mexican standards	

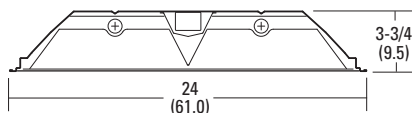
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)	HEIGHT IN. (CM)
2'x2'	2	17, U31	6 (2x3)	3-3/4 (9.5)
2'x4'	2	32	12 (2x6)	3-3/4 (9.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Available with 17W and 32W T8 only.
- Available only with CSA option.
- Not available in 347V.
- Other options available may increase fixture depth up to 6". Consult factory if plenum space is a concern.
- Consult www.lithonia.com for available options.
- Only available for 2ES8P 2x4 (2 lamps, 32WT8).
- Must specify voltage.

Intended Use

Ideal for use in corridors, small spaces or continuous row mounting in retail, commercial or educational applications.

Features

- Designed and optimized for use with high lumen T8 lamps and high-efficiency electronic ballasts
- Highly reflective surfaces combine with efficient design to produce up to 86% photometric efficiency
- Robust design, precision tooling and automated assembly create the industry's strongest louver

- Mechanical light seals require no foam gasketing
- Mechanical shielding provided with angled length blades and linear faceted cross baffles
- Louver painted after fabrication with low-gloss high reflectivity polyester powder coating

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards - optional. NOM Certified - optional.

ES8P

1'x4'

**ORDERING INFORMATION**

Specifications subject to change.

Example: ES8P 2 32 BINP L835HT8

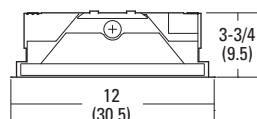
Series	Trim	Number of lamps	Lamp type	Voltage	Ballast
ES8P	(blank) Lay-in grid	1	32 32W T8 (48")	(blank) MVOLT	BILP T8 high-efficiency ballast, low ballast factor (.78), instant start ²
	F Overlapping flanged	2		347 347V ¹	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start ² BIHP T8 high-efficiency ballast, high ballast factor (1.2), instant start ² BSNP T8 high-efficiency ballast, normal ballast factor (.88) step-dim programmed start, 2-lamp only ^{2,3}
Lamp color			Options ⁴		
L830HT8	3100 lumens, long life, 3000K		EL	Emergency battery pack (nominal 300 lumens)	
L835HT8	3100 lumens, long life, 3500K		EL14	Emergency battery pack (nominal 1400 lumens)	
L841HT8	3100 lumens, long life, 4100K		PWS1836	6' prewire, 3/8" dia., 18-gauge, 3 wires	
			QFC	Quick-Flex® fixture cable, factory installed prewired cable (RELOC®) ⁵	
			CSA	Meets Canadian standards	
			NOM	Meets Mexican standards	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)	HEIGHT IN. (CM)
1'x4'	1, 2	32	6 (1x6)	3-3/4 (9.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Available only with CSA option.
- CEE qualified ballast is not available in 347V.
- Available in 2-lamp version only.
- Consult www.lithonia.com for available options.
- Must specify voltage.

PRODUCT INFORMATION

2ES8X

2'x2', 2'x4'

**Intended Use**

Designed and optimized for use with high lumen T8 lamps and high-efficiency electronic ballasts. For surface or suspended mounting applications.

Features

- Designed and optimized for use with high lumen T8 lamps and high-efficiency electronic ballasts
- Highly reflective surfaces combine with efficient design to produce up to 86% photometric efficiency
- Robust design, precision tooling and automated assembly create the industry's strongest louver
- Mechanical light seals require no foam gasketing

- Mechanical shielding provided with angled length blades and linear faceted cross baffles
- Louver painted after fabrication with low-gloss high reflectivity polyester powder coating
- Housing corners seam welded for smooth end to side corner joints
- HE version delivers 91% photometric efficiency

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards - optional. NOM Certified - optional. Protected by one or more of U. S. Patents Nos. 6,210,025, 6,231,213.

ORDERING INFORMATION

Specifications subject to change.

Example: 2ES8X 2 17 BILP L830HT8

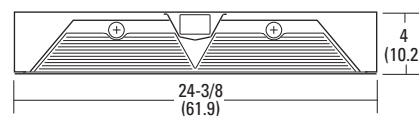
Series	Number of lamps	Lamp type	Voltage	Ballast	Lamp color	Options ⁴
2ES8X	2	17 17W T8 (24")	(blank) MVOLT	BILP T8 high-efficiency ballast, low ballast factor (.78), instant start	L830HT8 3100 lumens, long life, 3000K	EL Emergency battery pack (nominal 300 lumens)
2ES8PHEX ¹		32 32W T8 (48")	347 347V ²	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start	L835HT8 3100 lumens, long life, 3500K	EL14 Emergency battery pack (nominal 1400 lumens)
		U31 31W T8 U (1-5/8" leg)		BIHP T8 high-efficiency ballast, high ballast factor (1.20), instant start ³	L841HT8 3100 lumens, long life, 4100K	FTC Full top cover
				BSNP T8 high-efficiency ballast, normal ballast factor (.88), step-dim programmed start, 2-lamp only ³		CSA Meets Canadian standards
						NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)	HEIGHT IN. (CM)
2'x2'	2	17	6 (2x3)	4 (10.2)
2'x2'	2	U31	6 (2x3)	4 (10.2)
2'x4'	2	32	12 (2x6)	4 (10.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available with 17W and 32W T8 only.
- 2 Available only with CSA option.
- 3 Not available in 347V.
- 4 Consult www.lithonia.com for available options.

Intended Use

Provides high-performance uniform wall illumination to highlight artwork and signage. Ideal for retail or commercial applications.

Features

- High performance: 92% of light output illuminates wall
- Eliminates hot spots, scalloping and shadows on vertical surfaces

- 12" wide assembly easily adapts to common ceiling systems
- Available in 2' or 4' lengths
- Grid or flange mounting available

Listings

UL Listed, cUL Listed or CSA Certified to Canadian standards.
NOM Certified - optional.

WW
Perceiva®

**ORDERING INFORMATION**

Specifications subject to change.

Example: WW G 2 32 MVOLT IRLS GEB10IS

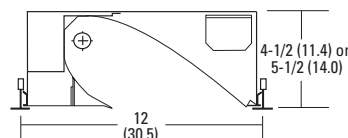
Series	Trim	Number of lamps	Lamp type	Voltage	Reflector	Ballast	Options
WW	Wallwash, 12" aperture	G Lay-in grid ¹	1 14T5 14W T5 (22")	MVOLT	IRLS Low iridescent specular silver	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	EL Emergency battery pack ⁶
TWW	Tandem double-length units; 2' WW units only	GF Grid flanged ²	2 17 17W T8 (24")	347 ⁴	IRLD Low iridescent diffuse silver	GEB10RS T8 and CF electronic ballast, ≤ 10% THD, programmed rapid start	GLR Internal fast-blow fuse ⁷
	ST Screw slot		24T5HO 24W T5HO (22")			GEB10PS T5 electronic ballast, ≤ 10% THD, programmed rapid start	CSA Meets Canadian standards
			28T5 28W T5 (46")			BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁵	NOM Meets Mexican standards
			32 32W T8 (48")				
			54T5HO 54W T5HO (46")				
			CF40 40W TTS RS (24") ³		IRWH White		
			CF50 50W TTS RS (24") ³				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NOMINAL LENGTH	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	HEIGHT IN. (CM)
WW	2'	1	1	17, CF40, CF50, 14T5, 24T5HO	4-1/2 (11.4)
WW	4'	1	1	32, 28WT5, 54WT5HO	4-1/2 (11.4)
TWW	4'	1	2	CF40, CF50	4-1/2 (11.4)
WW	2'	2	2	17	5-1/2 (14.0)
WW	4'	2	2	32	5-1/2 (14.0)
WW	2'	2	2	14T5, 24T5HO	4-1/2 (11.4)
WW	4'	2	2	28T5, 54T5HO	4-1/2 (11.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Use G trim plus DGA accessory for fixture-trim flange and fixture support in plaster or plasterboard ceilings.
- 2 Flanged sides, grid ends used in grid applications only.
- 3 One-lamp only.
- 4 Available only with CSA option.
- 5 Consult www.lithonia.com for additional high-efficiency ballast options.
- 6 Consult www.lithonia.com for available options.
- 7 Specify voltage.

PMO

Optimax®



Intended Use

Ideal for applications requiring optimum light-control.

Features

- Compound parabolic louver provides optimum light control
- Louvers available with low-iridescent, specular silver or diffuse silver aluminum
- Available in 1'x4', 2'x2' and 2'x4' sizes
- Air function capabilities available

- Fully hemmed sides and ends provide smooth surface for easy handling
- Supplied with plastic film secured to face of louver for protection during shipping and installation
- Compatible with most ceiling types

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards - optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

Example: 2PMO G B 3 32 27LS MVOLT 1/3 GEB10IS

Series		Trim		Air function		Number of lamps ¹	Lamp type		Number of cells/Louver	
PMO	1' wide	G	Grid	B	No air function	1	17	17W T8 (24")	<u>Number of cells</u>	<u>Louver</u>
2PMO	2' wide	F	Flanged	A	Air supply/return	2	32	32W T8 (48")	9	LS Low-iridescent anodized specular silver
		ST	Screw slot	D	Dual function supply/return/heat removal	3	CF40	40W TT5 (24")	12	LD Low-iridescent anodized diffuse silver
						Not included.	U31	31W T8 U (1-5/8" leg)	27	

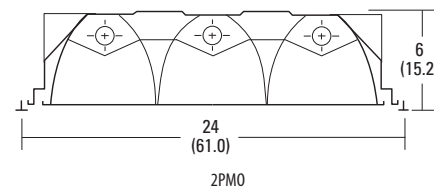
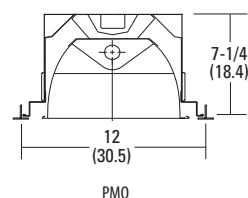
Voltage	Ballast configuration		Ballast		Options ^{5,6}
MVOLT	(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS	T8 and CF electronic ballast, ≤10% THD, instant start	EL Emergency battery pack (nominal 300 lumens)
347 ²			GEB10RS	T8 and CF electronic ballast, ≤10% THD, programmed rapid start	CSA Meets Canadian standards
	1/3	One 3-lamp ballast	BINP	T8 high-efficiency ballast, normal ballast factor (.88), instant start ³	NOM Meets Mexican standards
			BSNP	T8 high-efficiency ballast, normal ballast factor (.87), step-dim programmed start, 2-lamp only ⁴	EL14 Emergency battery pack (nominal 1400 lumens)

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)	HEIGHT ¹ IN. (CM)
1'x4'	PMO	1	32	9 (1x9)	7-1/4 (18.4)
1'x4'	PMO	2	32	9 (1x9)	7-1/4 (18.4)
2'x2'	2PMO	3	17, U31, CF40	12 (3x4)	6 (15.2)
2'x2'	2PMO	2	17, U31, CF40	12 (3x4)	6 (15.2)
2'x4'	2PMO	3	32	27 (3x9)	6 (15.2)
2'x4'	2PMO	2	32	27 (3x9)	6 (15.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp and cell compatibility.
- 2 Available only with CSA option.
- 3 Consult www.lithonia.com for additional high-efficiency ballast options.
- 4 Not available in 347V.
- 5 Some options increase fixture depth. Consult factory if plenum depth is a factor.
- 6 Consult www.lithonia.com for available options.

Intended Use

Ideal for corridors, stack lighting or wallwash indoor applications where superior glare control is important.

Features

- Complements design and style of other Optimax and Paramax products
- Louvers available with low-iridescent, specular silver or diffuse silver aluminum
- Available in three distribution patterns: symmetric, asymmetric and bi-asymmetric

- Air function capabilities available
- Supplied with plastic film secured to face of louver for protection during shipping and installation
- Compatible with most ceiling types

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards - optional. NOM Certified - optional.

9PMO

Optimax®

**ORDERING INFORMATION**

Specifications subject to change.

Example: 9PMO G B 2 32 10LD MVOLT GEB10IS

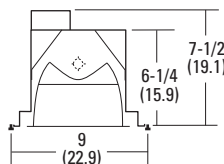
Series		Trim		Air function	Number of lamps	Lamp type	Number of cells/Louver					
9PMO	9" wide	G	Lay-in grid	B	No air function	1	32	32W T8 (48")	<u>Number of cells</u>		<u>Louver</u>	
		F	Flanged	A	Air supply/return	2			10	1 row of 10	LS	Low-iridescent anodized specular silver
		GF	Grid trim ends and flange sides			Not included.						
		GF1	Grid trim ends, one grid side and one flange side							LD	Low-iridescent anodized diffuse silver	
Distribution		Voltage	Ballast			Lamp color			Options ⁴			
(blank)	Symmetric	MVOLT	GEB10IS	T8 electronic ballast, ≤10% THD, instant start			LP835	800 series, 3500K			EL	Emergency battery pack
ASY	Asymmetric	347 ¹	GEB10RS	T8 and CF electronic ballast, ≤10% THD, programmed rapid start			LP841	800 series, 4100K			CSA	Meets Canadian standards
BIAS	Bi-asymmetric		BINP	T8 high-efficiency ballast, normal ballast factor (.88), instant start ²			L835HT8	3100 lumen, long life, 3500K			NOM	Meets Mexican standards
		BSNP	T8 high-efficiency ballast, normal ballast factor (.87), step-dim programmed start, 2-lamp only ³			L841HT8	3100 lumen, long life, 4100K					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS	HEIGHT IN. (CM)
9"x4'	9PMO	1	32	10	7-1/2 (19.1)
9"x4'	9PMO	2	32	10	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Available only with CSA option.
- Consult www.lithonia.com for additional high-efficiency ballast options.
- Not available in 347V.
- Consult www.lithonia.com for available options.

2PM3N

Paramax®



Intended Use

High performance parabolic luminaires for light control, visual comfort and light cutoff in open area indoor applications.

Features

- Design optimized for use with T8 lamps and electronic ballasts
- Louvers available with low-iridescent, specular silver or diffuse silver aluminum
- Hemmed sides and ends provide smooth edges for easy handling during installation

- Integral T bar safety clips secure fixture to T bar
- Available in 2'x2' and 2'x4' sizes
- Air function capabilities available
- Supplied with plastic film secured to face of louver for protection during shipping and installation
- Compatible with most ceiling types

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

Example: 2PM3N G B 3 32 18LD MVOLT 1/3 GEB10IS

Series	Trim	Air function	Number of lamps ¹	Lamp type ¹	Number of cells/Louver		Voltage
2PM3N 2' wide	G Lay-in grid	B No air function	2	17 17W T8 (24")	<u>Number of cells</u>	<u>Louver</u>	MVOLT
	F Flanged	A Air supply/return	3	32 32W T8 (48")	6	LD Low-iridescent anodized diffuse silver	347 ³
	ST Screw slot	D Dual function supply/return/heat removal	4	CF40 40W TT5 (24")	9	LS Low-iridescent anodized specular silver	
			Not included.	U31 31W T8 U (1-5/8" leg)	12		
				U316 31W T8 U (6" leg) ²	16		
					18		
					24		
					32		
Ballast configuration		Ballast		Lamp color		Options ^{6,7}	
(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS	T8 and CF electronic ballast, ≤10% THD, instant start	L830HT8	Long life, 3000K	EL	Emergency battery pack (nominal 300 lumens)
1/3	One 3-lamp ballast	GEB10RS	T8 and CF electronic ballast, ≤10% THD, programmed rapid start	L835HT8	Long life, 3500K	EL14	Emergency battery pack (nominal 1400 lumens)
1/4	One 4-lamp ballast	BINP	T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁴	L841HT8	Long life, 4100K	ACS	Air closure strips
		BSNP	T8 high-efficiency ballast, normal ballast factor (.87), step-dim programmed start, 2-lamp only ⁵	LP835	800 series, 3500K	PWS1836	6' prewire, 3/8" diameter, 18-gauge, one circuit
				LP841	800 series, 4100K	CSA	Meets Canadian standards
						NOM	Meets Mexican standards

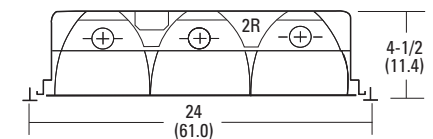
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)	HEIGHT ³ IN. (CM)
2'x2'	2PM3N	2	17, U31, CF40	6 (2x3), 9 (3x3), 12 (4x3), 16 (4x4)	4-1/2 (11.4)
2'x2'	2PM3N	2	U316	6 (2x3), 9 (3x3), 12 (3x4)	4-1/2 (11.4)
2'x2'	2PM3N	3	17, U31, CF40	9 (3x3), 16 (4x4)	4-1/2 (11.4)
2'x2'	2PM3N	4	17, CF40	9 (3x3), 12 (4x3), 16 (4x4)	4-1/2 (11.4)
2'x4'	2PM3N	2	32	12 (2x6), 18 (3x6)	4-1/2 (11.4)
2'x4'	2PM3N	3	32	18 (3x6), 24 (3x8)	4-1/2 (11.4)
2'x4'	2PM3N	4	32	12 (2x6), 16 (2x8), 18 (3x6),	4-1/2 (11.4)
2'x4'	2PM3N	4	32	24 (4x6), 32 (4x8)	4-1/2 (11.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp and cell compatibility.
- 2 Not available on 3-lamp fixtures. Use U31.
- 3 Available only with CSA option.
- 4 Consult www.lithonia.com for additional high-efficiency ballast options.
- 5 Not available in 347V.
- 6 Consult www.lithonia.com for available options.
- 7 Some options increase fixture height. Consult factory if plenum height is a factor.

Intended Use

High performance parabolic luminaires for light control, visual comfort and light cutoff in open area indoor applications.

Features

- Design optimized for use with T8 lamps and electronic ballasts
- Louvers available with low-iridescent, specular silver or diffuse silver aluminum
- Hemmed sides and ends provide smooth edges for easy handling during installation

- Air function capabilities available
- Supplied with plastic film secured to face of louver for protection during shipping and installation
- Compatible with most ceiling types

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

PM3

Paramax®

**ORDERING INFORMATION**

Specifications subject to change.

Example: PM3 G B 2 32 8LD MVOLT GEB10IS

Series		Trim		Air function	Number of lamps ¹	Lamp type ¹	Number of cells/Louver		Voltage
PM3	1' wide	G	Lay-in grid	B No air function	1	17 17W T8 (24")	<u>Number of cells</u>	<u>Louver</u>	MVOLT
4PM3	4' wide	F	Flanged	A Air supply/return	2	32 32W T8 (48")	3	LD Low-iridescent anodized diffuse silver	347 ²
		MT	Modular fit-in	D Dual function supply/return/heat removal	3	CF40 40W TT5 (24")	4	LS Low-iridescent anodized specular silver	
					4	U31 31W T8 U (1-5/8" leg)	6		
					6	U316 31W T8 U (6" leg)	8		
					8		9		
					Not included.		12		
							16		
							36		
							64		

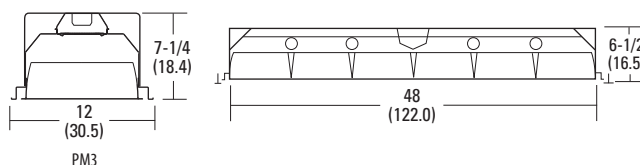
Ballast configuration			Ballast		Options ⁵	
(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards		GEB10IS	T8 and CF electronic ballast, ≤10% THD, instant start	EL	Emergency battery pack (nominal 300 lumens)
1/3	One 3-lamp ballast		GEB10RS	T8 and CF electronic ballast, ≤10% THD, programmed rapid start	EL14	Emergency battery pack (nominal 1400 lumens)
1/4	One 4-lamp ballast		BINP	T8 high-efficiency ballast, normal ballast factor (.88), instant start ³	CSA	Meets Canadian standards
			BSNP	T8 high-efficiency, normal ballast factor (.87), step-dim programmed start, 2-lamp only ⁴	NOM	Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)	HEIGHT ⁶ IN. (CM)
1'x2'	PM3	1, 2	17, U31, CF40	3 (1x3), 4 (1x4), 6 (2x3), 8 (2x4)	7-1/4 (18.4)
1'x2'	PM3	1	U316	3 (1x3), 4 (1x4), 6 (2x3), 8 (2x4)	7-1/4 (18.4)
1'x4'	PM3	1, 2, 3	32	6 (1x6), 8 (1x8), 9 (1x9)	7-1/4 (18.4)
1'x4'	PM3	2	32	12 (2x6), 16 (2x8)	7-1/4 (18.4)
4'x4'	4PM3	6	32	36 (6x6), 64 (8x8)	6-1/2 (16.5)
4'x4'	4PM3	8	32	36 (6x6), 64 (8x8)	6-1/2 (16.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for lamp and cell compatibility.
- 2 Available only with CSA option.
- 3 Not available in 347V.
- 4 Available only with CSA option.
- 5 Consult www.lithonia.com for additional high-efficiency ballast options.
- 6 Some options increase fixture height. Consult factory if plenum height is a factor.

2PM3

Paramax®



Intended Use

High performance deep-cell parabolic luminaires for light control, visual comfort and light cutoff in open area indoor applications.

Features

- Louvers available with low-iridescent, specular silver or diffuse silver aluminum
- Hemmed sides and ends provide smooth edges for easy handling during installation
- Integral T bar safety clips secures fixture to T bar

- Air function capabilities available
- Available in 2'x2' and 2'x4' sizes
- Supplied with plastic film secured to face of louver for protection during shipping and installation
- Compatible with most ceiling types

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards - optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

Example: 2PM3 G B 3 32 18LD MVOLT 1/3 GEB10IS

Series	Trim	Air function	Number of lamps ¹	Lamp type ¹	Number of cells/Louver	Voltage
2PM3 Paramax® 3" louver family	G Lay-in grid	B No air function	2	17 17W T8 (24")	<u>Number of cells</u>	MVOLT 347 ²
	F Flanged	A Air supply/return	3	32 32W T8 (48")	6	
	ST Screw slot	D Dual function supply/return/heat removal	4	CF40 40W TTS (24")	9	
			6	U31 31W T8 U (1-5/8" leg)	12	
			Not included.	U316 31W T8 U (6" leg)	16	
					18	
					24	
					32	
Ballast configuration		Ballast	Lamp color	Options ⁵		
(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	LP835 800 series, 3500K ⁴	EL Emergency battery pack (nominal 300 lumens)	ACS Air closure strips (A and D models only)	
1/3	One 3-lamp ballast	GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed rapid start	LP841 800 series, 4100K	EL14 Emergency battery pack (nominal 1400 lumens)	CSA Meets Canadian standards	
1/4	One 4-lamp ballast	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start ³		PWS1836 6' prewire, 3/8" dia., 18-gauge, 1 circuit	NOM Meets Mexican standards	
		BSNP T8 high-efficiency ballast normal ballast factor (.87), step dim, program start, 2-Lamp only		GLR Internal fast-blow fuse ⁶		

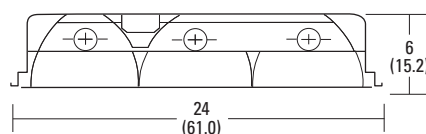
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)
2'x2'	2PM3	2, 3, 4	CF40	6 (2x3), 9 (3x3), 12 (3x4), 16 (4x4)
2'x2'	2PM3	2, 3	U31	6 (2x3), 9 (3x3), 12 (3x4), 16 (4x4)
2'x2'	2PM3	2	U316	6 (2x3), 9 (3x3), 12 (3x4), 16 (4x4)
2'x2'	2PM3	2, 3, 4	17	6 (2x3), 9 (3x3), 12 (3x4), 16 (4x4)
2'x4'	2PM3	2, 3, 4, 6	32	12 (2x6), 16 (2x8), 18 (3x6), 24 (4x6), 32 (4x8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp and cell compatibility.
- 2 Available only with CSA option.
- 3 Consult www.lithonia.com for additional high-efficiency ballast options.
- 4 Not available with U316 lamp.
- 5 Consult www.lithonia.com for available options.
- 6 Must specify voltage.

Intended Use

Louvered parabolic luminaires for use in open area indoor applications where optical control, visual comfort and light cut-off are important.

Features

- 2PM4 contains 4" deep louver while 2PM2 contains 2" deep louver
- Louvers available with low-iridescent, specular silver or diffuse silver aluminum
- Hemmed sides and ends provide smooth edges for easy handling during installation
- Integral T bar safety clips secure fixture to T bar

- Air function capabilities available
- Available in 2'x2' and 2'x4' sizes
- Supplied with plastic film secured to face of louver for protection during shipping and installation
- Compatible with most ceiling types

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards - optional. NOM Certified - optional.

2PM4 2PM2

Paramax®

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2PM4 G B 3 32 18LD MVOLT 1/3 GEB10IS

Series	Trim	Air function	Number of lamps ¹	Lamp type ¹	Number of cells/Louver	Voltage
2PM4 Paramax® 4" louver family	G Lay-in grid F Flanged	B No air function A Air supply/return	2 3	17 17W T8 (24") U31 31W T8 U (1-5/8" leg)	<u>Number of cells</u> 6 LD Low-iridescent anodized diffuse silver	MVOLT 347 ³
2PM2 Paramax® 2" louver family	ST Screw slot	D Dual function supply/return/ heat removal	4 Not included.	U316 31W T8 U (6" leg) ² 32 32W T8 (48") CF40 40W TT5 (24")	9 LS Low-iridescent anodized specular silver 12 16 18 24 32	

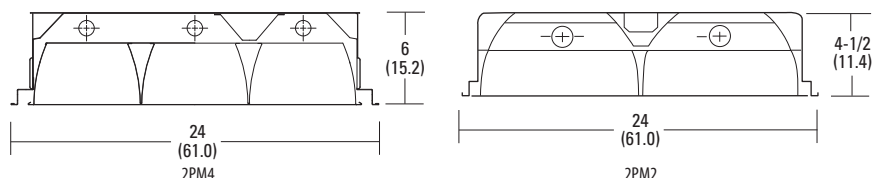
Ballast configuration	Ballast	Options ^{6,7}
(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS T8 electronic ballast, ≤10% THD, instant start	EL Emergency battery pack (nominal 300 lumens)
1/3 One 3-lamp ballast	GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start	EL14 Emergency battery pack (nominal 1400 lumens)
1/4 One 4-lamp ballast	BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁴	CSA Meets Canadian standards
	BSNP T8 high-efficiency ballast, normal ballast factor (.87), step-dim programmed start, 2-lamp only ⁵	NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
NOMINAL SIZE	NUMBER OF LAMPS	LAMP TYPE	NUMBER OF CELLS (ROWS X NUMBER IN ROW)	2PM2 HEIGHT ⁷ IN. (CM)	2PM4 HEIGHT ⁷ IN. (CM)
2'x2'	2	U316	6 (2x3), 9 (3x3), 12 (3x4), 16 (4x4)	4-1/2 (11.4)	6 (15.2)
2'x2'	2	17, U31, CF40	6 (2x3), 9 (3x3), 12 (4x3), 16 (4x4)	4-1/2 (11.4)	6 (15.2)
2'x2'	3	17, U31, CF40	9 (3x3), 12 (3x4), 16 (4x4)	4-1/2 (11.4)	6 (15.2)
2'x2'	4	17, CF40	6 (2x3), 9 (3x3), 12 (4x3), 16 (4x4)	4-1/2 (11.4)	6 (15.2)
2'x4'	2	32	12 (2x6), 16 (2x8), 18 (3x6), 24 (4x6), 32 (4x8)	4-1/2 (11.4)	6 (15.2)
2'x4'	3	32	18 (3x6), 24 (3x8), 32 (4x8)	4-1/2 (11.4)	6 (15.2)
2'x4'	4	32	12 (2x6), 16 (2x8), 18 (3x6), 24 (4x6), 32 (4x8)	4-1/2 (11.4)	6 (15.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for lamp and cell compatibility.
- 2 Not available on three-lamp fixtures. Use U31.
- 3 Available only with CSA option.
- 4 Consult www.lithonia.com for additional high-efficiency ballast options.
- 5 Not available in 347V.
- 6 Consult www.lithonia.com for other options.
- 7 Some options increase fixture depth. Consult factory if plenum depth is a factor.

PARABOLICS

2'x2', 2'x4'



Intended Use

Designed for use in open area applications where optical control, visual comfort and light cut-off are important.

Features

- Hemmed sides and ends provide smooth edges for easy handling during installation
- Integral T bar safety clips secures fixture to T bar

- Available with diffuse silver louver
- Supplied with plastic film secured to face of louver for protection during shipping and installation
- Available in 2'x2' and 2'x4' sizes

Listings

UL Listed.

CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

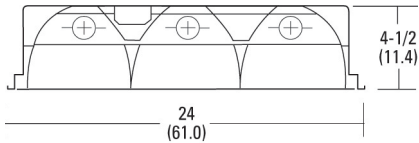
Example: PT3 MV

Catalog number	Description	Number of lamps	Lamp type	Voltage	Ballast	Pre-wire	Lamp included	Lamp color
PT2U MV	2x2 recessed, static	2	32 U-lamp	120 - 277	Instant start	N	N	-
PT2UA MV	2x2 recessed, supply/return air w/closure strips	2	32 U-lamp	120 - 277	Instant start	N	N	-
PT2UALW MV	2x2 recessed, supply/return air w/closure strips	2	32 U-lamp	120 - 277	Instant start	Y	Y	700 series, 3500K
PT3 2MV	2x4 recessed, static	3	32	120 - 277	Instant start	N	N	-
PT3 MV	2x4 recessed, static	3	32	120 - 277	Instant start	N	N	-
PT3A MV	2x4 recessed, supply/return air w/closure strips	3	32	120 - 277	Instant start	N	N	-
PT3L MV	2x4 recessed, static	3	32	120 - 277	Instant start	N	Y	700 series, 3500K
PT3LW MV	2x4 recessed, static	3	32	120 - 277	Instant start	Y	Y	700 series, 3500K
PT3ALW MV	2x4 recessed, air	3	32	120 - 277	Instant start	Y	Y	700 series, 3500K

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



M

Intended Use

Surface or stem-mounted lensed fixture for general illumination in commercial offices and indoor retail applications.

Features

- 1'x4', 2'x2', 2'x4', and 4'x4' configurations available
- Die-formed, cold-rolled steel housing finished with baked white enamel

- Standard fully gasketed flush steel door with sturdy tee hinges and opposing, rotary-action cam latches
- Unit or row installation

Listings

UL Listed to U.S. and Canadian safety standards.
Optional NOM Certification.

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2M 2 32 RW A19 MVOLT GEB10IS

Series	Number of lamps ²	Lamp type ²	Door	Diffuser	Voltage
M 1' wide	1	17 17W T8 (24")	(blank) Flush steel, white	A12 #12 pattern acrylic	MVOLT
2M 2' wide	2	32 32W T8 (48")	FN Flush aluminum, natural	A12125 #12 pattern acrylic, .125" thick	347 ⁵
4M 4' wide ¹	3 ³	CF40 40W TTS (24")	FM Flush aluminum, matte black	A19 #19 pattern acrylic, .156" thick	
	4	U31 31W T8 U (1-5/8" leg)	FW Flush aluminum, white	PC15 Parabolic plastic cube louver, specular silver	
	6	U316 31W T8 U (6" leg) ⁴	RN Regressed aluminum, natural		
	8	14T5 14W T5 (24")	RM Regressed aluminum, matte black		
	Not included.	24T5HO 24W T5HO (24")	RW Regressed aluminum, white		
		28T5 28W T5 (46")			
		54T5HO 54W T5HO (46")			

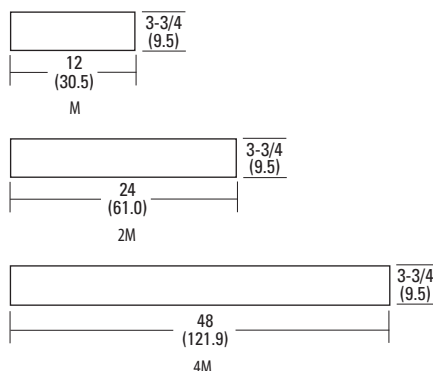
Ballast configuration	Ballast	Lamp color	Options
(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	LP735 Lamped with 700 series, 3500K	EL Emergency battery pack ⁶
1/3 One 3-lamp ballast	GEB10RS T8 and CF electronic ballast, ≤10% THD, rapid start		CSA Meets Canadian standards
1/4 One 4-lamp ballast	GEB10PS Electronic ballast, ≤10% THD, programmed start		NOM Meets Mexican standards
2/3 Two 3-lamp ballasts			
2/4 Two 4-lamp ballasts			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
1'x4'	M	1, 2, 3	32	48 (121.9)	12 (30.5)	3-3/4 (9.5)
2'x2'	2M	1, 2	U316	24 (61.0)	24 (61.0)	3-3/4 (9.5)
2'x2'	2M	2, 3	17, U31, CF40	24 (61.0)	24 (61.0)	3-3/4 (9.5)
2'x2'	2M	4	17, CF40	24 (61.0)	24 (61.0)	3-3/4 (9.5)
2'x4'	2M	2, 3, 4	32	48 (121.9)	24 (61.0)	3-3/4 (9.5)
4'x4'	4M	4, 6, 8	32	48 (121.9)	48 (121.9)	3-3/4 (9.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Center mullion standard on 4M.
- 2 See Configurations table for lamp compatibility.
- 3 Stem mounting not available on 3-lamp 2x4 models.
- 4 Not available on 3-lamp models. Use U31.
- 5 Available only with CSA option.
- 6 Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Smart+Simple Stairwell Lighting

According to the California Lighting Technology Center (cltc.ucdavis.edu), 30% of lighting energy on a typical college campus is spent on corridors and stairwells. Lighting in these transitional areas can easily be upgraded to reduce energy consumption and improve visibility for normal or emergency egress.

The NFPA 101 Life Safety Code requirements ensure safe egress at all times in these areas. NFPA 101 Section 7.8.1.3 requires the floors and other walking surfaces in and around an exit shall be a minimum illumination of at least 10 fc during use (new stairs), and at least 1 fc, measured at the floor on existing or renovation projects.

Supported by the Department of Energy (DOE), provisions of their commercial building code regarding energy efficiency have been updated to meet or exceed ASHRAE 90.1-20101: Controls Requirements. Stairwell lighting must now have a control device that automatically reduces the lighting power by at least 50% when area is unoccupied. For stairwells in educational facilities, the IES recommends 2.5 to 10 fc for typical activity and 5 to 20 fc for high activity.

Lighting with integrated occupancy sensors and sequential controls provide a simple solution to maximize energy savings in slow traffic or low-occupied areas. Integral control options include dual technology micro-sensor (occupancy sensors) and a short range sequential stairwell option. The sequential control options keep occupants safe and comfortable when the space is occupied while saving energy and money when not in use. Additionally, the sensor is designed with “fail-to-on” feature preventing any disruption in operation.

¹ <http://lightingcontrolsassociation.org/ashrae-publishes-2010-version-of-90-1-standard/>



Typical Stairwell:

- Lights are on 100% of the time.
- Stairwell is occupied 3% of the time².
- 97% of energy used is wasted.

² SensorSwitch® data-logger study, University of Minnesota



Intended Use

For wall or ceiling mounting, vertical or horizontal. The WL combines digital LED lighting and controls technologies with high-performance optical design to offer the most advanced wall-mount luminaire for general ambient lighting applications. High-efficacy light engine delivers long life and excellent color, ensuring a superior quality lighting installation that is highly efficient and sustainable.

Features

- Replaces 1- or 2-lamp T5 or T8
- 2' and 4' configurations available

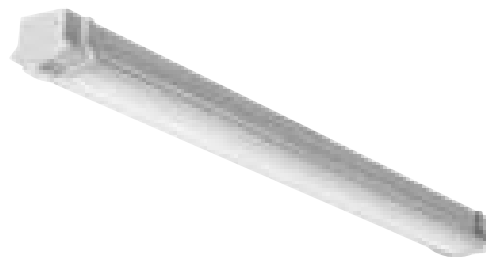
- 1200, 1800, 2500, 4100 lumen packages
- 3000, 3500, 4000, and 5000K CCTs
- Ideal for stairwells, tunnels and corridors
- Available with integrated nLight® technology and occupancy sensor

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards.

WL

Wall Bracket & Surface Mount LED

**ORDERING INFORMATION**

Specifications subject to change.

Example: WL4 25L D24 LP835 NX

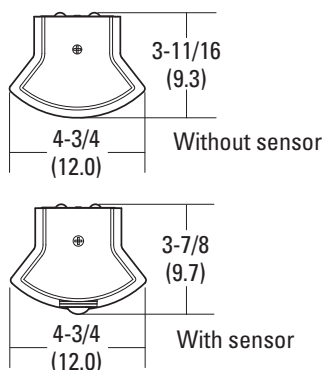
Series	Lumens ¹	Voltage	Wattage	Color temperature	Lumen management
WL2 2' Wall-Mount LED	12L ²	(blank) MVOLT (120 - 277V)	D13 13W ⁷	LP830 82 CRI, 3000K ^{8,9}	NX Less nLight
WL4 4' Wall-Mount LED	18L ³	347 347V ⁶	D20 20W ⁷	LP835 82 CRI, 3500K	N80 nLight with 80% (L80) lumen management
	25L ⁴		D24 24W ⁷	LP840 82 CRI, 4000K	N80EMG nLight with 80% (L80) lumen management. For use with generator supply EM power
	41L ⁵		D43 43W ⁷	LP850 82 CRI, 5000K ^{8,9}	N100 nLight with 100% (L100) lumen management
					N100EMG nLight with 100% (L100) lumen management. For use with generator supply EM power

Occupancy control	Standby mode ¹¹	Options	Finish ¹³
NES7 Sensor Switch nES 7 PIR integral occupancy sensor ¹⁰	(blank) Fixture turns off when unoccupied	EL14L LED Emergency battery pack (nominal 1400 lumens) ¹²	(blank) White
NESPD7 Sensor Switch nES PDT 7 dual technology integral occupancy control ¹⁰	DIM10 Fixture dims to 10% when unoccupied	SC Surface conduit end cap provisions	
NES7ADCX Sensor Switch nES 7 ADCX PIR integral occupancy sensor with automatic dimming control ¹⁰	DIM50 Fixture dims to 50% when unoccupied		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Length: with sensor -	25-7/8 (65.7)
	50-15/16 (129.40)
without sensor -	23-3/8 (59.4)
	46-13/16 (118.90)
Height: with sensor -	3-11/16 (9.3)
without sensor -	3-7/8 (9.7)
Width: 4-3/4 (12.1)	

Notes

- 1 Approximate lumen output.
- 2 For use with WL2 only, requires D13 driver.
- 3 For use with WL2 only, requires D20 driver.
- 4 For use with WL4 only, requires D24 driver.
- 5 For use with WL4 only, requires D43 driver.
- 6 Not available for use with WL2.
- 7 Actual wattage may differ by +/- 5% when operating between 120-277V +/- 10%.
- 8 Extended lead time.
- 9 Not available with 41L.
- 10 Requires N80 or N100.
- 11 Requires occupancy control.
- 12 Not available with WL2; not available with 347V.
- 13 For additional paint finishes refer to Architectural Colors.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

WT

Wall Bracket & Surface Mount Fixture



Intended Use

For wall or ceiling mounting - vertical or horizontal. Ideal for stairwells, corridors, lavatories or any utility application. Optional integrated occupancy control for maximum energy savings.

Features

- Available in 1- or 2-lamp T5 or T8

- 2' and 4' configurations available
- High impact diffuser optically engineered for superior light distribution and maximum efficacy
- Available with an integral occupancy sensor for additional energy savings

Listings

CSA Certified to meet U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: WT5 2 28T5 MVOLT GEB10PS

Series	Number of lamps	Lamp type	Diffuser type	Voltage	Ballast configuration	Ballast
WT5 T5, 1 or 2-lamp	1	17 17W T8 (24")	(blank)	MVOLT	(blank)	GEB10IS .88 ballast factor, instant start ²
WT8 T8, 1 or 2-lamp	2	32 32W T8 (48")	Linear facted impact modified diffuser	347	1- and/or 2-lamp ballasts per Lithonia Lighting standards	BSNP .88 ballast factor, step dimming, program start ²
	Not included.	14T5 14W T5 (22-1/2")			2/1 Two 1-lamp ballasts	GEB95 .95 ballast factor ^{3,4}
		24T5HO 24W T5HO (22-1/2")				GEB95S .95 ballast factor, step dimming ^{3,4}
		28T5 28W T5 (46-1/2")				GEB115 1.15 ballast factor ^{3,4}
		54T5HO 54W T5HO (46-1/2")				GEB115S 1.15 ballast factor, step dimming ^{3,4}
						GEB10PS 1.0 ballast factor, program start

Occupancy control ¹	Standby mode	Options
NESPD7 Sensor Switch nES PDT 7 dual technology integral occupancy sensor ⁵	(blank) Fixture completely off when unoccupied	CO Grounded convenience outlet, 120V only (lower right)
NES7 Sensor Switch nES 7 PIR integral occupancy sensor ⁵	DIM10 Dims to 10% when unoccupied ⁶	S1 Pull-chain switch; installed bottom right; on/off operation of all lamps only (120V only)
	DIM50 Dims to 50% when unoccupied ^{6,7}	EL Emergency battery pack (nominal 300 lumens) ⁸
		EL14 Emergency battery pack (nominal 1400 lumens) ⁸
		SC Surface conduit end cap provisions
		GLR Internal fast-blow fuse ⁹
		GMF Internal slow-blow fuse ⁹
		LP Lamped; specify lamp type and color
		CSA CSA Certified

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

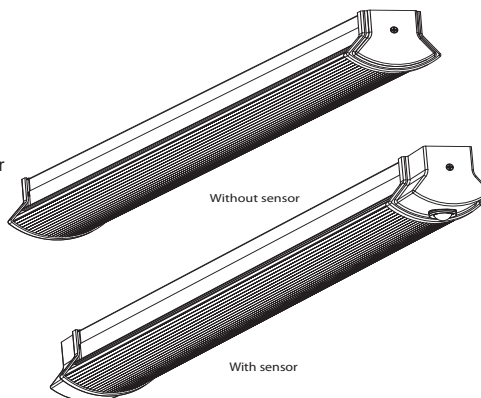
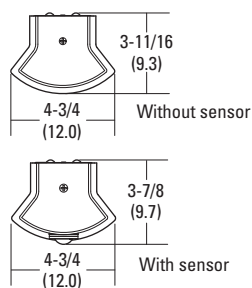
Length: T5: 22-7/8 (58.1) or 46-3/8 (117.8)

T8: 24 (61.0) or 48 (122.0) nominal

Width: 4-3/4 (12.1)

Height: 3-13/16 (9.7)

All dimensions are inches (centimeters).



Note

- Not available with instant start ballast.
- Only available with T8 lamp types.
- Only available with T5 lamp types.
- Not available in 1-lamp T5.
- Not available with WT5 14T5 and 24T5HO configurations.
- Requires 0-10V dimming ballast.
- Available with BSNP.
- Not available with WT8 17T8, WT5 14T5 or 24T5HO.
- Must specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

WP

Intended Use

For applications that require a low profile appearance. Ideal for stairwells, restrooms, patient care, lobbies, or corridors.

Features

- All fabricated components of 20-gauge cold-rolled steel
- All metal parts painted after fabrication
- Available in 2', 3', or 4' lengths with one or two lamps in cross-section

- Proprietary snap-in diffuser of tinted 50% DR acrylic with prismatic pattern
- Direct or direct/indirect distribution available
- No tools required for relamping
- Through-wire/row-mount capabilities

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards-optional. NOM Certified - optional.

**ORDERING INFORMATION**

Specifications subject to change.

Example: WP 2 32 MVOLT GEB10IS

Series	Number of lamps	Lamp type		Shielding		Voltage	Ballast configuration		Ballast	
WP	1	17	17W T8 (24")	(blank)	#12 pattern inverted, .125" thick acrylic, uplight	MVOLT 347 ¹	(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS	T8 electronic ballast, ≤10% THD, instant start
	2	25	25W T8 (36")	ACF125	Matte white flat acrylic, .125" thick, uplight		2/1	Two 1-lamp ballasts ^{2,3}	GEB10PS	T5 electronic ballast, ≤10% THD, programmed start
	Not included.	14T5	14W T5 (22")	PCL1212SV	#12 pattern inverted, .125" thick polycarbonate, uplight					
		28T5	28W T5(46")							
		32	32W T8 (48")							
	54T5HO	54W T5HO(46")								

Options

S1	Left-mounted on/off pull-switch (all lamps) ⁵	RIF1	Radio interference filter (one per fixture)
S2	Left-mounted on/off pull-switch for downlight, remote uplight switching ^{4,5}	TPS	Tamperproof screw
S4	Left-mounted four-position pull-switch (front only, rear only, all on, all off) ^{4,5}	DO	Downlight only; solid-top metal housing
BF	Internal baffle to divide uplight and downlight ⁴	CSA	Meets Canadian standards
SWR	Rocker switch, bottom right ⁵	NOM	Meets Mexican standards
CO	Grounded convenience outlet, installed bottom right (120V only) ⁵		
EL	Emergency battery pack		
MB	Matte black		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NUMBER OF LAMPS	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
WP	1, 2	17, 14T5	24-1/2 (62.2)	7-3/8 (18.7)	3-1/4 (8.3)
WP	1, 2	25, 21T5	36-1/2 (92.7)	7-3/8 (18.7)	3-1/4 (8.3)
WP	1, 2	32, 28T5, 54T5HO	48-1/2 (123.2)	7-3/8 (18.7)	3-1/4 (8.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

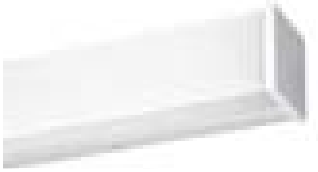
- 1 Available only with CSA option.
- 2 Must be specified with S2, S4, or BF options.
- 3 BF option must be specified if separation of up and down light is desired.
- 4 Requires 2/1 option.
- 5 For optimal locations, consult factory. Applications requiring mounting flush with both ceiling and wall, require DO option.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Wall

WC

**Intended Use**

Ideal for stairwells, corridors, lavatories or any utility application.

Features

- Steel housing with opal acrylic diffuser standard
- Clear, prismatic #12 pattern acrylic lens and front metal fascia available

- Available in 2', 3', and 4' models
- Suitable for wall or ceiling mounting - vertical or horizontal
- No tools required for diffuser removal

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards-optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

Example: WC 2 32 MVOLT GEB10IS

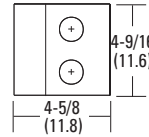
Series	Number of lamps	Lamp type		Diffuser		Voltage	Ballast		Options	
WC	1	17	17W T8 (24")	(blank)	Matte white opal acrylic	MVOLT	GEB10IS	T8 electronic ballast,≤	RMT	Row mount ²
	2	25	25W T8 (36")	A12	#12 pattern acrylic	347 ¹	GEB10PS	10% THD, instant start	S1	On/off pull-switch (all lamps), lower left ³
	Not included.	32	32W T8 (48")	FAC	Matte white opal acrylic with front metal fascia	FA12		#12 pattern acrylic with front metal fascia	CO	Grounded convenience outlet, lower right ³
		14T5	14W T5 (22")					MB	Architectural matte black finish	
		21T5	21W T5 (34")					EL	Emergency battery pack ^{4,5}	
		28T5	28W T5 (46")					CSA	Meets Canadian standards	
								NOM	Meets Mexican standards	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
SERIES	NUMBER OF LAMPS	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
WC	1, 2	17, 14T5	24 (61.0)	4-5/8 (11.7)	4-9/16 (11.6)
WC	1, 2	25, 21T5	36 (91.4)	4-5/8 (11.7)	4-9/16 (11.6)
WC	1, 2	32, 28T5	48 (121.9)	4-5/8 (11.7)	4-9/16 (11.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available only with CSA option.
- 2 Includes continuous row joiner band. N/A with CSA; models requiring CSA labeling shipped standard with joiner band.
- 3 120V only.
- 4 Consult www.lithonia.com for available options.
- 5 Not available in 2' configurations.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Specifications subject to change.

Wall

FCW

**Intended Use**

Wall or ceiling mounting - vertical or horizontal. Integral occupancy sensor available. Ideal for stairwells, corridors, bathrooms, or any utility application.

Features

- Heavy-duty code gauge steel
- Available with infrared or ultrasonic occupancy sensor

- Easy maintenance design for individual mounting
- Acrylic prismatic diffuser
- End caps spring-loaded for easy diffuser removal

Listings

UL Listed. cUL Listed or CSA Certified to Canadian standards. NOM Certified—optional.

ORDERING INFORMATION

Specifications subject to change.

Example: FCW2 1 17 120 GEB10IS

Series	Number of lamps	Lamp type	Voltage	Ballast configuration	Ballast	Options ²
FCW2	1	17 17W T8 (24")	MVOLT	(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10PS Electronic ballast, ≤ 10% THD, programmed start	1CF9 9W compact fluorescent night light ³
FCW4	2	28 28W T5 (46")	120	1/4 One 4-lamp ballast	GEB10IS Electronic ballast, ≤ 10% THD, instant start	20GA 20-gauge wiring
FCW8		32 32W T8 (48")	277			EL Emergency battery pack (nominal 300 lumens) ⁴
				2/1 Two one-lamp ballast ¹		EL14 Emergency battery pack (nominal 1400 lumens) ⁴
						<u>Integral sensor - all lamps on/off⁵</u>
						MSIU Ultrasonic, wall mount
						MSI360LB 360° infrared ceiling mount, 7-15'

<u>Integral sensor - night light stays on⁵</u>		
MSIU	Ultrasonic, wall mount	
MSI360LBNL	360° infrared ceiling mount, 7-15'	
MSI360NL	360° infrared ceiling mount, 15-45'	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH IN. (CM)	DEPTH IN. (CM)	LENGTH IN. (CM)
FCW2	1, 2	1, 2	17	5-3/8 (13.7)	4-3/16 (10.6)	24 (61.0)
FCW4	1, 2	1, 2	28T5 32	5-3/8 (13.7)	4-3/16 (10.6)	48 (121.9)
FCW8	1, 2	2, 4	28T5 32	5-3/8 (13.7)	4-3/16 (10.6)	96 (243.8)

Notes

- 1 Not available with any sensor options. Consult factory.
- 2 Battery packs available.
- 3 Night light lamp not included. Requires any G23 base two-pin 9W compact fluorescent lamp. Supplied by others.
- 4 Not available on 17W T8.
- 5 Sensors wired to toggle between night light and normal mode when used with 1CF9.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Intended Use

For applications where a sleek, brushed aluminum fixture body in a direct lighting pattern will enhance the space. Uplight and downlight available standard.

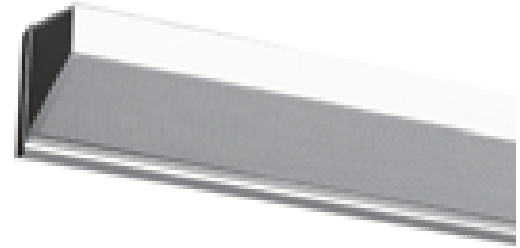
Features

- One-piece, brushed aluminum housing assembly
- Injection-molded end plates standard with woodgrain vinyl finish

- Lens housing secured to channel assembly by spring-loaded latches
- Grounded convenience outlet available on 120V unit
- Standard configuration: Uplight and down-light; optional downlight only available with DO option

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards-optional. NOM Certified - optional.



ORDERING INFORMATION

Specifications subject to change.

Example: W 2 32 MVOLT GEB10IS

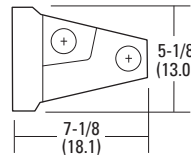
Series	Number of lamps	Lamp type	Diffuser	Voltage	Ballast	Options
W	1 2 Not included.	U16 16W T8 U (12") ¹ 17 17W T8 (24") CF18 18W TTS RS (12") 25 25W T8 (36") 32 32W T8 (48")	(blank) #12 pattern diffuser, .187" thick, upper lens A12U #12 pattern diffuser, .125" thick, upper lens A19 #19 pattern diffuser, .156" thick ACF Flat acrylic matte white diffuser, .125" thick	MVOLT 347 ²	GEB10IS T8 electronic ballast, ≤10% THD, instant start GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed start	DO Downlight only S1 On/off pull-switch (all lamps) ³ BF Baffle to divide uplight and downlight ⁴ N Night-light, unswitched, 7W C7 lamp (included), top left NS Night-light with push-switch, 7W C7 (included), top left CO Grounded convenience outlet ³ AE Brushed aluminum end cap appliques MB Matte black finish MW Matte white finish EL Emergency battery pack ⁵ CSA Meets Canadian standards NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
NOMINAL LENGTH	SERIES	NUMBER OF LAMPS	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
1'	W	1	U16	13-5/8 (34.6)	7-1/8 (18.1)	5-1/8 (13.0)
1'	W	1, 2	CF18	13-5/8 (34.6)	7-1/8 (18.1)	5-1/8 (13.0)
2'	W	1, 2	17	24-3/8 (61.9)	7-1/8 (18.1)	5-1/8 (13.0)
3'	W	1, 2	25	36-3/8 (92.4)	7-1/8 (18.1)	5-1/8 (13.0)
4'	W	1, 2	32	48-3/8 (122.9)	7-1/8 (18.1)	5-1/8 (13.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

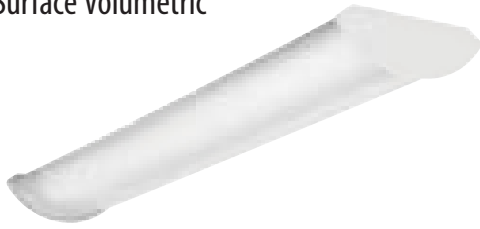
- 1 One-lamp only.
- 2 Available only with CSA option.
- 3 120V only.
- 4 Not available with DO option.
- 5 Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

STL

Surface Volumetric

**Intended Use**

The STL combines digital LED lighting and controls technologies with high-performance optical design to offer the most advanced surface-mount luminaire for general ambient lighting applications. High-efficacy light engine delivers long life and excellent color, ensuring a superior quality lighting installation that is highly efficient and sustainable.

Features

- Replaces 2-lamp T5 or T8
- 2' and 4' configurations
- 2200, 4000, and 4800 lumen packages

- 3000, 3500, 4000, and 5000K CCTs
- Excellent lumen maintenance - L80 at 50,000 hours
- Faceted refractor with light diffusing film for soft, even illumination
- Available with integrated nLight® technology

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards.



ORDERING INFORMATION

Specifications subject to change.

Example: STL2 22L D26 LP835 NX

Series	Lumens ¹	Voltage	Wattage ⁶	Color temperature	Control	Options	Finish ¹⁴
STL2 2' Surface Volumetric LED	22L ^{2,4} 40L ^{3,4}	(blank) MVOLT (120-277)	D26 26W ^{2,7} D40 40W ^{3,7,8}	LP830 82 CRI, 3000K ^{10,11} LP835 82 CRI, 3500K	NX Less controls BLD Bi-level dimming ^{3,12}	EL14L LED Emergency battery pack (nominal 1400 lumens) ^{3,13}	(blank) White DNA Natural aluminum
STL4 4' Surface Volumetric LED	48L ^{3,4}	347 347V ⁵	D50 50W ^{3,7,9}	LP840 82 CRI, 4000K LP850 82 CRI, 5000K ^{10,11}	N80 nLight with 80% (L80) lumen management N80EMG nLight with 80% (L80) lumen management. For use with generator supply EM power N100 nLight without lumen management N100EMG nLight without lumen management. For use with generator supply EM power		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

Length: 22-7/8 (58.1) or 46-3/8 (117.8)
Width: 10-1/8 (25.7)
Depth: 3-7/8 (9.8)

ACCESSORIES**ORDER SEPARATELY**

STCR	Continuous row connector (see mounting data)
STACG__	ST adjustable aircraft cable gripper suspension kit (specify length as 36 or 72 inches) (specify ceiling type F1 or F2 - see mounting data)
STACGF__	ST adjustable aircraft cable gripper with power feed (specify length as 36 or 72 inches) (specify ceiling type F1 or F2 - see mounting data)
STACGE__	ST adjustable aircraft cable gripper with emergency power feed (specify length as 36 or 72 inches) (specify ceiling type F1 or F2 - see mounting data)

Notes

- 1 Approximate lumen output.
- 2 For use with STL2 only.
- 3 For use with STL4 only.
- 4 Actual performance may differ as a result of end-user environment and application.
- 5 Not for use with EL14L.
- 6 Approximate input power.
- 7 Actual wattage may differ by -3% to +6% when

operating between 120-277V +/-10%.

- 8 For use with 40L only.
- 9 For use with 48L only.
- 10 Extended lead time.
- 11 Not available with 40L.
- 12 Not for use with EL14L on 48L system.
- 13 For use with NX control option only.
- 14 For additional paint finishes refer to: Architectural Colors.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The Surface Volumetric™ series is designed for surface or suspend-mount applications that require the appealing aesthetics and high performance of volumetric lighting. Ideal for offices, workrooms, retail and other commercial applications.

Features

- Available in 2- or 3-lamp T5 or T8
- 2' and 4' configurations available
- Excellent glare control and uniformity
- Faceted refractor with light diffusing film for soft even illumination

Listings

CSA Certified to meet U.S. and Canadian safety standards.

ST5-ST8

Surface Volumetric

**ORDERING INFORMATION**

Specifications subject to change.

Example: ST5 2 14T5 MVOLT GEB10PS

Series		Number of lamps	Lamp type		Voltage	Ballast		Options		Finish ^{7,8}	
ST5	T5, 2 or 3-lamp	2	17	17W T8 (24")	120	GEB10IS	.88 ballast factor, instant start ³	1/3	One, three-lamp ballast	(blank)	White
		3	32	32W T8 (48")	277			EL	Emergency battery pack (nominal 300 lumens) ⁵	DNA	Natural aluminum
ST8	T8, 2 or 3-lamp	Not included.	14T5	14W T5 (22-1/2") ¹	347	GEB95	.95 ballast factor ⁴	EL14	Emergency battery pack (nominal 1400 lumens) ⁵		
			24T5HO	24W T5HO (22-1/2") ²	MVOLT	GEB95S	.95 ballast factor, step dimming ⁴				
For tandem double-length unit, add prefix "T". Ex: TST8	28T5		28W T5 (46-1/2")		GEB11S	1.15 ballast factor ⁴	LP ____	Lamped; specify lamp type and color			
	54T5HO		54W T5HO (46-1/2") ²		GEB11SS	1.15 ballast factor, step dimming ⁴	GLR	Internal fast-blow fuse ⁶			
					GEB10PS	1.0 ballast factor, program start	GMF	Internal slow-blow fuse ⁶			
								CSA	Listed and labeled to comply with Canadian Standards		
								SSR	Specular silver interior finish (95% reflective)		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

Length - T8: 24 (61.0), 48 (121.9) or 96 (243.8)

Length - T5: 22-7/8 (58.1), 46-3/8 (117.8) or 92-5/8 (235.3)

Width: 10-1/8 (25.7)

Depth: 3-7/8 (9.8)

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

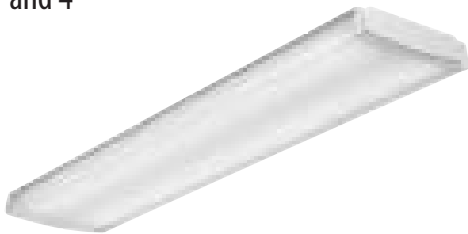
Notes

- 1 Must use 1/3 ballast option.
- 2 Not available in 3-lamp configuration.
- 3 Only available with T8 lamp types.
- 4 Only available with T5 lamp types.
- 5 Not available with 2' configuration.
- 6 Must specify voltage.
- 7 Die-cast end plates and light trap.
- 8 For additional paint finishes refer to: Architectural Colors.

PRODUCT INFORMATION

LED WRAPAROUND

2' and 4'



Intended Use

An affordable digital lighting platform designed to deliver general ambient lighting for surface ceiling-mount applications in schools, offices and hospitals. Built on the tried-and-true LB low-profile basket wraparound, the LED technology ensures reliable color consistency and extended service life of at least 50,000 hours.

Features

- Replaces 2-lamp T8
- 2' and 4' configurations available

- 2000 and 4000 lumen packages
- 3500K and 4000K CCTs
- Excellent lumen maintenance - L70 50,000 hrs

Listings

CSA Certified to meet U.S. and Canadian safety standards. DesignLights Consortium® qualified product. Tested to LM80 standards. Damp location listed.



ORDERING INFORMATION

Specifications subject to change.

Catalog Number	Description	Lumens	Color temperature	Lens type	Voltage
LBL2 LP835	2' LED Wraparound	2000 lumens	3500K	Patterned #12 acrylic	120-277V
LBL2 LP840	2' LED Wraparound	2000 lumens	4000K	Patterned #12 acrylic	120-277V
LBL4 LP835	4' LED Wraparound	4000 lumens	3500K	Patterned #12 acrylic	120-277V
LBL4 LP840	4' LED Wraparound	4000 lumens	4000K	Patterned #12 acrylic	120-277V
LBL4 347 LP835	4' LED Wraparound	4000 lumens	3500K	Patterned #12 acrylic	347V
LBL4 347 LP840	4' LED Wraparound	4000 lumens	4000K	Patterned #12 acrylic	347V

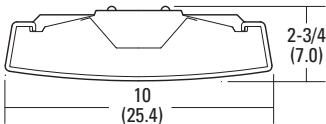
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

Length: 24 (61.0)
48 (122.0)
Width: 10 (25.4)
Depth: 2-3/4 (7.0)



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

LB

Intended Use

For surface ceiling-mount applications requiring a clean appearance. Provides high vertical illumination and brightness control.

Features

- Curved prismatic diffuser with linear side prisms minimize lamp image and provides high angle brightness control

- Luminous end plates soften appearance for improved aesthetics
- Continuous side flanges on fixture body provide light trap and continuous diffuser support to prevent accidental opening and simplify maintenance

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

**ORDERING INFORMATION**

Specifications subject to change.

Example: LB 2 32 MVOLT GEB10IS

Series ¹	Number of lamps	Lamp type	Voltage	Ballast configuration
LB Standard width	2	17 17W T8 (24")	MVOLT	(blank) 1- and/or 2- lamp ballasts per Lithonia Lighting standards
2LB Two lamps in wide housing	3 ²	32 32W T8 (48")	347 ⁴	1/3 One 3-lamp ballast
	4	14T5 14W T5 (22")		1/4 One 4-lamp ballast
	Not included.	28T5 28W T5 (46")		
		54T5HO 54W T5HO (46") ³		

Ballast

GEB10IS T8 electronic ballast, ≤10% THD, instant start
 GEB10PS T5 electronic ballast, ≤ 10% THD, programmed start³
 BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start⁵

Options

EL Emergency battery pack⁶
 NOM Meets Mexican standards
 CSA Meets Canadian standards

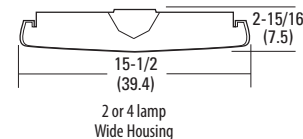
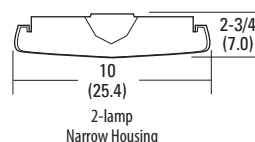
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
LB	2	2	17	24 (61.0)	10 (25.4)	3 (7.6)
LB	2	2	14T5	22 (55.9)	10 (25.4)	3 (7.6)
LB	4	4	17	24 (61.0)	15-3/8 (39.1)	3 (7.6)
LB	4	4	14T5	22 (55.9)	15-3/8 (39.1)	3 (7.6)
LB	2	2	32	48 (121.9)	10 (25.4)	3 (7.6)
LB	2	2	28T5, 54T5HO	46 (116.8)	10 (25.4)	3 (7.6)
LB	3	3	32	48 (121.9)	15-3/8 (39.1)	3 (7.6)
LB	3	3	28T5	46 (116.8)	15-3/8 (39.1)	3 (7.6)
LB	4	4	32	48 (121.9)	15-3/8 (39.1)	3 (7.6)
LB	4	4	28T5	46 (116.8)	15-3/8 (39.1)	3 (7.6)
2LB	2	2	32	48 (121.9)	15-3/8 (39.1)	3 (7.6)
2LB	2	2	28T5, 54T5HO	46 (116.8)	15-3/8 (39.1)	3 (7.6)
TLB	2	4	32	96 (243.8)	10 (25.4)	3 (7.6)
TLB	2	4	28T5, 54T5HO	92 (233.7)	10 (25.4)	3 (7.6)
TLB	3	6	32	96 (243.8)	15-3/8 (39.1)	3 (7.6)
TLB	3	6	28T5	92 (233.7)	15-3/8 (39.1)	3 (7.6)
TLB	4	8	32	96 (243.8)	15-3/8 (39.1)	3 (7.6)
TLB	4	8	28T5	92 (233.7)	15-3/8 (39.1)	3 (7.6)
T2LB	2	4	32	96 (243.8)	15-3/8 (39.1)	3 (7.6)
T2LB	2	4	28T5, 54T5HO	92 (233.7)	15-3/8 (39.1)	3 (7.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- For tandem double-length unit, add prefix T. Example: TLB.
- Available with 28T5 and 32W only.
- Not available in three- and four-lamp configurations.
- Available only with CSA options.
- Consult www.lithonia.com for additional high-efficiency ballast options.
- Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

AW

**Intended Use**

For surface ceiling-mount or suspended mount applications that require a low-profile architectural appearance. High vertical and horizontal illuminations for walkways, corridors, offices and retail applications.

Features

- Flat-bottom acrylic prismatic diffuser with sonic-welded, injection-molded, luminous ends
- Diffuser hinges open from either side for easy maintenance

- Optional high-impact-resistant diffuser available—stronger than standard acrylic
- For surface or stem mounting, individual installation

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

Example: AW 2 32 AR MVOLT GEB10IS

Series ¹	Number of lamps	Lamp type	Diffuser	Voltage	Ballast configuration
AW Standard width	2	32 32W T8 (48")	(blank) Prismatic	MVOLT	(blank) 1- and/or 2- lamp ballasts per Lithonia Lighting standards
2AW Two lamps in wide housing	3	28T5 28W T5 (46") ²	AR High-impact prismatic	347 ⁴	1/3 One 3-lamp ballast
	4	54T5HO 54W T5HO (46") ^{2,3}			1/4 One 4-lamp ballast
	Not included.				

Ballast

GEB10IS Electronic ballast, ≤10% THD, instant start
 GEB10PS Electronic ballast ≤10% THD, programmed start
 BINP T8 high-efficiency ballast, normal ballast factor (.88), instant start⁵

Options

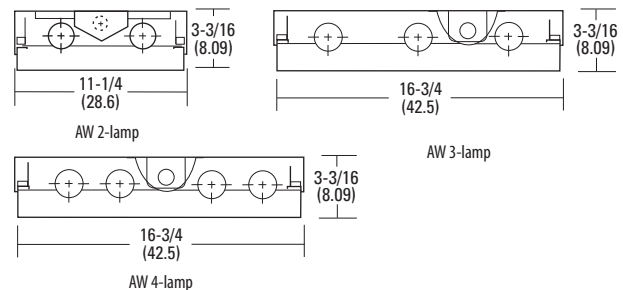
EL Emergency battery pack^{6,7}
 MB Matte black
 CSA Meets Canadian standards
 NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
AW	2	2	32, 28T5, 54T5HO	48 (121.9)	11-1/4 (28.6)	3-3/16 (8.09)
AW	3	3	32, 28T5, 54T5HO	48 (121.9)	16-3/4 (42.5)	3-3/16 (8.09)
AW	4	4	32, 28T5, 54T5HO	48 (121.9)	16-3/4 (42.5)	3-3/16 (8.09)
2AW	2	2	32, 28T5, 54T5HO	48 (121.9)	16-3/4 (42.5)	3-3/16 (8.09)
TAW	2	4	32	96 (243.8)	11-1/4 (28.6)	3-3/16 (8.09)
TAW	3	6	32	96 (243.8)	16-3/4 (42.5)	3-3/16 (8.09)
TAW	4	8	32	96 (243.8)	16-3/4 (42.5)	3-3/16 (8.09)
T2AW	2	4	32	96 (243.8)	16-3/4 (42.5)	3-3/16 (8.09)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 For tandem double-length unit, add prefix T. Example: TAW.
- 2 T5 configurations not available in tandem lengths.
- 3 Not available with four-lamp configurations.

- 4 Available only with CSA option.
- 5 Consult www.lithonia.com for additional high-efficiency ballast options.
- 6 Consult www.lithonia.com for available options.
- 7 T8 4' fixtures only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

CA

Intended Use

For surface ceiling or wall mount applications where a narrow-profile architectural appearance is desired. Ideal for areas such as corridors or stairwells where narrow width is important.

Features

- Companion to AW series, only 5-1/4" wide
- Choice of flat-bottom diffusers - prismatic acrylic or matte white opal acrylic

- Both diffusers available in high-impact versions
- Diffuser held by four torsion springs
- Hinges open from either side for easy cleaning and service

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

**ORDERING INFORMATION**

Specifications subject to change.

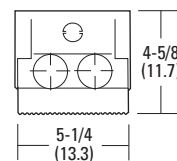
Example: CA 2 32 MVOLT GEB10IS

Series ^{1,2}	Number of lamps	Lamp type	Diffuser	Voltage	Ballast configuration
CA	1	17 17W T8 (24")	(blank) Prismatic	MVOLT	(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards
	2	25 25W T8 (36")	AR High-impact prismatic	347 ³	1/4 One 4-lamp ballast
	Not included.	32 32W T8 (48")	ACW Matte white		
		14T5 14W T5 (22")	AWR High-impact matte white		
		21T5 21W T5 (34")			
		24T5HO 24W T5HO (22½")			
		28T5 28W T5 (46")			
		54T5HO 54W T5HO (46")			
Ballast				Options	
GEB10IS	Electronic ballast, ≤10% THD, instant start			EL	Emergency battery pack ⁵
GEB10PS	Electronic ballast, ≤ 10% THD, programmed start			MB	Matte black
BNP	T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁴			CSA	Meets Canadian standards
				NOM	Meets Mexican standards

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
CA	1	1	17, 14T5	24-1/2 (62.2)	5-1/4 (13.3)	4-5/8 (11.7)
CA	2	2	17, 14T5	24-1/2 (62.2)	5-1/4 (13.3)	4-5/8 (11.7)
CA	1	1	25, 21T5	36-1/2 (92.7)	5-1/4 (13.3)	4-5/8 (11.7)
CA	2	2	25, 21T5	36-1/2 (92.7)	5-1/4 (13.3)	4-5/8 (11.7)
CA	1	1	32, 28T5	48-1/2 (123.2)	5-1/4 (13.3)	4-5/8 (11.7)
CA	2	2	32, 28T5	48-1/2 (123.2)	5-1/4 (13.3)	4-5/8 (11.7)
TCA	1	2	32	97 (246.4)	5-1/4 (13.3)	4-5/8 (11.7)
TCA	2	4	32	97 (246.4)	5-1/4 (13.3)	4-5/8 (11.7)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 For tandem double-length unit, add prefix T. Example: TCA.
- 2 Tandem T5 consult factory.
- 3 Available only with CSA option.
- 4 Consult www.lithonia.com for additional high-efficiency ballast options.
- 5 Consult www.lithonia.com for available options.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

CB

**Intended Use**

For surface ceiling-mount applications requiring a narrow profile and decorative appearance. Ideal for corridors or spaces where medium light levels in a compact design are preferred.

Features

- Acrylic prismatic diffuser with sonic-welded, injection-molded, luminous ends
- Matches LB Series in appearance
- White enamel end plates

- Linear side prisms control brightness; pyramidal bottom prisms minimize lamp image
- For surface or stem mounting, unit or row installation
- Snap-in couplers permit row mounting without tools

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

Example: CB 2 32 MVOLT GEB10IS

Series ^{1,2}	Number of lamps	Lamp type	Voltage	Ballast configuration
CB	1	17 17W T8 (24")	MVOLT	(blank) 1- and/or 2- lamp ballasts per Lithonia Lighting standards
	2	32 32W T8 (48")	347 ³	1/4 One 4-lamp ballast
	Not included.	14T5 14W T5 (22")		
		28T5 28W T5 (46")		

Ballast

GEB10IS	Electronic ballast, ≤10% THD, instant start
GEB10PS	Electronic ballast, ≤10% THD, programmed start
BINP	T8 high-efficiency ballast, normal ballast factor (.88), instant start ⁴
BPNP	T8 high-efficiency ballast, normal ballast factor (.88), programmed start ⁴

Options

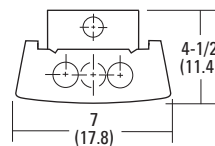
EL	Emergency battery pack ^{5,6}
CSA	Meets Canadian standards
NOM	Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
CB	1	1	17, 14T5	24 (61.0)	7 (17.8)	4-1/2 (11.4)
CB	2	2	32, 28T5	48 (121.9)	7 (17.8)	4-1/2 (11.4)
TCB	1	2	32	96 (243.8)	7 (17.8)	4-1/2 (11.4)
TCB	2	4	32	96 (243.8)	7 (17.8)	4-1/2 (11.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ For tandem double-length unit, add prefix T. Example: TCB.
- ² Tandem T5 consult factory.
- ³ Available only with CSA option.
- ⁴ Consult www.lithonia.com for additional high-efficiency ballast options.
- ⁵ Consult www.lithonia.com for available options.
- ⁶ T8 4' fixtures only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

SB



Intended Use

For surface ceiling-mount applications that require the clean appearance of a flat-bottom diffuser. Provides high light levels for storage rooms, offices, extra space, or retail applications.

Features

- Flat-bottom acrylic prismatic diffuser
- Matches CS series in appearance
- Full-depth, white enamel end plates

- Linear side prisms control brightness; pyramidal bottom prisms minimize lamp image
- Diffuser hinges open from either side for easy cleaning and service
- Surface or stem mounting (4' models only), unit or row installation

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

Example: SB 2 32 MVOLT GEB10IS

Series ^{1,2}	Number of lamps	Lamp type	Voltage	Ballast configuration
SB Standard width	2	17 17W T8 (24")	MVOLT	(blank) 1- and/or 2- lamp ballasts per Lithonia Lighting standards
2SB Two lamps in wide housing	4 ²	32 32W T8 (48")	347 ³	1/4 One 4-lamp ballast
	Not included.	14T5 14W T5 (22 1/2")		
		28T5 28W T5 (46")		
		54T5H0 54W T5H0 (46 1/2")		

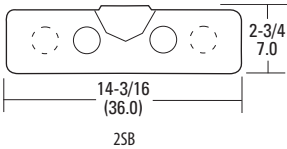
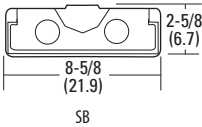
Ballast	Options
GEB10IS Electronic ballast, ≤10% THD, instant start	EL Emergency battery pack ^{5,6}
GEB10PS Electronic ballast, ≤10% THD, programm start	CSA Meets Canadian standards
BNP T8 high-efficiency ballast factor (.88), instant start ⁴	NOM Meets Mexican standards
BPNP T8 high-efficiency ballast factor (.88), programmed rapid start ⁴	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	LENGTH IN. (CM)	WIDTH IN. (CM)	HEIGHT IN. (CM)
SB	2	2	17	24 (61.0)	8-5/8 (21.9)	2-5/8 (6.7)
SB	2	2	32	48 (121.9)	8-5/8 (21.9)	2-5/8 (6.7)
SB	4	4	32	48 (121.9)	14-3/16 (36.0)	2-3/4 (7.0)
2SB	2	2	32	48 (121.9)	14-3/16 (36.0)	2-3/4 (7.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 For tandem double-length unit, use prefix T. Example: TSB.
- 2 Tandem not available with 2SB or S B four-lamp configurations.
- 3 Available only with CSA option.
- 4 Consult www.lithonia.com for additional high-efficiency ballast options.
- 5 Consult www.lithonia.com for available options.
- 6 Not available in 2' configurations.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

CLM
Classmate™



Intended Use

For applications where brightness and vertical illumination are beneficial. Ideal for schools and other applications that require high light levels.

Features

- High-impact, vandal-resistant acrylic prismatic diffuser standard
- Spring pin diffuser support prevents accidental opening and simplifies maintenance

- End of diffuser includes decorative white injection-molded end caps
- Channel includes hemmed edges
- Twist and lock anti-vibration lampholders

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

ORDERING INFORMATION

Specifications subject to change.

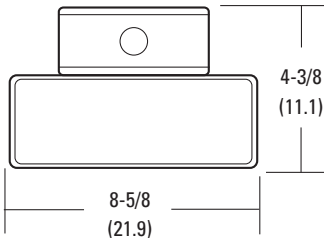
Example: CLM 2 32 MVOLT GEB10IS

Series ^{1,2}	Number of lamps	Lamp type		Diffuser ³		Voltage	Ballast configuration		Ballast		Options	
CLM	1	32	32W T8 (48")	(blank)	High-impact acrylic	MVOLT	(blank)	1- and/or 2- lamp ballasts per Lithonia Lighting standards	GEB10IS	T8 electronic ballast, ≤ 10% THD, instant start	EL	Emergency battery pack ⁵
	2	28T5	28W T5 (46")	IM	#7100 Holophane injection-molded acrylic	347 ⁴	1/3	One 3-lamp ballast	GEB10PS	T5 electronic ballast, ≤ 10% THD, programmed start	CSA	Meets Canadian standards
	3	54T5HO	54W T5HO (46")								NOM	Meets Mexican standards
	Not included.											

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 For double-length unit, add prefix T. Example: TCLM.
- 2 Consult www.lithonia.com for dimensions and lamp compatibility.
- 3 Diffuser shipped separately.
- 4 Available only with CSA option.
- 5 Consult www.lithonia.com for available options.

PRODUCT INFORMATION

Wraparound

Intended Use

Small profile ideal for light commercial and residential applications.

Features

- One-piece channel/end plate design
- Acrylic prismatic diffuser lifts and shifts into place

- Intended for surface mounting, unit installation

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

NARROW-BASKET WRAPS

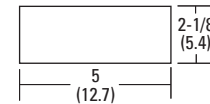
CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Catalog number	Description	Number of lamps	Lamp type	Number of ballast	Voltage	Ballast	Lamp included
RB232	Wraparound	2	32W T8	1	120	Electronic, instant start	N
RB232MV	Wraparound	2	32WT8	1	120-277	Electronic, instant start	N

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Wraparound

Intended Use

Designed for applications requiring the clean appearance of a flat-bottom diffuser.

Features

- Acrylic prismatic diffuser hinges from both sides for easy maintenance

- Intended for surface or stem mounting, unit or row installation

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

SQUARE-BASKET WRAPS

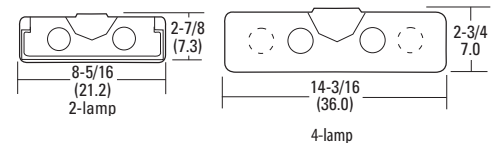
CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Catalog number	Description	Number of lamps	Length	Number of ballasts	Lamp type	Voltage	Ballast	Lamp included
SB232 MV	Basket wrap	2	48"	1	32W T8	120-277	Instant start	N
SB432 MV	Basket wrap	4	48"	1	32W T8	120-277	Instant start	N
SB217 MV	Basket wrap	2	24"	1	17W T8	120-277	Instant start	N

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Wraparound

Intended Use

For applications that require the clean appearance of a low profile, brightness controlled wraparound.

Features

- Curved prismatic diffuser with linear side prisms minimize lamp image and provides high angle brightness control

- Luminous end plates soften appearance for improved aesthetics

Listings

UL Listed. cUL Listed or CSA Certified to Canadian Standards - optional. NOM Certified - optional.

CURVED-BASKET WRAPS

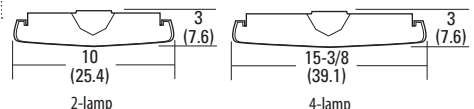
CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Catalog number	Description	Number of lamps	Lamp type	Number of ballasts	Voltage	Ballast	Lamp included
LB232 MV	Profile wrap	2	32W T8	1	120-277	Instant start	N
LB432 MV	Profile wrap	4	32W T8	1	120-277	Instant start	N

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Retrofit + Appearance + Performance = RELIGHT

Achieve significant energy savings through a lighting retrofit without sacrificing lighting appearance or performance. The RELIGHT collection of retrofit products from Lithonia Lighting® can improve the quality and aesthetics of the lighting while still generating optimum energy savings and reducing maintenance costs. Fast, simple installation provides up-front labor savings while minimizing disruption in the space. Provide the appearance and performance of a new light fixture without the expense and effort of a replacement!

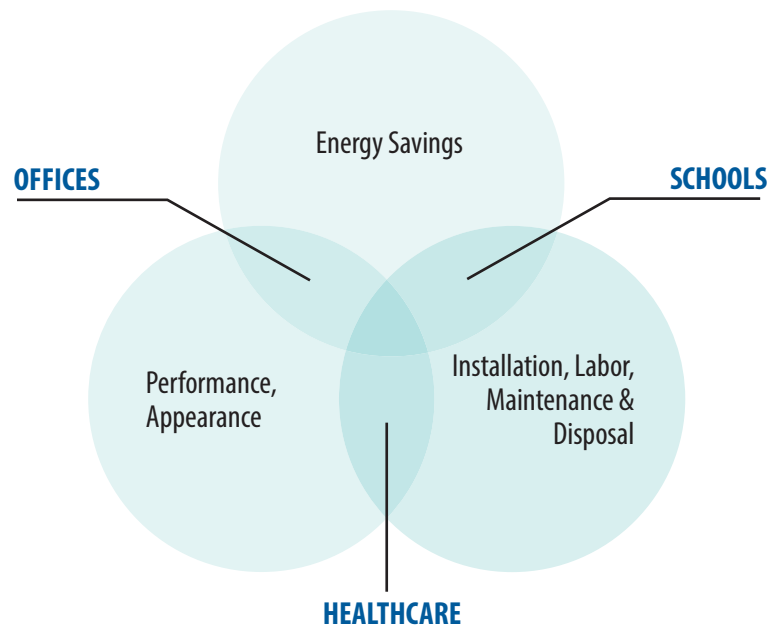
THREE EASY STEPS:

1. REMOVE and RECYCLE internal components from existing fixture.
2. RELIGHT with Lithonia Lighting® solutions for a quick, clean installation.
3. REFRESH and REVITALIZE your environment.



Major Influences in a Lighting Decision -

with RELIGHT, you don't have to sacrifice one for the other



RELIGHT kits provide UL classified solutions in nearly any recessed linear fluorescent fixture, and kits are available in both LED and high-efficiency fluorescent sources. RELIGHT LED kits are also available for most common round downlight fixtures.

RELIGHT systems provide the appearance, performance, and energy savings of a new light fixture at a far lower installed cost than a complete fixture replacement. **Which RELIGHT system will work best for you?**

Lithonia Lighting® RELIGHT kits currently installed are saving our customers nearly one billion kWh per year in energy —all while providing vastly improved lighting and appearance in their space.

Before



After



Before



After



2VTLR/2VTLRT

Relight LED



2VTL4R



Intended Use

The VTLR/VTLRT LED Relight assembly is designed to convert most existing parabolic and lensed troffers into energy saving, highly efficient center-diffuser LED lighting solutions. Relight kits install quickly and easily from below to provide the appearance and performance of a new LED light fixture without removing the existing host fixture from the ceiling.

Features

- Choice of lumen/wattage packages optimizes energy savings while improving lighting performance
- Soft finish powder coated steel doorframe / reflector assembly maximizes durability and efficiency
- Unitized LED light engine allows fast, simple installation and manages thermal performance
- Acrylic diffuser provides uniform volumetric lighting and eliminates direct LED pixelation

- Long life LEDs and efficient drivers provide L80 performance at 50,000 hours
- Full range dimming capability (0-10V control signal) is standard
- N80 Lumen Optimizer lighting management control and bi-level switching capabilities are available
- Installs in most parabolic and lensed troffer housings (always check dimensional specifications)

Listings

UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing. DesignLights consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2VTL4RT 39L D43 LP835 BLD

Series		Lumens	Diffuser	Voltage	Driver	Lamp	Control
2VTL4R	Recessed relight - LED, 2x4	45L ¹ 4500 delivered lumens (2x4)	ADP Acrylic linear prismatic	(blank) MVOLT (120-277V) 347 347V ²	D49 ³ 49W	LP835 82 CRI, 3500K	NX Dimming driver, no nLight controls
2VTL4RT	Recessed relight - LED, 2x4	39L ¹ 3900 delivered lumens (2x4)			D43 ³ 43W	LP840 82 CRI, 4000K	BLD Bi-Level dimming
2VTL2R	Recessed relight - LED, 2x2	33L ¹ 3300 delivered lumens (2x2)			D37 ³ 37W	LP830 82 CRI, 3000K	N80 nLight with 80% lumen management (lumen optimizer)
2VTL2RT	Recessed relight - LED, 2x2	23L ¹ 2300 delivered lumens (2x2)			D25 ³ 25W	LP850 82 CRI, 5000K	N100 nLight with no lumen management

R = black end brackets
RT = white end brackets

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Approximate lumen output.
- 2 Option ships separately as a field-installed item. Verify compliance with local codes before ordering.
- 3 Actual wattage may vary by up to -3% to +10% when operating between 120-277V +/- 10%.

Intended Use

The VTR/VRT Relight assembly is designed to convert most existing parabolic and lensed troffers into energy saving, highly efficient center-diffuser lighting solutions. Relight kits install quickly and easily from below to provide the appearance and performance of a new light fixture without removing the existing host fixture from the ceiling.

Features

- One, two, or three lamp versions optimize energy savings while improving lighting performance
- Steel doorframe and highly reflective aluminum reflectors maximize durability and efficiency
- Standard reflectors are 92% high reflectance white; 95% specular aluminum available (HE option)

- Acrylic diffuser provides uniform volumetric lighting while minimizing lamp image
- 2VT-R has black trim to match parabolics; 2VT-RT version has white trim to match lensed troffers
- Standard ballasts are CEE certified to qualify for utility rebate requirements
- Installs in most parabolic and lensed troffer housings (always check dimensional specifications)

Listings

UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing. NYC approved (#49192).

2VTR/2VTRT

Relight T8/T5



2VTR8

ORDERING INFORMATION

Specifications subject to change.

Example: 2VT5RT 28T5 ADP GEB95S JP21

Series	Number of lamps	Lamp type	Diffuser	Voltage	Ballast	Voltage
2VT8R Recessed relight - T8	1	T8	ADP Acrylic linear prismatic	(blank) MVOLT (120-277V)	T8	JP21 Job pack pallet - 21 kits (2x4 config)
2VT8RT Recessed relight - T8	2	32 32W T8 (2x4)		347 347V	BNP IS, high efficiency, .88 bf (normal)	JP24 Job pack pallet - 24 kits (2x2 config) ²
2VT5R Recessed relight - T5	3	17 17W T8 (2x2)			BILP IS, high efficiency, .78 bf (low)	JP32 Job pack pallet - 32 kits (2x2 config) ³
2VT5RT Recessed relight - T5		T5			BIHP IS, high efficiency, 1.20 bf (high)	
		28T5 28W T5 (2x4)			BPNP PRS, high efficiency, .88 bf (normal)	
R = black end brackets RT = white end brackets		54T5HO ¹ 54W T5HO (2x4)			BSNP PRS, step dimming, high efficiency, .87/.34 bf (normal)	
		14T5 14W T5 (2x2)			T5	
		24T5HO ¹ 24W T5HO (2x2)			GEB95 PRS, .95 bf	
					GEB95S PRS, step dimming, .95 bf	
					GEB115 PRS, 1.15 bf	
					GEB115S PRS, step dimming, 1.15 bf	
					GEB10PS PRS, 1.0 bf (required for T5HO)	
					Other ballasts and ballast factors available	

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- ¹ Requires GEB10PS ballast.
- ² Only available on the 2VT8R and 2VT8RT.
- ³ Only available on the 2VT5R and 2VT5RT.

2RTL/2RTLRT

Relight LED



2RTL4RT



Intended Use

The RTL/RTLRT LED Relight assembly is designed to convert most existing parabolic and lensed troffers into energy saving, highly efficient, low-glare volumetric LED lighting solutions. Relight kits install quickly and easily from below to provide the appearance and performance of a new LED light fixture without removing the existing host fixture from the ceiling.

Features

- Reflector and refractor system delivers volumetric performance with optimum visual comfort
- Unitized LED light engine allows fast, simple installation and manages thermal performance
- Acrylic diffusers provide uniform volumetric lighting and eliminate direct LED pixelation
- One-piece external reflector/trim assembly is molded from highly durable recyclable material

- Long life LEDs and efficient drivers provide L80 performance at 50,000 hours
- Full range dimming capability (0-10V control signal) is standard
- N80 Lumen Optimizer lighting management control and bi-level switching capabilities are available
- Installs in most parabolic and lensed troffer housings (always check dimensional specifications)

Listings

UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing. DesignLights consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: 2RTL4RT 38L D43 LP835 N80

Series	Lumens	Voltage	Driver	Lamp	Control
2RTL4R Recessed volumetric relight - LED, 2x4	44L ¹ 4400 delivered lumens (2x4)	(blank) MVOLT (120-277V)	D50 ³ 50W	LP835 82 CRI, 3500K	NX Dimming driver, no nLight controls
2RTL4RT Recessed volumetric relight - LED, 2x4	38L ¹ 3800 delivered lumens (2x4)	347 347V ²	D43 ³ 43W	LP840 82 CRI, 4000K	BLD Bi-Level dimming
2RTL2R Recessed volumetric relight - LED, 2x2	32L ¹ 3200 delivered lumens (2x2)		D38 ³ 38W	LP830 82 CRI, 3000K	N80 nLight with 80% lumen management (lumen optimizer)
2RTL2RT Recessed volumetric relight - LED, 2x2	23L ¹ 2300 delivered lumens (2x2)		D25 ³ 25W	LP850 82 CRI, 5000K	N100 nLight with no lumen management

R = black end brackets
RT = white end brackets

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

- ¹ Approximate lumen output.
- ² Option ships separately as a field-installed item. Verify compliance with local codes before ordering.
- ³ Actual wattage may vary by up to -3% to +10% when operating between 120-277V +/- 10%.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

2RTR/2RTRT

Relight T8/T5



2RT5R

Intended Use

The RTR/RTRT Relight assembly is designed to convert most existing parabolic and lensed troffers into energy saving, highly efficient, low-glare volumetric lighting solutions. Relight kits install quickly and easily from below to provide the appearance and performance of a new light fixture without removing the existing host fixture from the ceiling.

Features

- Reflector and refractor system delivers volumetric performance with optimum visual comfort
- One-piece external reflector/trim assembly is molded from highly durable recyclable material
- Standard internal reflectors are high efficiency white; 95% specular inserts are available

- Acrylic diffusers provide uniform volumetric lighting while minimizing lamp image
- 2RT-R has black trim to match parabolics; 2RT-RT version has white trim to match lensed troffers
- 2RT5R model has one-piece unitized light engine and capability of shipping with T5 lamps installed
- Standard ballasts are CEE certified to qualify for utility rebate requirements
- Installs in most parabolic and lensed troffer housings (always check dimensional specifications)

Listings

UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing. NYC approved (#49192).

ORDERING INFORMATION

Specifications subject to change.

Example: 2RT5R 28T5 GEB95S JP18

Series		Lamp type		Voltage		Ballast	Voltage	
2RT8R	Recessed volumetric relight, T8	T8		(blank)	MVOLT (120-277V)	T8	JP18	Job pack pallet - 18 kits (2x4 config)
2RT8RT	Recessed volumetric relight, T8	232	2-lamp, 32W T8 (2x4)	347	347V	BINP	JP24	Job pack pallet - 24 kits (2x2 config) ²
2RT5R ¹	Recessed volumetric relight, T5	217	2-lamp, 17W T8 (2x2)			BILP	JP32	Job pack pallet - 32 kits (2x2 config) ³
2RT5RT	Recessed volumetric relight, T5	T5				BIHP		
R = black end brackets RT = white end brackets		28T5	2-lamp, 28W T5 (2x4)			BPNP		
		54T5H0	2-lamp, 54W T5H0 (2x4)			BSNP		
		14T5	2-lamp, 14W T5 (2x2)					
		24T5H0	2-lamp, 24W T5H0 (2x2)					
						T5		
						GEB95		
						GEB95S		
						GEB115		
						GEB115S		
						GEB10PS		
						Other ballasts and ballast factors available		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 2RT5R can be ordered with lamps installed. Consult factory.
- 2 Only available on the 2RT8R and 2RT8RT.
- 3 Only available on the 2RT5R and 2RT5RT.

2BZL4R/2BZL2R

Relight LED



2BZL4RT



Intended Use
The Breez Relight converts most recessed parabolic and older lensed troffer fixtures quickly and easily to the same appearance and performance of the revolutionary Breez LED ambient lighting solution. Superior indirect lighting with fresh, unique architectural aesthetics is delivered through a high-efficacy LED system.

- Features**
- Highly reflective, uniform reflector system delivers efficient, balanced indirect lighting into the space
 - Fully-shielded LED source eliminates glare and provides a quiet ceiling
 - Unitized assembly with low-profile mounting brackets allows quick, simple installation
 - “SP” version is designed for even quicker installation in Lithonia 2SP8/2ES8/2ES8P fixtures

- Long-life LEDs and efficient drivers provide L80 performance at 50,000 hours
- Full range dimming capability (0-10V control signal) is standard
- N80 Lumen Optimizer lighting management control and bi-level switching capabilities are available
- Installs in most parabolic and lensed troffer housings (always check dimensional specifications)

Listings
UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing.



ORDERING INFORMATION		Specifications subject to change.				Example: 2BZL2RT 24L LP835					
Series		Lumens		Voltage		Wattage ¹		Controls		Options	
2BZL4R	2x4, black brackets	40L	4000 delivered lumens	(blank)	MVOLT (120-277V)	(blank)	42W	LP835 82 CRI, 3500K	LP840 82 CRI, 4000K	(blank)	Dimming driver, no nLight controls
2BZL4RT	2x4, white brackets	48L	4800 delivered lumens			(blank)	49W			N80	nLight with 80% lumen management (lumen optimizer)
2BZL4RSP	2x4 for 2SP8/2ES8/2ES8P									N100	nLight with no lumen management
2BZL2R	2x2, black brackets	24L	2400 delivered lumens	(blank)		(blank)	25W			BLD	Bi-Level dimming
2BZL2RT	2x2, white brackets	34L	3400 delivered lumens			(blank)	36W				
2BZL2RSP	2x2 for 2SP8/2ES8/2ES8P										

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Notes
1 Actual wattage may differ +/-5% when operating between 120-277V +/-10%.

2ES8R/2ES8RT

Relight T8

Intended Use

The 2ES8R/2ES8RT Relight assembly is designed to convert most existing parabolic and many lensed troffers into energy saving, highly efficient T8 open louvered solutions. Relight kits install quickly and easily from below to provide the appearance and performance of a new T8 light fixture without removing the existing host fixture from the ceiling.

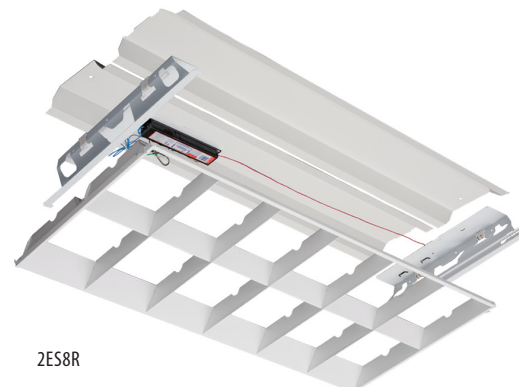
Features

- Soft finish high-reflectance white louvers maximize efficiency while reducing ceiling contrast
- Rugged steel construction provides durability, economy, and sustainability
- Pre-wired electrical assemblies install quickly and easily and optimize lamp to louver distance

- Reflector panels provide high reflectivity for optimum efficiency and uniformity with T8 lamps
- 2ES8RT models have lower profile end brackets to fit most older lensed troffers
- Standard ballasts are CEE certified to qualify for utility rebate requirements
- White finish is standard on all mounting brackets

Listings

UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing. NYC approved (#49192).



2ES8R

ORDERING INFORMATION

Specifications subject to change.

Example: 2ES8RT 232 BINP JP18

Series	Lamp type	Voltage	Ballast	Options
2ES8R ¹	Recessed high - efficiency louvered relight - T8	232 2-lamp, 32W T8 (2x4)	(blank) MVOLT (120-277V)	BINP IS, high efficiency, .88 bf (normal)
		217 2-lamp, 17W T8 (2x2)	347 347V	BILP IS, high efficiency, .78 bf (low)
2ES8RT ¹	Recessed high - efficiency louvered relight - T8	2U31 2-lamp, 31W T8U (1-5/8") (2x2)		BIHP IS, high efficiency, 1.20 bf (high)
				BPNP PRS, high efficiency, .88 bf (normal)
				BPNP PRS, high efficiency, .88 bf (normal)
				BSNP PRS, step dimming, high efficiency, .87/.34 bf (normal)
				Other ballasts and ballast factors available

R = one-piece end brackets - parabolics only¹
RT = two-piece end brackets - most deep
troffers (min 3-7/8"D)

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

- ¹ 2ES8R has one-piece end brackets designed only for parabolics. 2ES8RT will fit most older lensed troffers (consult dimensional requirements). All 2ES8R / 2ES8RT brackets are painted white.

PRODUCT INFORMATION

2MRT
Retrofit T8/T5



Intended Use

The 2MRT traditional reflector kit is designed as an economical retrofit solution to provide significant energy reductions and maintenance savings for existing recessed fluorescent fixtures. 2MRT kits install quickly and easily from below the ceiling and are designed to fit universally while requiring minimal removal of components from existing host fixture.

Features

- Pre-wired ballast / electrical assemblies install quickly and easily in shallow fixtures
- Ballast disconnect supplied as standard when ordered as pre-wired ballast assembly

- End support brackets can attach to endplates or fixture body for additional flexibility
- Reflector panels are available in highly specular (95%) or high reflectance white (92%) finishes
- Two- or three-lamp configurations (2x4, 2x2) are available for a broad range of light levels
- Standard ballasts are CEE certified to qualify for utility rebate requirements

Listings

UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing.

ORDERING INFORMATION

Specifications subject to change.

Example: 2MRT 2 32 1/2 BPNP WHR

Series		Number of lamps	Lamp type		Ballast Configuration		Voltage		Ballast	Reflector	
2MRT MRT Traditional reflector retrofit kit	2x4, 2x2	1	32	32W T8 (2x4, 1x4)	1/2	One 2-lamp ballast	(blank)	MVOLT (120-277)	T8	WHR	High reflectance (92%) white
	1x4	2	17	17W T8 (2x2)	2/1	Two 1-lamp ballasts	347	347V	BINP IS, high efficiency, .88 bf (normal)	SSR	Specular (95% reflectance)
	Traditional reflector retrofit kit	3 ¹	28T5	28W T5 (2x4, 1x4)	1/3	One 3-lamp ballast			BILP IS, high efficiency, .78 bf (low)		
			14T5	14W T5 (2x2)	1/2 1/1	One 2-lamp ballast, one 1-lamp ballast			BIHP IS, high efficiency, 1.20 bf (high)		
			24T5HO	24W T5HO (2x2)	(blank)	No ballast ²			BPNP PRS, high efficiency, .88 bf (normal)		
			54T5HO	54W T5HO (2x4, 1x4)					BSNP PRS, step dimming, high efficiency, .87/.34 bf (normal)		
									T5		
									GEB95 PRS, .95 bf		
									GEB10PS PRS, 1.0 bf T5HO		
									L/BIS ² No ballast, shunted IS sockets		
									L/BPS ² No ballast, unshunted RS/PS sockets		
									Other ballasts and ballast factors available		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

- 1 2x4 and some 2x2 units only. Consult factory.
2 Kits ordered without ballast must be ordered in multiples of qty 10.

Intended Use

The MRS series is designed as an economical retrofit solution to convert existing 8' and 4' strip-type industrial fixtures to more efficient fluorescent solutions. MRS8 kit converts fixtures requiring 8' lamps to much more efficient tandem 4' T8 units. Kits install quickly and easily to a range of channel widths and fixture types.

Features

- Conversion brackets adjust easily to fit a range of common channel widths from 4.0" to 5.25"
- Pre-wired ballast / electrical assemblies install quickly and easily in most common channels

- Ballast disconnect supplied as standard when ordered as pre-wired ballast assembly
- Kits are available as simple channel cover or with highly efficient industrial reflectors
- Reflectors are available in highly specular (95%) or high reflectance white (92%) finishes
- Standard ballasts are CEE certified to qualify for utility rebate requirements

Listings

UL / cUL Classified for retrofit of existing host fluorescent fixtures. Installation does not impact existing fixture UL listing.

MRS4/MRS8

Retrofit T8/T5



Optional SSR
reflector shown

ORDERING INFORMATION

Specifications subject to change.

Example: MRS8 2 32 1/4 BINP WHR

Series		Number of lamps ²	Lamp type		Ballast configuration		Voltage		Ballast		Reflector ⁷	
MRS4	4' channel	1	32	32W T8 (2x4, 1x4)	1/1	One 1-lamp ballast ⁴	(blank)	MVOLT (120-277)	T8		WHR	High reflectance (92%) white
MRS8	8' channel ¹	2	17	17W T8 (2x2)	1/2	One 2-lamp ballast ⁵	347	347V	BINP	IS, high efficiency, .88 bf (normal)	SSR	Specular (95% reflectance)
Traditional strip channel retrofit kit			28T5	28W T5 (2x4, 1x4)	2/2	Two 2-lamp ballasts ⁶			BILP	IS, high efficiency, .78 bf (low)		
			14T5	14W T5 (2x2)	1/4	One 4-lamp ballast ⁶			BIHP	IS, high efficiency, 1.20 bf (high)		
			24T5HO	24W T5HO (2x2)	(blank) No ballast ³				BPNP	PRS, high efficiency, .88 bf (normal)		
			54T5HO	54W T5HO (2x4, 1x4)					BSNP	PRS, step dimming, high efficiency, .87/.34 bf (normal)		
									T5			
								GEB95	PRS, .95 bf			
								GEB10PS	PRS, 1.0 bf T5HO			
								L/BIS	No ballast, shunted IS sockets			
								L/BPS ³	No ballast, unshunted RS/PS sockets			
									Other ballasts and ballast factors available			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

- Two 4' channel covers.
- Number of lamps in cross section per 4' length (e.g., MRS8 2 32 uses four lamps total).
- Kits ordered without ballast must be ordered in multiples of qty 10.
- MRS4 1 32 only.
- MRS4 2 32 or MRS8 1 32 only.
- MRS8 2 32 only.
- Reflectors ship separately for field installation.

Digital Facts About Digital Lighting

Embedded controls offer best in class flexibility and energy savings. It's a digital world. Think about how simple connectivity has become: personal computers, MP3 players, cellular phones-and add digital lighting to that growing list. Linking manual and automatic controls is as simple as connecting a Cat-5 cable.

Contrary to fluorescent lighting, LEDs are not negatively impacted by on/off switching and LEDs become more efficient as they are dimmed.

Out-of-the-box energy savings with digital lumen management. Energy savings of about 10% over system life and 20% savings on day one (see below). Included on all RTLED luminaires.

Connect nLight® controls to Lithonia Lighting® LED luminaires using only a Cat-5 cable. IT'S THAT EASY!

Digital Lumen Management

Enjoy 20% savings on day one and 10% average over the life of the fixture.

Manual Dimming

Luminaires enabled with nLight technology offer full-range dimming. Recommended as "best practice" due to occupant satisfaction.

Bi-Level Switching

Luminaires enabled with nLight technology can be programmed to simulate bi-level switching. While limiting occupant control, energy savings is generally greater than dimming.

Occupancy Sensors

Full range of PIR and dual-technology sensors to meet any space or control requirements.

Photosensors (daylight harvesting)

Simplify installation and reap the benefits of daylight harvesting.

Combined Strategies

Create an energy savings multiplier effect. Control strategies are easily combined with a Cat-5 cable. For example: manual dimming, occupancy sensing and daylight harvesting.

SOFTWARE FOR YOUR HARDWARE

SensorView™ Software

- Provides global control of lighting system
- Provides remote access and control from any network computer
- Shows detailed screens with real-time lighting and occupancy status
- Creates scheduled lighting control profiles
- Compiles event logs, device inventory and lighting run-time reports
- Enables remote programming for every individual sensor

Personal Controls (Virtual WallPods®)

- Manually raise or lower overhead lighting from your desktop
- Convenient taskbar applet
- Simple to use and requires no additional hardware



nLight® Product Overview

WALLPOD® MANUAL CONTROL

Standard WallPods

Single-gang, decorator-style wall stations that provide manual control

- On/off
- On/off/dim
- Scene control
- Button-less touch controls

Graphic WallPod

- 3.5" full-color touch screen
- Up to 16 on/off/dim controls and eight lighting presets
- Mounts to single-gang box



SENSORS

Occupancy Sensors

- Full line of occupancy sensors and photosensors
- PIR or passive dual technology (PIR/microphonics)
- Remotely controllable and upgradeable
- Integrated RJ45 ports

Photosensors

- Automatic set-point configuration simplifies calibration
- Tools and/or multiple commissioning visits not required



NETWORK DEVICES (MULTI-ROOM SYSTEMS)

Bridge

- Routes information between lighting zones and system gateway
- Four or eight RJ45 ports to link rooms to nLight backbone
- Optional ZigBee® wireless capability

Gateway

- Stores profiles and contains system time clock
- Provides local control point and Ethernet network access point
- Required to implement personal controls



AVANTE®

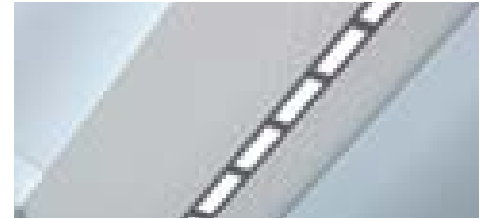
Options



MDR



MDM



MDC



OPTIONS												
NOMENCLATURE	DESCRIPTION	AV 1X2	AV 1X2 ASY	AV 1X4	AV 1X4 ASY	2AV 2X2	2AV 2X2 SMD	2AV 2X4	2AV 2X4 SMD	AVSM 1X2	AVSM 1X4	AVSM 1X8
MDR	Metal diffuser round holes	■	■	■	■	■	■	■	■	■	■	■
MDM	Metal diffuser mini-slots	■	■	■	■	■	■	■	■	■	■	■
MDC	Metal diffuser center-slot					■		■				
MDS	Metal diffuser solid		■		■	■	■	■	■			
SBL	Straight blade louver	■		■		■		■		■	■	■
ADP	Acrylic diffuser prismatic					■		■				
ASR	Aluminum stepped reflector	■	■	■	■	■	■	■	■			
APB	Air pattern control blades	■		■		■		■				
ALG	Acrylic litter guard	■	■	■	■	■	■	■	■	■	■	■
GLR	Internal fast blow fuse	■	■	■	■	■	■	■	■	■	■	■
LP_	Lamped. Specify lamp type and color	■	■	■	■	■	■	■	■	■	■	■
EL	Emergency battery pack (nominal 300 lumens, see Life Safety section)	■	■	■	■	■	■	■	■		■	■
EL55	Emergency battery pack T5/T5HO (nominal 390-700 lumens, see Life Safety section)	■	■	■	■	■	■	■	■		■	■
PWS1836	6" prewire, 3/8" dia., 18-gauge, 3 wires	■	■	■	■	■	■	■	■			
LST	Labor-saving tandem	■	■	■	■	■	■	■	■			
CP	Chicago plenum approved	■	■	■	■	■	■	■	■			

■ = Available

Light Distributions



Symmetric



Asymmetric



Side-Mounted Diffuser (SMD)

AVANTE®

Accessories

AIRCRAFT CABLE ACCESSORIES					
	NOMENCLATURE	DESCRIPTION	AVSM 1X2	AVSM 1X4	AVSM 1X8
ACCESSORIES FOR AVSM ¹	AVAC_	For grid mounting, adjustable cables non-feed individual or row fixtures	■	■	■
	AVACF_4W	For grid mounting, adjustable cables feed individual fixtures, 4-wire. (18 ga SJT)	■	■	■
	AVACF_12AWG	For grid mounting, adjustable cables feed row fixtures (12 ga SJT)	■	■	■
	AVAC_DWL	For j-box or dry wall mounting, adjustable cables non-feed individual or row fixtures	■	■	■
	AVACF_DWL	For j-box or dry wall mounting, adjustable cables feeds individual fixtures, 4 wire (18 ga SJT)	■	■	■
	AVACF_DWL12AWG	For j-box or dry wall mounting, adjustable cables feed row fixtures (12 ga SJT)	■	■	■
	SQ_	30" swivel-stem hanger	■	■	■
LENGTHS FOR AVSM EXAMPLE: AVACF30	_30	3" to 30" below ceiling adjustable cable mounting	■	■	■
	_60	30" to 60" below ceiling adjustable cable mounting	■	■	■
	_96	60" to 96" below ceiling adjustable cable mounting	■	■	■
	_144	96" to 144" below ceiling adjustable cable mounting	■	■	■
	SQ_	Lengths up to 48"	■	■	■

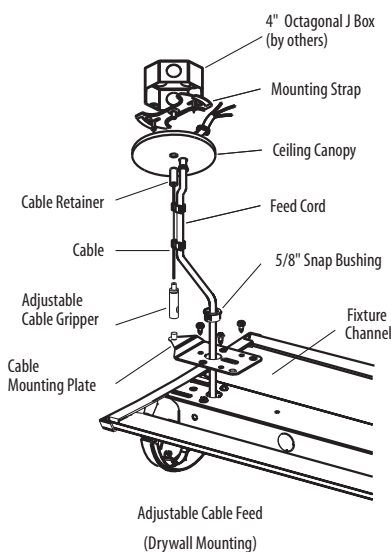
DRYWALL CEILING ADAPTER ACCESSORIES²

	AV 1X2	AV 1X4	2AV 2X2	2AV 2X4
DGA12	■			
DGA14		■		
DGA22			■	
DGA24				■

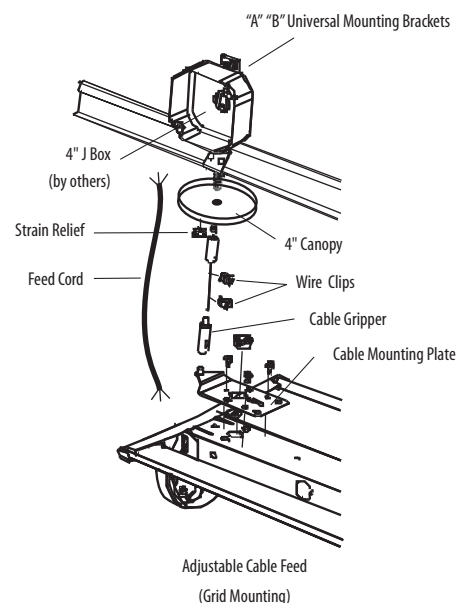
■ = Available



Acrylic litter guard (ALG) is a panel of clear acrylic permanently hinged to each reflector. It effectively prevents litter from gathering in diffuser, yet does not interfere with relamping.



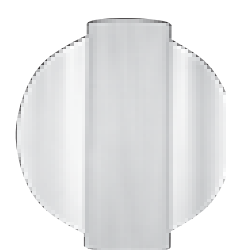
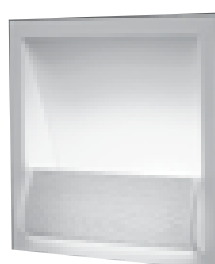
Adjustable Cable Feed
(Drywall Mounting)



Adjustable Cable Feed
(Grid Mounting)

Notes

- 1 Fixtures supplied with 15/16" t-grid mounting hardware standard.
- 2 Use G trim plus DGA accessory for fixture trim flange and fixture support in plaster or plasterboard ceilings.



PRODUCT INFORMATION

STATIC & AIR-HANDLING FIXTURES

Door Frames, Lenses and Louvers

Listed below are the door frames and shielding media available for Lithonia Lighting static and air-handling fixtures. The matrix shows the availability for each option within specific fixture families.

Other lenses and louvers are available. Contact your Lithonia Lighting sales representative.



DOOR FRAMES & DIFFUSERS FOR STATIC & AIR-HANDLING TROFFERS							
	NOMENCLATURE	DESCRIPTION	GT8	SP8/SP5	SP	SP AIR	TLED
DOOR FRAMES ¹	RN	Regressed natural anodized aluminum	■	■	■	■	
	RW	Regressed aluminum, white finish	■	■	■	■	■
	RM	Regressed aluminum, matte black finish	■	■	■	■	
	FN	Flush natural anodized aluminum	■	■	■	■	
	FW	Flush aluminum, white finish	■	■	■	■	■
	FM	Flush aluminum, matte black finish	■	■	■	■	
LENSES AND LOUVERS	A12	#12 pattern acrylic	■	■	■	■	■
	A12125	#12 pattern acrylic, .125" thick	■	■	■	■	■
	RA125	#12 pattern acrylic, reverse apex, .125" thick ²		■			
	A19	#19 pattern acrylic, .156" thick	■	■	■	■	■
	ASL	Low-brightness acrylic school lens	■	■	■	■	□
	ARF12	Radio frequency shielding (A12; others available)	■	■	■	□	
	AC	Dropped dish, matte white acrylic	■	■	■		
	PC1	Parabolic plastic-cube, 1/2"x1/2"x1/2" ³	■	■	■	□	
	PC2	Parabolic plastic-cube, 1-1/2"x1-1/2"x1" ³	■	■	■	□	
REFLECTIVE SURFACES	PC3	Parabolic plastic-cube, 3/4"x3/4"x1/2" ³	■	■	■	□	
	SSR	95% reflective silver	■	■	■	■	

■ = Available on all models.

□ = Available on most models; consult factory for exceptions.

Notes

- 1 Flush steel door standard unless otherwise noted. To order door frames, add designation after lamps in catalog number.
- 2 Pattern acrylic, reverse apex, .125" thick.
- 3 Add suffix S for silver or G for gold. Example: PC1G. For acrylic, add A. Example: PC1SA.

Door Frame Finishes

Regressed Aluminum

RN – Natural anodized
RM – Matte black
RW – White



Flush Aluminum

FN – Natural anodized
FM – Matte black
FW – White



Flush Steel

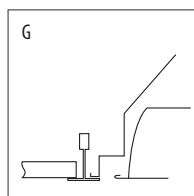
White (standard)



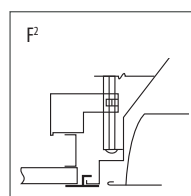
Ceiling Compatibility

PARAMAX® AND OPTIMAX®			
TYPE OF CEILING	APPROPRIATE TRIM TYPE		
	G	F	ST
Exposed grid tee	■		
Concealed grid tee	■		■
Concealed Z spline		■	
Screw slot ¹			■
Plaster or plasterboard		■	

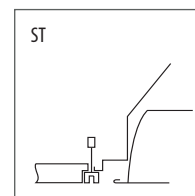
■ = Available



Lay-in trim, exposed grid tee



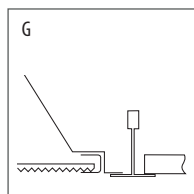
Overlapping flanged trim with swing-gate hangers



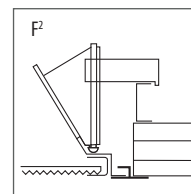
Screw slot trim, louver flush to ceiling

SP, SP8, GT8			
TYPE OF CEILING	APPROPRIATE TRIM TYPE		
	G	F	
Exposed grid tee	■		
Concealed grid tee	■		
Concealed Z spline			■
Metal pan ¹			■
Screw slot ¹	■		
Plaster or plasterboard			■

■ = Available



Lay-in trim, exposed or concealed grid tee



Overlapping flanged trim with swing-gate hangers

Plaster Frames (order separately)

Plaster frames provide a clean, square edge for plaster ceiling openings. Order F trim factory installed on fixture, then order appropriate size plaster frame option for each fixture to be installed. (Not required for drywall ceilings.)

PF4	Pair of sides for 4' long
PF2	Pair of sides for 2' long
PFE	Pair of ends for 1'x4'
2PFE	Pair of ends for 2' wide
20PFE	Pair of ends for 20" wide

Filler Pans (order separately)

Accessory filler pans to finish out ceiling grids. Side filler pans typically are used when 20"-wide fixtures are installed in 2'-wide grid systems. End filler pans are used to install 4' units into 5' grid systems.

2FP2	Side filler pans (pair), white, 2" wide, 2' long.
2FP6	End filler pans (pair), white, 6" wide, 2' long.
4FP2	Side filler pans (pair), white, 2" wide, 4' long.
20FP6	Side filler pans (pair), white, 6" wide, 20" long.

Drywall Grid Adapter

Drywall grid adapters (DGA) are used to install grid trimmed troffers in plasterboard or other hard ceilings. Order DGA accessories separately. Compatible with all lay-in troffers. Order using DGA plus nominal fixture size. Example: DGA24.

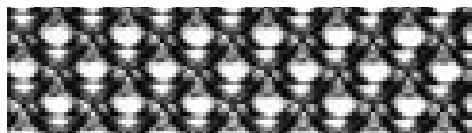
Notes

¹ Consult factory prior to order.

² Requires CRE and CRM trim options for continuous row mounting.

Metric versions of some recessed fluorescent fixtures are available. Consult www.lithonia.com for details.

Lens Options¹



A12²

- Standard Lithonia Lighting shielding
- Extruded, clear 100% acrylic
- 3/16" female prisms
- Nominal .095" thick (.125", .156" and .187" optional)^{3,4}

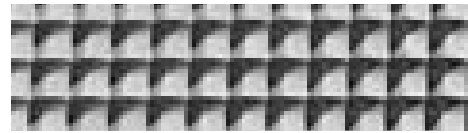
Example: 2GT8 4 32 A12 MVOLT 1/4 GEB10IS



A19

- High VCP — very low brightness in direct glare zone
- 3/16" square-base male conical prisms
- High efficiency
- Minimizes lamp image
- Nominal .156" thick (.187" optional)⁴

Example: 2SP8 G 3 32 A19 MVOLT 1/3 GEB10IS



ASL

- Acrylic school lens, developed for lighting applications where brightness control is critical (schools, libraries, etc.)
- Extruded, clear 100% acrylic
- Nominal .156" thick (.187" optional)⁴

Example: 2SP8 G 3 32 ASL MVOLT 1/3 GEB10IS



PC1

- Injection-molded parabolic polystyrene plastic louver
- 1/2"x1/2"x1/2" square cell, 45° shielding
- Specify choice of specular gold (G) or specular silver (S)

Example: 2SP8 G 3 32 PC1S MVOLT 1/3 GEB10IS



PC2

- Injection-molded parabolic polystyrene plastic louver
- 1-1/2"x1-1/2"x1" square cell, 35° shielding
- Specify choice of specular gold (G) or specular silver (S)

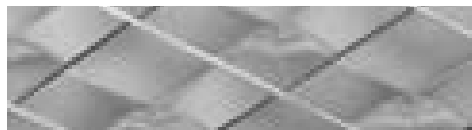
Example: 2SP8 G 3 32 PC2S MVOLT 1/3 GEB10IS



PC3

- Injection-molded parabolic polystyrene plastic louver
- 3/4"x3/4"x1/2" square cell
- Specify choice of specular gold (G) or specular silver (S)

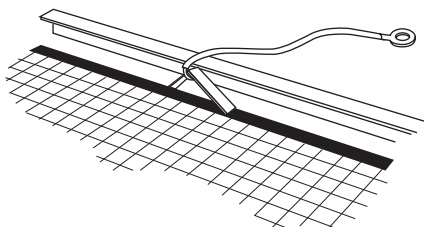
Example: 2SP8 G 3 32 PC3S MVOLT 1/3 GEB10IS



Small-Cell

- Small-cell aluminum parabolic louvers for SP AIR
- Choice of cell size and 1-1/2" or 3/4" depth
- Specify number of cells plus louver depth (15 for 1.5" and 75 for .75") and finish. For 78 cells, 1.5" deep, specular finish:

Example: 2SP G B 3 32 7815LS MVOLT 1/3 GEB10IS.



RF – Radio Frequency Shielding

- For hospitals, TV stations or where sensitive electronic equipment is in use
- Choice of patterns and thicknesses⁴
- Not available in fixtures with lens gasketing

Reflective Surface

SSR 95% minimum-reflectance silver inserts. 10-year warranty by material manufacturer.

Notes

- 1 Additional lenses and louvers available. Consult www.lithonia.com for details.
- 2 Reverse apex prism design used on SP8 only.
- 3 For .125", specify RA125.
- 4 To order any lens with optional thickness, add thickness to designation.
Example: 2SP8 G 3 32 A12125 MVOLT GEB10IS

Listed below are major electrical wiring and other options available for Lithonia Lighting static and air-handling fixtures. The matrix shows the availability of each option within specific fixture families.

Certain combinations of options are incompatible in the same fixture. Consult factory for details.

STATIC & AIR-HANDLING FIXTURES

Electrical, Wiring & Misc. Options



ELECTRICAL, WIRING & MISCELLANEOUS OPTIONS FOR STATIC & AIR-HANDLING TROFFERS

To order, add designation as a suffix to fixture catalog number, unless otherwise noted.

	NOMENCLATURE	DESCRIPTION	GT8	SP8/SP5	SP	SP AIR	PM2/PM4	PMO/PM3/HPM3	2PM3N	NAT/CNAT	AV	WW	RTS/RT8	ES8
ELECTRICAL	—	Ballast options	■	■	■	■	■	■	■	■	■	■	■	■
	—	Dimming ballast	■	■	■	■	■	■	■	■	■	■	■	■
	MVOLT	Multi-volt ballasts (120-277V) ¹	■	■	■	■	■	■	■	■	■	□	■	■
	EL/EL14	Emergency lighting ²	■	■	■	■	■	■	■	■	■	□	■	■
	GLR/GMF	Fusing	■	■	■	■	■	■	■	■	■	■	■	■
	RIF	Radio interference filter	■	■	■	■	■	■	■	■	■	■	■	■
	FR	Labeled for fire-rated ceiling	■	■	■	■	■	■	■	■	■	■	■	■
WIRING	PW_	Prewiring	■	■	■	■	■	■	■	■	■	■	■	■
	LST	Labor-saving tandem	■	■	■	■	■	■	■	■	■	□	□	■
	—	RELOC [®] wiring systems	■	■	■	■	■	■	■	■	■	■	■	■
MISCELLANEOUS	2R	Two channel covers installed					■		■					
	LG	Additional lens gasketing ³	■	■	■	■								
	HTC	T-bar safety clips (snap-on) ⁴	■	■	■	■		■	■		■			
	LATC	T-bar safety clips (screw-on) ⁴	■	■	■	■	■	■	■	■	■	■	■	■
	APB	Air-pattern control blades				■	■	■	■					
	HRD	Heat-removal dampers				■	■	■	■					
	ACS	Air closure strips				■	■	■	■					
	—	Lamps furnished and installed	■	■	■	■	■	■	■		■	■	■	■
	JP	Job pack ⁵	■	■	■	■	■	■	■		■	□	■	■

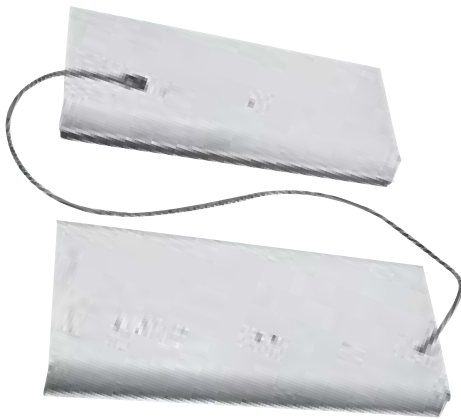
■ = Available on all models.

□ = Available on most models; consult factory for exceptions.

Notes

- Consult factory for availability.
- Addition of emergency battery pack options may increase overall fixture depth. Consult factory.
- Aluminum doors only.
- Integral T-bar safety clips are standard for most models of GT8, SP8, ES8, RTS, AV, SP, 2PM2, 2PM4, 2PM3N and 2PMO fixture families. Also available on 1x4 PM3, PMO and HPM3 fixtures. Consult factory for specific exceptions.
- Palletized and stretch-wrapped without individual cartons. Available for G (grid) and MT (modular) trims only.

LABOR-SAVING TANDEM OPTIONS



Reduces the number of ballasts required for fluorescent fixtures.

Simple, snap-together design.

Uses half the connections, and uses half the wiring and components.

Available on most sizes and types of Lithonia Lighting fixtures with access plates. Wiring connections for both fixtures located at one access plate.

Interconnection cable is fully prewired and pre-assembled.

Polarized nylon plugs ensure positive connections and prevents miswiring.

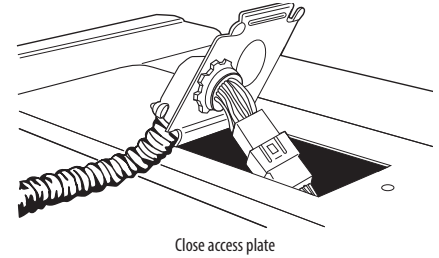
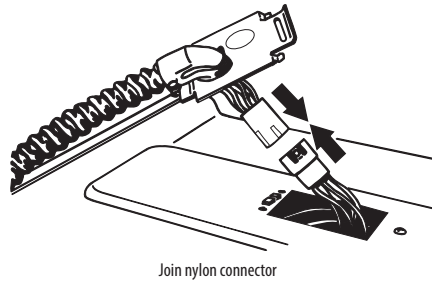
Identified ballast leads simplify multi-level switching.

Simply wire in the master unit using hard wiring, prewiring or RELOC® wiring. Then snap-connect the satellite unit to the master unit. Installation is complete.

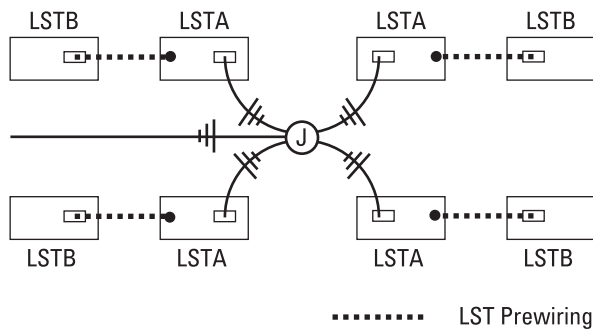
ORDERING INFORMATION

Example: 2SP8 G 3 32 A12 MVOLT GEB10IS LST11

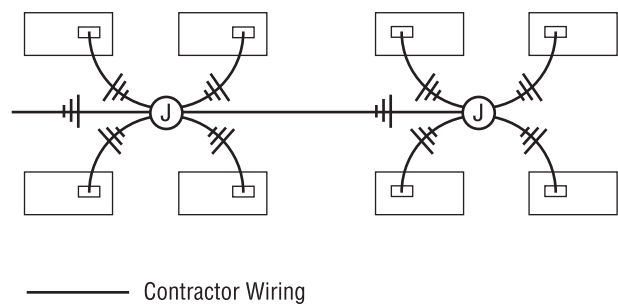
1. Select desired troffer model.
2. Add one of the following as a suffix to standard Lithonia Lighting catalog number:
LST 9' cable (standard cable length)
LST7 7' cable
LST11 11' cable
3. Consult factory for other lengths.
4. Not available for use with dimming ballast.
5. Order fixtures in pairs. Factory will supply correct number of master and satellite units.
6. Not available with energy-saving T8 lamps.



LST Method (saves up to 40% of installation labor and wiring costs)



Conventional Method



Lithonia Lighting manufactures a complete line of fixtures designed to provide any level of air-handling capability, from simple heat removal to a combination of all air functions. Compatible with a full range of air equipment by major manufacturers, these fixtures comprise the most complete and comprehensive family of air-handling fixtures available.

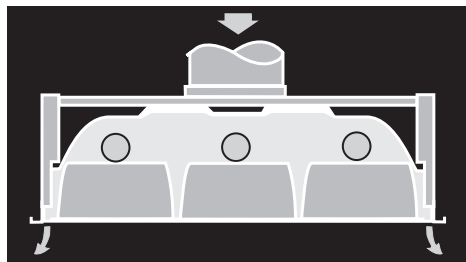
Ductwork, including air boots, supplied by others.

Best choice for...

- Dependable performance
- Application flexibility
- Air-equipment compatibility

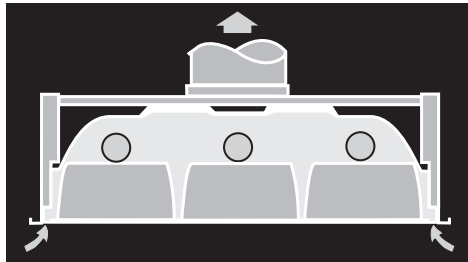
AIR-HANDLING OPTIONS

Complete Air-Handling Capability (available on SP AIR, Paramax® and Optimax® fixtures)



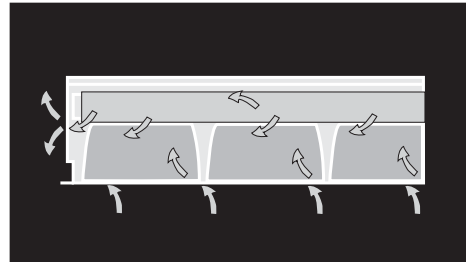
A – Air Supply

Air is supplied to occupied space through slots in side rails. Air diffusers connected to slots provide cooled or heated air to the space. Optional air-pattern control blades control airflow.



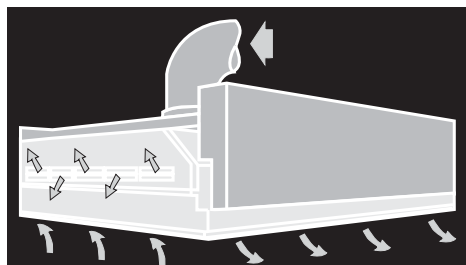
A – Air Return

Air is removed from occupied space through slots in side rails. Air is returned to plenum or to air diffusers connected to slots.



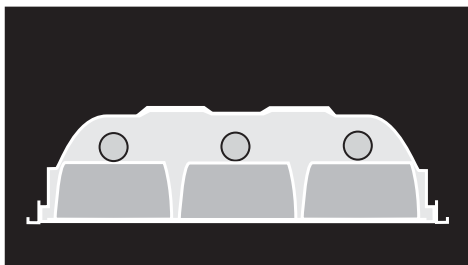
H – Heat Removal

Room air and fixture heat are removed through slots in the top or end of fixture housing. Slots in top are louvered to minimize entry of plenum contaminants into lamp cavity. Optional dampers available to control air flow.



D – All Air Functions

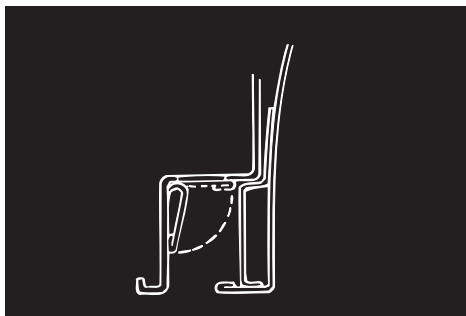
Full-function air-handling capability. Dual-function air supply and/or return through side rails and heat removal through lamp cavity.



B – No Air Functions

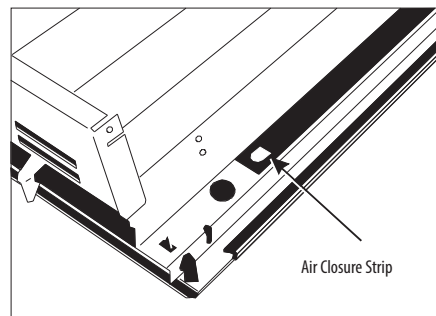
Static troffer that provides no air functions, but matches other models in appearance for continuity of design.

Air Control Options



APB – Air-Pattern Control Blades

Designed to adjust or direct airflow on air supply/return models. Adjusts without tools from fully open to fully closed. Accessible from below.



ACS – Air Closure Strips

Designed to convert fixture from air-handling to static in the field (no tools required). Not accessible from below.

MISCELLANEOUS Lamps Furnished and Installed

(Troffers only)

LP730	70+ CRI, 3000K
LP735	70+ CRI, 3500K
LP741	70+ CRI, 4100K
LP830	80+ CRI, 3000K
LP835	80+ CRI, 3500K
LP841	80+ CRI, 4100K
L830HT8	85 CRI, 3000K, long life, 3100 lumens
L835HT8	85 CRI, 3500K, long life, 3100 lumens
L841HT8	85 CRI, 4100K, long life, 3100 lumens
LPM830P	80+ CRI, 3000K, premier lamp
LPM835P	80+ CRI, 3500K, premier lamp
LPM841P	80+ CRI, 4100K, premier lamp
L830XP	80+ CRI, 3000K, premier XP
L835XP	80+ CRI, 3500K, premier XP
L841XP	80+ CRI, 4100K, premier XP

Example: 2SP8 G 3 32 A12 MVOLT GEB10IS LP735

PW – Prewiring Option

(Troffers only)

Complete range of prewired whips for every installation requirement.

- Factory-installed flexible cable, wired into fixture through access plate.
- 3/8" cable with snap-in connectors standard. 1/2" cable optional.
- Choice of wire gauge.
- Up to five wires, including one neutral (white) and one ground (green) – permits multi-level switching.
- Ready to connect to J-box.



PW1236	6' prewire, 1/2" dia., 12-gauge, 1 circuit
PW1246	6' prewire, 1/2" dia., 12-gauge, 2 circuit
PW1256	6' prewire, 1/2" dia., 12-gauge, 3 circuit
PW1836	6' prewire, 1/2" dia., 18-gauge, 1 circuit
PW1846	6' prewire, 1/2" dia., 18-gauge, 2 circuit
PW1856	6' prewire, 1/2" dia., 18-gauge, 3 circuit
PWS1236	6' prewire, 3/8" dia., 12-gauge, 1 circuit
PWS1246	6' prewire, 3/8" dia., 12-gauge, 2 circuit
PWS1256	6' prewire, 3/8" dia., 12-gauge, 3 circuit
PWS1836	6' prewire, 3/8" dia., 18-gauge, 1 circuit
PWS1846	6' prewire, 3/8" dia., 18-gauge, 2 circuit
PWS1856	6' prewire, 3/8" dia., 18-gauge, 3 circuit

Example: 2GT8 3 32 A12 MVOLT 1/3 GEB10IS PWS1836

Insulation

- IC Insulation contact (recessed)
Consult factory.

Radio Interference Filters

- RIF Inductive capacitor circuit designed to minimize interference from feedback into line. 120V or 277V, 50Hz or 60Hz. Order either one per fixture (RIF1) or one per ballast (RIF2).
Example: 2SP8 G 3 32 A12 277 GEB10IS RIF1
- EIS Inductive capacitor circuit designed to minimize interference from feedback into line. Meets MIL-STD 461A/462/463. Order either one per fixture (EIS1) or one per ballast (EIS2).
Example: 2SP8 G 3 32 A12 120 GEB10IS EIS2

Construction for Fire-Rated Ceilings

(Troffers only)

- FR Lithonia fluorescent troffers are UL Listed and are compatible with UL fire-rated ceiling assemblies. Upon request for the FR option, the FR label is applied to the back of the housing. Label states: This troffer is specially designed to be installed in fire-rated or insulated ceilings.

Example: 2GT8 4 32 A12 MVOLT 1/4 GEB10IS FR

NOTE: Not applicable for CSA or NOM listings. Some dimming and some compact lamp troffers may require electronic ballasts.

T-Bar Safety Clips

(Troffers only)

- LATC Hold-down clips to secure troffer to T-bar. Field installed. Attach by screwing to fixture end plates. Four furnished per fixture.
Example: 2PM4 G B 3 32 18LD MVOLT 1/3 GEB10IS LATC

Note: Safety clips may be used on fixtures with integral T-bar clips if additional means of attachment are required.

Snap-on Clips. (Troffers, RR, CRR)

- HTC Hold-down clips to secure troffer to T-bar. Four furnished per fixture.



Fusing

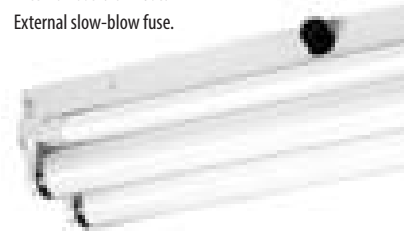
One per ballast furnished. Fusing not recommended for use with 277V magnetic dimming ballasts.

Internal Fusing

- BKTK Internal fast-blow fuse. For use in 347V fixtures.
GLR Internal fast-blow fuse.
GMF Internal slow-blow fuse

External Fusing

- (Strips and open industrials only)
GLRX External fast-blow fuse.
GMFX External slow-blow fuse.

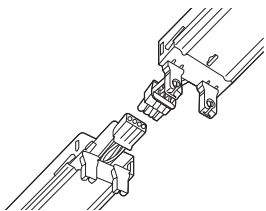


Spring Latches

(Troffers and M Series only)

- SLL Spring-loaded latch option (standard on 2SP) others consult factory
SAL Spring-action latch option (Aluminum doors only)
Example: 2GT8 4 32 FW A12 MVOLT GEB10IS SAL

Tandem Quick-Connect Plug-In



Fully prewired secondary wiring for continuous row, strip and industrial applications. Simply install two channel sections and connect plugs.

One worker can install – more efficient than a two-worker installation of one 16-foot length. Lock-together nylon plugs are polarized to prevent miswiring.

Available on all tandem-wired (T) strip, industrial fixtures and a variety of architectural row-mounted products.

TWP and TILWP available. Consult factory.

Ballast Options

GEB10IS	Electronic ballast, instant start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice, T8 and CF40.
GEB10PS	Electronic ballast, program start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice, T8, T5 and T5HO.
GEB10RS	Electronic ballast, rapid start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice, CF40 and TTS.
BINP	High-efficiency T8 electronic ballast, instant start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice.
BPNP	High-efficiency T8 electronic ballast, program start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice.
BSNP	High-efficiency T8 electronic ballast, step dimming (100-50%) program start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice.
GEB9S	High-efficiency T5 electronic ballast, program start, $\leq 10\%$ THD, MVOLT (120-277V) standard, 0.95 ballast factor. Factory choice for T5 and T5HO. Also available in 0.80, 0.90 and 1.15 ballast factors. Available in select fixture models.
GEB9SS	High-efficiency T5 electronic ballast, step dimming (100-50%), program start, $\leq 10\%$ THD, MVOLT (120-277V) standard, 0.95 ballast factor. Factory choice for T5 and T5HO. Also available in 0.80, 0.90 and 1.15 ballast factors. Available in select fixture models.
Dimming	Several options available including low voltage, line voltage and addressable dimming systems.

Generic nomenclature above represents normal (0.87 or 0.88) ballast factor, except when noted otherwise. Other choices available. Ballast manufacturer may be specified. Consult factory for nomenclature. Additional ballast information available on www.lithonia.com.

Emergency Battery Packs

Factory-installed Lithonia Emergency Systems battery pack available for most fluorescent fixtures. See page 474 for lamp and ballast compatibility. Addition of an emergency option may increase fixture depth in some 2'x2' troffers. Consult factory.

Emergency Battery Packs (cont.)

UL Listed	CSA Certified	
EL	B100C	Fixture equipped for one-lamp emergency operation of 4' lamps. (PS300QD installed)
EL5	B90C	Fixture equipped for one-lamp emergency operation of 4' lamps. (PS500QD installed)
EL6	B70C	Fixture equipped for one-lamp or two-lamp emergency operation of 4' lamps and one-lamp emergency operation of 8' lamps. (PS600QD installed)
EL14	B50C	Fixture equipped for one-lamp or two-lamp emergency operation of 4' lamps and one-lamp operation of 8' lamps. (PS1400QD installed)
EM	CEM	Inverter only option. Fixture labeled for emergency use, no integral ballast.

Add suffix DW to catalog number to specify damp/wet listing. UL Listed only. Example: EL6DW

Packaging

Job-site load of fixtures on pallets, wrapped without individual cartons. Secured to pallet.

- No carton disposal.
- Faster and easier to unpack.
- Paramax® and other Lithonia Lighting troffers packed with end protectors secured to pallet by heavy-duty plastic.
- Industrials and strips protected by heavy-duty corrugated sheet and secured to pallet. Reflectors packed separately.

JP Job Pack
Consult factory for availability.

Add suffix JP to fixture catalog number. Factory will determine number of fixtures per pallet.

Example: 2GT8 4 32 A12 MVOLT GEB10IS JP



MISCELLANEOUS

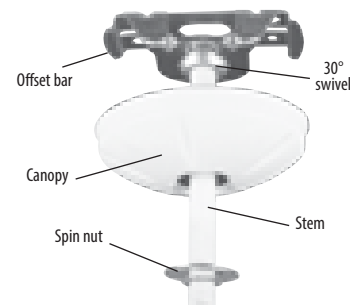
Ceiling Spacer (order separately)

1B Hanger spaces fixtures 1-1/2" to 2-1/2" from ceiling. For unit mounting, order two per fixture; for row mounting, order one per fixture plus one per row. Standard pack: 2, 20, 100.



Swivel-Stem Hangers (order separately)

- SQ_ Complete assembly with stem up to 72" (consult factory for longer lengths). Specify stem length in 2" increments and adjust as needed. 5/8" O.D. stem. Swivels 30° from vertical in any direction. Example: SQ24
- HDSQ_ Complete heavy-duty assembly. Specify length in 2" increments and adjust as needed, swivels 45° from vertical. Example: HDSQ36
- ST_ Pipe stem only. Specify length up to 72". Example: ST18
- Q Canopy, offset bar and parts only.
- ST_TBE Pipe stem only, threaded both ends. Coupler included. Specify length from 6" to 72". Example: ST48TBE.



Double-Stem Hangers (order separately)

DSH24 Complete assembly with double canopy and two 24" stems on 10" centers. For most 4' fixtures. Other stem lengths available.



SURFACE MOUNT

Electrical, Hanging & Misc. Options

Listed below are the major electrical and other options available for Lithonia Lighting fluorescent fixtures. The matrix shows the availability of each option within specific fixture families.

Additional options and accessories are available. Contact your Lithonia Lighting sales representative for more information.




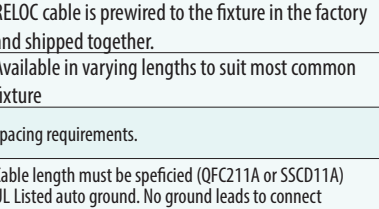

ELECTRICAL, HANGING & MISCELLANEOUS OPTIONS FOR COMMERCIAL FIXTURES											
Order hanging devices as accessories, using separate catalog numbers. Order options by adding suffix to catalog number, unless otherwise noted.											
NOMENCLATURE			PMOX/PM3X	M	AW	CA	SB	LB/CB	CLM	ST	RTX
ELECTRICAL	—	Ballast options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	—	Dimming ballast	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	EL/EL14/EL55/EL65	Emergency lighting	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	GLR/GMF	Fusing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	RIF	Radio interference filter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HANGING DEVICES	SQ_	Swivel-stem hanger	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DSH24	Double-stem hanger			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	1B	Ceiling spacer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
MISCELLANEOUS	SSR	95% reflective silver	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	

- ☒ = Available on all models.
- ☐ = Available on most models; consult factory for exceptions.

Order RELOC wiring with lay-in troffers and parabolics for use in buildings, schools and retail stores. Access plates have one pre-punched knockout to speed up installation. UL Listed autoground. Fixtures are automatically grounded as soon as the access plate is snapped in place. No ground leads

to connect. Auto-latching springs allow for an easy, secure connection and prevent accidental disengagement. Order RELOC factory wiring options for recessed ceiling and open ceiling applications.

RELOC®

RELOC					
Recessed & Open Ceiling			RRL Standard Wiring Instructions	Add to Fixture Description	Product Detail
RRL - RELOC Ready Luminaire					
RRL			Ballast/Driver wired to Pin Position #1 (Phase A)	RRLA	
			Ballast/Driver wired to Pin Position #2 (Phase B)	RRLB	
			Ballast/Driver wired to Pin Position #3 (Phase C)	RRLC	
			Outboard Ballast/Driver wired to Pin Position #1 (Phase A)	RRLAB	
			Inboard Ballast/Driver wired to Pin Position #2 (Phase B)		
			Ballast/Driver wired to Pin Position #1 (Phase A)	RRLAE	
			Emergency Ballast/Driver wired to Pin Position #2 (Phase B)	RRLABE	
			Ballast/Driver wired to Pin Position #1 (Phase A)		
			Ballast/Driver wired to Pin Position #2 (Phase B)		
			Emergency Ballast/Driver wired to Pin Position #3 (Phase C)		
			Ballast/Driver wired to Pin Position #1 (Phase A)	C12S	
			Low Voltage wire (Positive Purple)(Data1) wired to Pin Position #2		
			Low Voltage wire (Common Gray)(Data2) wired to Pin Position #3		
Recessed Ceiling	Series	RELOC Cable Attached to Fixture	Quick Flex and System 820 Standard Wiring Instructions	Add to Fixture Description	Product Detail
Quick-Flex	QFC	12/2G	Ballast/Driver wired to Hot #1 (Phase A)	QFC2_A	
		12/3G	Ballast/Driver wired to Hot #1 (Phase A), Cap Hot #2	QFC3_A	
		12/3G	Ballast/Driver wired to Hot #2 (Phase B), Cap Hot #1	QFC3_B	
		12/3G	Outboard Ballast/Driver wired to Hot #1 (Phase A)	QFC3_AB	
		12/3G	Inboard Ballast/Driver wired to Hot #2 (Phase B)		
		12/3G	Ballast/Driver wired to Hot #1 (Phase A)	QFC3_AE	
		Emergency Ballast/Driver wired to Hot #2 (Phase B)			
System 820	SSC	D	Ballast/Driver wired Hot #1 (Phase A)	SSCD_A	
		E	Ballast/Driver wired to Hot #2 (Phase B), Cap Hot #1	SSCE_B	
		E	Outboard Ballast/Driver wired to Hot #1 (Phase A)	SSCE_AB	
		E	Inboard Ballast/Driver wired to Hot #2 (Phase B)		
		E	Ballast/Driver wired to Hot #1 (Phase A)	SSCE_AE	
		E	Emergency Ballast/Driver wired to Hot #2 (Phase B)		
		D	Ballast/Driver wired to Hot Conductor (Phase A)	SSC_C12S	
				Low Voltage wire (Positive Purple)(Data1) wired to Pin Position #2	



PEERLESS®

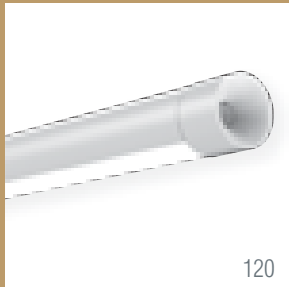
Peerless designs and manufactures architectural Lighting for People® for those who spend their days in offices, classrooms, libraries and other public spaces. Long known for humanizing environments and fostering visual well-being with comfortable, kind-to-the-eyes illumination, Peerless produces advanced lighting systems that offer leading-edge design, state-of-the-art engineering and exceptional performance.



116



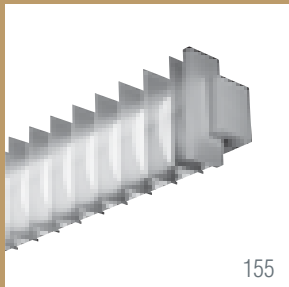
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120



132



155



158

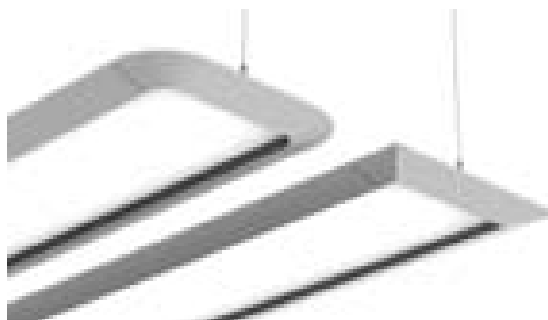
Peerless®

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VELLUM LED

Indirect/Direct



Construction

Extruded aluminum housing. Die-cast aluminum end caps mechanically attach with no exposed fasteners.

Source

Edge-lit LEDs using light guide technology deliver 3400 or 4800 nominal lumens. Three available color temperature options (3000K, 3500K and 4000K).

Optics

Softshine®-engineered optical system consists of high performance acrylic lens.

Dimming

Dimming to black standard with eldoLED® driver (remotely installed into ceiling).

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable.

Environment

Ambient operating temperature 0°C + to 25°C

Electrical

LED light engine consists of modular LED boards and 0-10V remote dimming driver rated for 50,000 hours to L_{80} at 25°C ambient temperature. Driver input wattage is 50W. Estimated 4600-4800 total lumens per 4' sections. Specify 120, 277 or 347V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine, driver and optional nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

eldoLED®



ORDERING INFORMATION

Specifications subject to change.

Example: VMM9 HI 40FT R8 277 EZB SCT LP835 F1/24 C041 LM

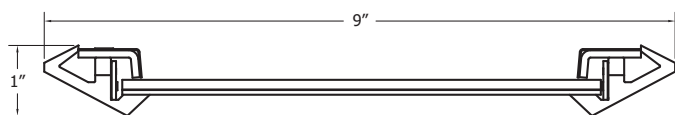
Luminaire	Light output	Distribution		Luminaire row length	Maximum section length		Voltage	Driver type*		Number of emergency modules		Emergency type*	
VMM9	LO 3500 nominal delivered-lumens	(blank) 20/80	Std. 60% up, 40% down 20% up, 80% down	X FT (4' increments)	R4 4' section(s)	120	EZB eldoLED dims to black *Remote Driver	(blank)	None	(blank)	None		
	HI 4400 nominal delivered-lumens	0/100	0% up, 100% down		R8 8' section(s)	277		1SE 1 section	EC	*Emergency type is installed in 4' or 8' sections			
						347		2SE 2 sections					
								XSE X sections					

Switching		LED Color Temperature		Mounting Type		Overall Suspension	Finish		Options		
SCT	Single circuit	LP830	3000K 80+ CRI	F1/	T-bar ceiling (universal mounting bracket)	18 18"	Overall suspension is measured from ceiling to bottom of fixture.	C041	White white (low gloss)	DU	Dust cover
		LP835	3500K 80+ CRI	* For hard ceiling installations, consult factory		24 24"		C110	Painted aluminum (low gloss)	DL	Damp location label
		LP840	4000K 80+ CRI			XX XX"		C201	Black (low gloss)	GLR	Fusing (fast blow)
								C099	Custom finish	GMF	Fusing (slow blow)
										LM	80% lumen management without networking
									N80	nLight-enabled control module per row/zone with 80% constant lumen management	
									N100	nLight-enabled control module per row/zone with NO lumen management	
									RDEP	Rounded end cap	
									XXXX	Integrated occupancy sensing, daylight detection and/or network control available. See luminaire specification sheet on website for details and option code.	

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Top View

Squared End Cap



Top View

Rounded End Cap

Lumen Packages:

Specify by Low (LO) or High (HI)	LO	HI
Delivered Lumens*	up to 3500	up to 4400
Input Watts*	38 W LO	49 W HI

*nominal values per 4'

Construction

Extruded aluminum with mitered corners forms housing.

Source

High-performance LED engine provides up to 4000 nominal delivered lumens. Two LED color temperature options — 3500K or 4000K — both within 2.5 MacAdam ellipses.

Lens

Acrylic, high-performance lens.

Finish

White paint is standard.

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple “plug-and-play” networking and control via Cat-5 cable.

Electrical

LED light engine consists of (2) LED boards and 0-10V dimmable driver rated (to 1%) for 50,000 hours (L80) at 25°C ambient temperature.

Specify MVOLT for 120V-277V or 347V with transformer. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory.

Validation

CSA/CUS listed. FCC part 15 certified.
LM-79 tested. Lighting Facts partner.

Warranty

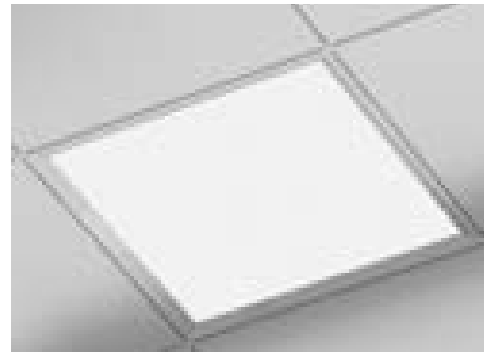
Five-year warranty includes luminaire construction, LED light engine, driver and optional nLight control device. Terms and conditions apply.

Eco-friendly Packaging

100% post-consumer recycled box. 100% recycled cardboard inserts and kraft paper tape. Biodegradable, protective luminaire bag.

VELLUM LED

Recessed



eldoLED

**ORDERING INFORMATION**

Specifications subject to change.

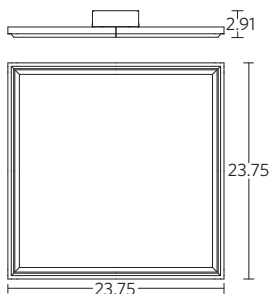
Example: VMR9 2X2 G MVOLT EZB LP835 C041 N80

Luminaire	Dimension	Mounting Type	Voltage	Driver type	LED Color temperature	Finish	Options
VMR9	2X2	G T-grid ST Screw slot grid	MVOLT 120V-277V 347 347V	EZB eldoLED dims to black	LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP840 4000K 80+ CRI	C041 White (satin)	GLR Fusing (fast blow) GMF Fusing (slow blow) LM 80% lumen management without networking N80 nLight-enabled control module per row/zone with 80% constant lumen management N100 nLight-enabled control module per row/zone without lumen management

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



VELLUM LED

Single and Quad



Construction

Extruded aluminum housing. Die-cast aluminum end caps mechanically attach with no exposed fasteners.

Source

Edge-lit LEDs using light guide technology deliver up to 6000 nominal lumens. Three available color temperature options (3000K, 3500K and 4000K).

Optics

Softshine®-engineered optical system consists of high performance acrylic lens.

Dimming

Dimming to black standard with eldoLED® driver (remotely installed into ceiling).

Finish

Standard finish for housing and end caps is white, black or painted aluminum. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated for 50,000 hours to L80 at 25° C ambient temperature. Driver input wattage is 50W. Estimated 1500-6000 total lumens per luminaire.

Specify 120, 277 or 347V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Validation

CSA/CUS listed. FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine, driver and optional nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

eldoLED®



ORDERING INFORMATION

Specifications subject to change.

Example: VMM9 P1 HI 277 EZB SCT LP835 F1/24 C041

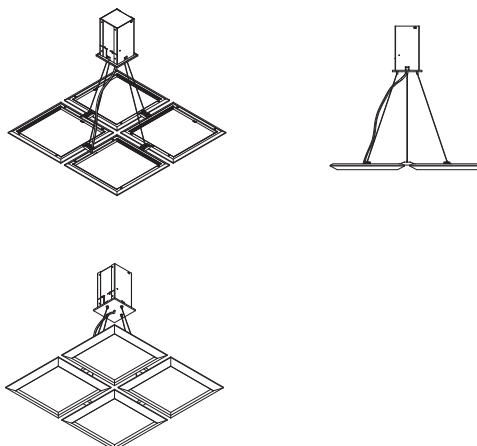
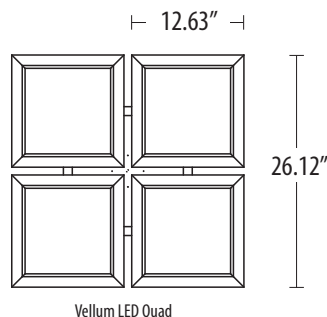
Luminaire		Light Output		Distribution		Voltage	Driver Type	
VMPSS	Single Square Corner	HI	1500 nominal delivered-lumens	(blank)	Std. 60% up, 40% down	120	EZB	eldoLED dims to black
VMPQS	Quad Square Corner	LO	6000 nominal delivered-lumens	20/80	20% up, 80% down	277		(remote driver)
VMPSR	Single Radius Corner			0/100	0% up, 100% down	347		
VMPQR	Quad Radius Corner							

Switching		LED Color Temperature		Mounting Type		Overall Suspension		Finish		Options	
SCT	Single circuit	LP830	3000K 80+ CRI	F1/	T-bar ceiling	18	18"	C041	White white	DU	Dust cover
		LP835	3500K 80+ CRI		(universal mounting bracket)	24	24"		(low gloss)	DL	Damp location label
		LP840	4000K 80+ CRI	F2/	Hard ceiling	XX	XX"	C110	Painted aluminum (low gloss)	GLR	Fusing (fast blow)
						Overall suspension is measured from ceiling to bottom of luminaire.		C201	Black (low gloss)	GMF	Fusing (slow blow)
								C099	Custom finish	XXXX	Integrated occupancy sensing, daylight detection and/or network control available. See Luminaire specification sheet on website for details and option code.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Construction

Extruded aluminum with mitered corners forms housing.

Source

Three LED color temperature options — 3000K, 3500K or 4000K — both within 2.5 MacAdam ellipses.

Lens

1/4" acrylic, high-performance Softshine® fastened with thumb screws.

Finish

Recessed: White paint is standard. Surface, Pendant: Painted aluminum is standard. Custom colors available, consult factory.

Mounting

Recessed: Installs into most standard T-grid and screw slot grid ceilings. Surface/Wall: Powder-coated steel mounting pan is attached to aluminum housing for secure and simplified installation. Pendant: Features finished top surface free of visible hardware, square white canopy and cylindrical stem.

**Controls**

Recessed: Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug and-play" networking and control via CAT-5e cable.

Electrical

LED light engine consists of modular LED boards and 0-10V dimmable driver rated for 50,000 hours (L₈₀) at 25°C ambient temperature. Specify MVOLT for 120V-277V or 347V with transformer. Pre-wired with 16AWG luminaire wire. For special circuiting or wire gauge, consult factory.

Validation

CSA/CUS Listed. FCC part 15 certified. LM-79 tested. Lighting Facts partner. DesignLights Consortium® qualified product.

Warranty

Five-year limited warranty includes luminaire construction, LED light engine, driver and optional nLight control device (Recessed only). Terms and conditions apply.

Eco-Friendly Packaging

100% post-consumer recycled box and protective lens cover.
100% recycled cardboard inserts and kraft paper tape.
Biodegradable, protective luminaire bag.

MINO LED

**ORDERING INFORMATION**

Specifications subject to change.

Example: MN9 1X4 G MVOLT D38 LP835 C312 N80

Luminaire	Dimension	Ceiling	Voltage	Driver Type	LED Color Temperature	Mounting type/ (Pendant only)	Overall Suspension (Pendant only)	Finish	Options
MN9	1x1	(blank) Pendant	MVOLT 120V-277V	D10 10W	LP830 3000K 80+ CRI	F3C/Swivel stem	12 12"	C311 Painted aluminum (Not available for Recessed)	GLR Fusing (fast blow)
	2x2	G T-grid (Recessed)	347 347V	maximum (1x1)	LP835 3500K 80+ CRI		18 18"		GMF Fusing (slow blow)
	1x4	ST Screw slot grid (Recessed)		D38 38W maximum	LP840 4000K 80+ CRI		24 24"		FLNGW* Dry wall grid adapter (Recessed only)
		S Surface (For use on hardtop ceiling and walls only)*					36 36"		LM 80% lumen management without networking
		RW Recessed wall*					48 48"		N80 nLight-enabled control module per row/zone with 80% constant lumen management (Recessed only)
							Overall suspension is measured from ceiling to bottom of luminaire.	C312 White (Satin)	N100 nLight-enabled control module per row/zone without lumen management (Recessed only)
								C099 Custom finish	

*Not available on 1x4

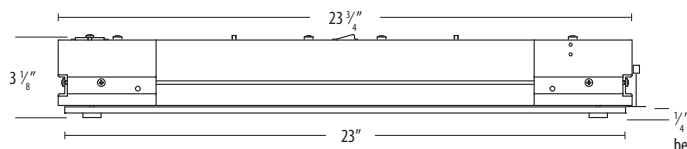
* For use on hard-surface ceilings. Minimum 10" plenum clearance required. Must specify mounting type G with this option

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

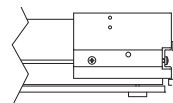
30 LBS



MN9 2x2 G Direct Recessed

LED; T-Grid

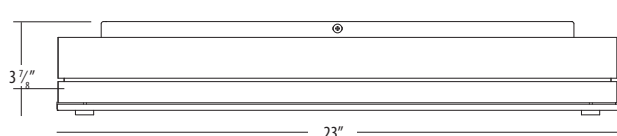
below ceiling



MN9 2x2 ST Direct Recessed

LED; Screw Slot Grid

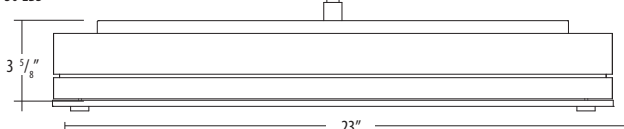
30 LBS



MN9 2x2 S Direct Surface

LED

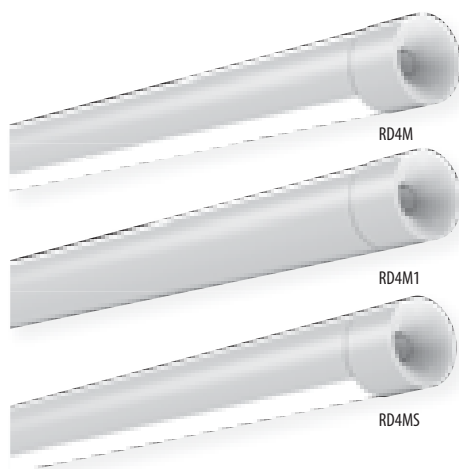
30 LBS



MN9 2x2 Direct Pendant

LED

ROUND 4 LED



Construction

Extruded aluminum housing has diameter of 4". Die-cast aluminum end caps mechanically attach with no exposed fasteners.

Source

Three available color temperature options (3000K, 3500K and 4000K).

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable.

Optics

Optical system consists of injection-molded primary optics, co-extruded acrylic lenses and metal reflectors. Lenses connect end to end to form a continuous line of light.

Dimming

Dimming down to black standard with eldoLED driver. Dual circuit (DCT) option for independent indirect and direct dimming.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Environment

Damp location label option. Ambient operating temperature 0°C to 25°C.

Validation

CSA/CUS Listed. FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Luminaire Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length, add 3" for each end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine, driver and nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.



ORDERING INFORMATION

Specifications subject to change.

Example: RD4MS W40 ASO 12FT R8 120 EZB SCT LP830 F1/24 C032

Luminaire	Lamp wattage		Shielding	Luminaire row length	Maximum section length	Voltage	Driver type	Number of emergency modules	Emergency type*
RD4M1	W20	1550 nominal delivered-lumens	(blank) None	X FT	R4 4' section(s)	120	EZB eldoLED dims to black	(blank) None	(blank) None
RD4MS	W40	3000 nominal delivered-lumens	ASO Aisle/stack option (RD4M4, RD4MS only)	(4' increments)	R8 8' section(s)	277		1SE 1 section	EC Emergency circuit
RD4M4	W20/20	1550 nominal delivered-lumens up 1550 nominal delivered-lumens down						2SE 2 sections	
	W20/40	1550 nominal delivered-lumens up 3000 nominal delivered-lumens down						XSE X sections	
	W40/20	3000 nominal delivered-lumens up 1550 nominal delivered-lumens down							
	W40/40	3000 nominal delivered-lumens up 3000 nominal delivered-lumens down							
RD4MW	W20	1400 nominal delivered-lumens							
	W40	2600 nominal delivered-lumens							

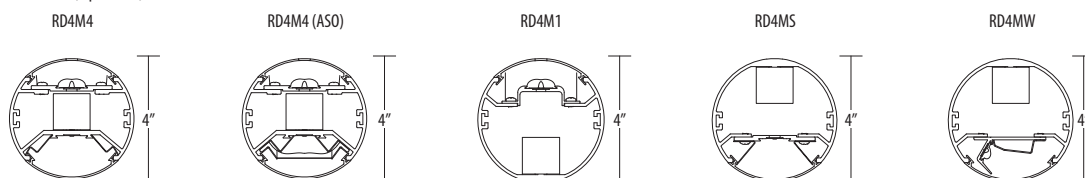
*Emergency type is installed in last 4' of luminaire sections. Separate feed required

Switching	LED Color temperature	Mounting type	Overall suspension*	Finish	Options
SCT	Single circuit	LP830 3000K 80+ CRI	F1/ T-bar ceiling (universal mounting bracket)	24 24"	C032 White white (high gloss)
		LP835 3500K 80+ CRI		36 36"	
DCT	Dual circuit (RD4M4 only)	LP840 4000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	48 48"	C110 Painted aluminum
			F2/ Hard ceiling (horizontal J-box)	72 72"	C099 Custom finish
			XX XX"		
			Overall suspension is measured from ceiling to bottom of fixture.		
			*Adjustable cable gripper comes standard		
					CFG Configuration, consult factory for drawings (not available with ASO or RD4MW)
					CP Chicago plenum (available with F1A only)
					DL Damp location label
					GLR Fusing (fast blow)
					GMF Fusing (slow blow)
					LM 80% lumen management without networking
					MCS Matching feed canopy at support
					N80 nLight nLO with 80% lumen management per row/zone
					N100 nLight nLO without lumen management per row/zone
					SLP Sloped ceiling adapter (for 10-45°; must be specified along with F2 and OJB options)
					XXXX Integrated occupancy sensing, daylight detection and/or network control available. See luminaire specification sheet on website for details and option code.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



ROUND 4 WALL LED

Construction

Extruded aluminum housing has diameter of 4". Die-cast aluminum end caps mechanically attach with no exposed fasteners.

Source

Three available color temperature options (3000K, 3500K and 4000K).

Optics

Optical system consists of injection-molded primary optics, co-extruded acrylic lenses and metal reflectors. Lenses connect end to end to form a continuous line of light.

Dimming

Dimming down to black standard with eldoLED driver.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (LM).

Environment

Damp location label option. Ambient operating temperature 0° C to 25° C.

Validation

CSA/CUS Listed. FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Luminaire Length

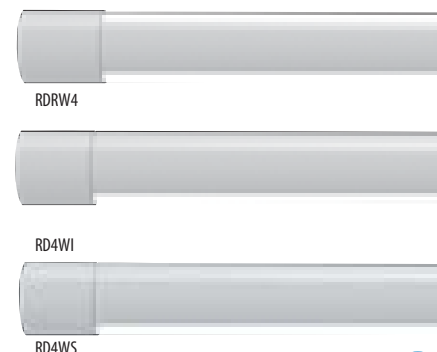
4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length, add 3" for each end cap.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine, driver and nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.



eldoLED



ORDERING INFORMATION

Specifications subject to change.

Example: RD4W1 W20 40FT R8 120 EZB SCT LP830 C110

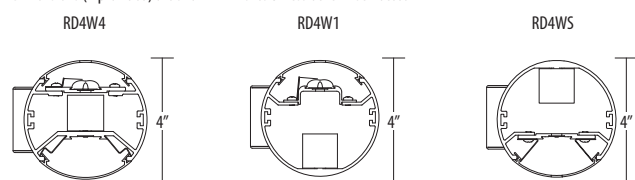
Luminaire	Lamp wattage	Luminaire row length	Maximum section length	Voltage	Driver type
RD4W1	W20 1200 nominal delivered-lumens	X FT (4' increments)	R4 4' individual	120	EZB eldoLED dims to black
RD4W4	W40 2200 nominal delivered-lumens		R8 8' individual	277	
	W20/20 1300 nominal delivered-lumens up 1300 nominal delivered-lumens down				
	W20/40 1300 nominal delivered-lumens up 2500 nominal delivered-lumens down				
	W40/20 2500 nominal delivered-lumens up 1300 nominal delivered-lumens down				
	W40/40 2500 nominal delivered-lumens up 2500 nominal delivered-lumens down				
RD4WS	W20 1600 nominal delivered-lumens				
	W40 3200 nominal delivered-lumens				

Number of emergency modules	Emergency Type*	Switching	LED Color Temperature	Finish	Options
(blank) None	(blank) None	SCT Single circuit	LP830 3000K 80+ CRI	C032 White white (high gloss)	CP Chicago plenum (available with F1A only, RD4WS & RD4W1 only)
1SE 1 section	EC Emergency circuit		LP835 3500K 80+ CRI		DL Damp location label
2SE 2 sections			LP840 4000K 80+ CRI	C110 Painted aluminum	GLR Fusing (fast blow)
XSE X sections				C099 Custom finish	GMF Fusing (slow blow)
	*Emergency type is installed in last 4' of luminaire sections. Separate feed required				LM 80% lumen management without networking
					OJB Offset junction box
					For Stairway luminaires, see RD4W4 (STW) and RD4WS (STW) spec sheets on website

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

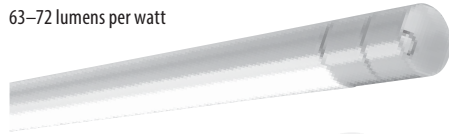
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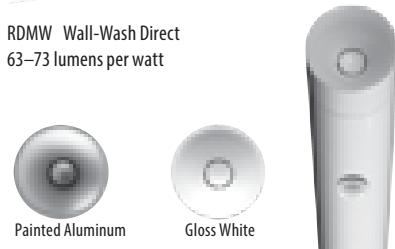
ROUND 2 LED



RDM1 Indirect
63–72 lumens per watt



RDMW Wall-Wash Direct
63–73 lumens per watt



Painted Aluminum Gloss White
LED Shown with occupancy/daylight detection sensor

Construction

Extruded aluminum housing has diameter of 2 3/4". Die-cast aluminum end caps are mechanically attached with no exposed fasteners. Die-cast rotational device standard (RDMW only).

Source

Two LED lumen packages (2000 lumens, 4000 lumens) and three available color temperature options (3000K, 3500K and 4000K).

Optics

Optical system consists of injection-molded primary optic (RDM1 only), clear and white co-extruded acrylic lens and metal reflector.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable (RDM1 only).

Electrical

LED light engine consists of modular LED boards and 0-10V full-range dimming driver rated for 50,000 hours (L80) at 25°C ambient temperature. Driver input wattage is 60W for 4000 delivered-lumen package and 30W for 2000 delivered-lumen package. Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Damp location label optional. Ambient operating temperature between 0°C and 25°C.

Luminaire Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total row length, add 2" for each end cap on RDM1 and add 3 1/4" per side for end cap and rotational mechanism on RDMW. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. Individual units are FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year limited warranty includes luminaire construction, LED light engine and driver. Terms and conditions apply.

Eco-friendly Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.



ORDERING INFORMATION

Specifications subject to change.

Example: RDM1 HI 40FT R8 277 EZB 1SE EC SCT LP835 F1/24 C110 N80

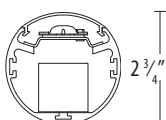
Luminaire	Light output	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules	Emergency type*
RDM1	LO	2000 nominal delivered-lumens	X FT	120	EZB eldoLED dims to black	(blank) None	(blank) None
RDMW	HI	4000 nominal delivered-lumens	4' increments	277		1SE 1 section	EC Emergency circuit
						2SE 2 sections	
						XSE X sections	

Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
SCT Single circuit	LP830 3000K 80+ CRI	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C032 Gloss white	BLK Black cord, cord manager and canopy
	LP835 3500K 80+ CRI		15 15"	C310 Painted aluminum	CP Chicago plenum (available with F1A only)
	LP840 4000K 80+ CRI		18 18"	C099 Custom finish	DL Damp location label
	Reference Lamp Chart on website or consult factory for other options.	F1A/ T-bar ceiling (UMB with integrated J-box)	21 21"		GLR Fusing (fast blow)
			24 24"		GMF Fusing (slow blow)
		F2/ Hard ceiling (horizontal J-box)	XX XX"		LM 80% lumen management without nIO
		F4A/ IDS clip 15/16" tee	Overall suspension is measured from ceiling to bottom of luminaire.		MCS Matching feed canopy at support
		F4B/ IDS clip 9/16" tee			N80 nLight nIO with 80% lumen management per row/zone (RDM1 only)
		F4C/ IDS clip screw slot			N100 nLight nIO without lumen management per row/zone (RDM1 only)
					OJB Offset junction box
					SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)
					XXXX Smart luminaire (see note above)

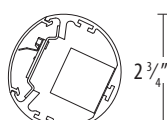
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



RDM1 Indirect LED



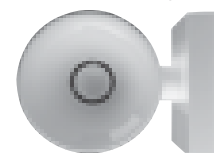
RDMW Direct Wall-Wash LED

ROUND 2 LED

Wall



RDW1 Wall Asymmetric
41–48 lumens per watt



Round 2 LED Wall Bracket End Cap



Construction

Extruded aluminum housing has diameter of 2 3/4". Die-cast aluminum end caps are mechanically attached with no exposed fasteners.

Source

Two LED lumen packages (1400 lumens, 2700 lumens) and three available color temperature options (3000K, 3500K and 4000K).

Optics

Optical system consists of injection molded primary optic, clear and white co-extruded acrylic lens and metal reflector.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated 50,000 hours (L80) at 25° C ambient temperature. Driver input wattage is 30W for 1400 delivered-lumen package and 60W for 2700 delivered-lumen package.

Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Damp location label optional. Ambient operating temperature between 0° C and 25° C.

Luminaire Length

4' and 8' lengths in a single section. For total luminaire length, add 2" for each end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. Individual sections are FCC part 15 certified. LM-79 tested. Lighting Facts partner. ADA compliant.

Warranty

Five-year limited warranty includes luminaire construction, LED light engine and driver. Terms and conditions apply.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.



ORDERING INFORMATION

Specifications subject to change.

Example: RDW1 HI 60FT 120 EZB SCT LP830 C110

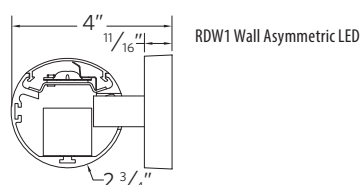
Luminaire	Light output	Luminaire row length	Maximum section length	Voltage	Driver	Number of emergency modules	Emergency Type*
RDW1	LO 1400 nominal delivered-lumens HI 2700 nominal delivered-lumens	X FT 4' increments	R4 4' section(s) R8 8' section(s)	120 277	EZB eldoLED dims to black	(blank) None 1SE 1 section 2SE 2 sections XSE X sections	(blank) None EC Emergency circuit *Emergency type is installed in last 4' of luminaire sections. Separate feed required.

Switching	Lamp Color	Finish	Options
SCT Single circuit	LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP840 4000K 80+ CRI Reference Lamp Chart on website or consult factory for other options.	C032 Gloss white C110 Painted aluminum C099 Custom finish	DL Damp location label GLR Fusing (fast blow) GMF Fusing (slow blow) LM 80% lumen management without nLO

ADDITIONAL INFORMATION

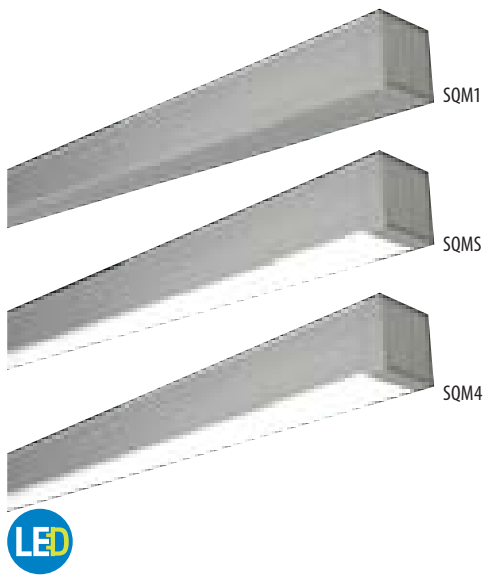
For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



RDW1 Wall Asymmetric LED

SQUARE LED



Construction

Extruded aluminum housing has 3 1/2" square. Extruded aluminum end caps mechanically attach with no exposed fasteners.

Source

Three available color temperature options (3000K, 3500K and 4000K).

Optics

Optical system consists of injection-molded primary optics, (not on SQMS) co-extruded acrylic lenses and metal reflectors. Lenses connect end to end to form a continuous line of light.

Dimming

Dimming down to black standard with eldoLED driver. Dual circuit (DCT) option for independent indirect and direct dimming.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated 50,000 hours (L₈₀) at 25° C ambient temperature. Driver input wattage is 20W for 1550 delivered-

lumen package and 40W for 3000 delivered-lumen package per 4' section.

Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Damp location label option. Ambient operating temperature 0° C to 25° C.

Fixture Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length, add 1" standard and 2" for sculpture end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine, driver and nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

eldoLED

ORDERING INFORMATION

Specifications subject to change.

Example: SQM1 HI 32FT R8 120 EZB SCT LP835 F1/48 C032 DL

Fixture	Lamp Wattage		Luminaire row length	Maximum section length	Voltage	Driver type	Number of emergency modules		Emergency type*		Switching	
SQM1	LO	1550 nominal delivered-lumens	X FT	R4	4' section(s)	120	EZB	(blank)	None	(blank)	None	SCT Single circuit
SQMS	HI	3000 nominal delivered-lumens	(4' increments)	R8	8' section(s)	277	eldoLED dims to black	1SE	1 section	EC	Emergency circuit	DCT Dual circuit (SQM4 only)
SQM4	LO/LO	1550 nominal delivered-lumens up						2SE	2 sections			
		1550 nominal delivered-lumens down						XSE	X sections			
	HI/LO	1550 nominal delivered-lumens up										
		3000 nominal delivered-lumens down										
	LO/LO	1550 nominal delivered-lumens up										
	HI/LO	3000 nominal delivered-lumens up										
	LO/LO	1550 nominal delivered-lumens down										
	HI/LO	3000 nominal delivered-lumens up										
	LO/LO	3000 nominal delivered-lumens down										
	HI/LO	3000 nominal delivered-lumens up										
	LO/LO	3000 nominal delivered-lumens down										

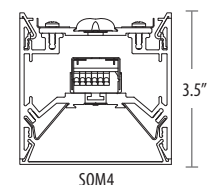
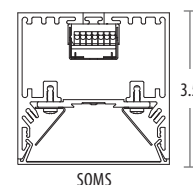
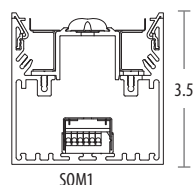
* Emergency type is installed in last 4' of luminaire sections. Separate feed required.

LED Color temperature		Mounting type		Overall suspension		Finish	Options	
LP830	3000K 80+ CRI	F1/	T-bar ceiling (universal mounting bracket)	24	24"	C032 White white (high gloss)	CFG	Configuration, consult factory for drawings
LP835	3500K 80+ CRI			36	36"		CP	Chicago plenum (available with F1A only)
LP840	4000K 80+ CRI	F1A/	T-bar ceiling (UMB with integrated J-box)	48	48"	C110 Painted aluminum	DL	Damp location label
				72	72"		GLR	Fusing (fast blow)
				XX	XX"	C099 Custom finish	GMF	Fusing (slow blow)
		F2/	Hard ceiling (horizontal J-box)	Overall suspension is measured from ceiling to bottom of fixture. Adjustable cable gripper comes standard.			LM	80% lumen management without networking
							MCS	Matching feed canopy at support
							N80	nLight nIO with 80% lumen management per row/zone
							N100	nLight nIO without lumen management per row/zone
							OJB	Offset junction box
							SLP	Sloped ceiling adapter (for 10-45°; must be specified along with F2 and OJB options)
							SCEP	Sculptured end caps
							XXXX	Integrated occupancy sensing, daylight detection and/or network control available. See Luminaire specification sheet on website for details and option code.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



SQUARE LED

Wall

Construction

Extruded aluminum housing is 2 1/2" square. Extruded aluminum end caps mechanically attach with no exposed fasteners.

Source

Three available color temperature options (3000K, 3500K and 4000K). SQWS, SQW1: Two LED lumen packages (High and Low). SQW4: Four LED lumen packages.

Optics

Optical system consists of injection-molded primary optics, co-extruded acrylic lenses and metal reflectors. Lenses connect end to end to form a continuous line of light.

Dimming

Dimming down to black standard with eldoLED driver.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (LM).

Electrical

LED light engine consists of modular LED boards and 0-10V

dimming driver rated 50,000 hours (L_{80}) at 25° C ambient temperature. Driver input wattage is 20W for 1600 delivered-lumen package and 40W for 3200 delivered-lumen package per 4' section.

Specify 120V or 277V. Pre-wired with 16AWG fixture wire.

For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Damp location label option. Ambient operating temperature 0° C to 25° C.

Luminaire Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length, add 1" standard and 2" for sculptured end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine, driver and nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

SQWS

SQW4

SQM1



eldoLED®

ORDERING INFORMATION

Specifications subject to change.

Example: SQWS HI 40FT R8 277 EZB SCT LP830 C110

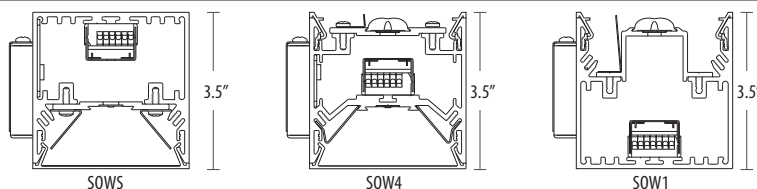
Luminaire	Lamp Wattage		Luminaire row length	Maximum section length		Voltage	Driver type		Number of emergency modules		Emergency type*	
SQWS	LO	1600 nominal delivered-lumens	X FT	R4	4' section(s)	120	EZB	eldoLED dims to black	(blank)	None	(blank)	None
	HI	3200 nominal delivered-lumens	(4' increments)	R8	8' section(s)	277			1SE 2SE XSE	1 section 2 sections X sections	EC	Emergency circuit
SQW4	LO/LO	1300 nominal delivered-lumens up										*Emergency type is installed in last 4' of luminaire sections. Separate feed required.
	HI/LO	2500 nominal delivered-lumens up										
	LO/LO	1300 nominal delivered-lumens down										
	HI/LO	2500 nominal delivered-lumens down										
SQW1	LO/LO	1300 nominal delivered-lumens up										
	HI/LO	2500 nominal delivered-lumens up										
	LO/LO	1300 nominal delivered-lumens down										
	HI/LO	2500 nominal delivered-lumens down										
SQW1	LO	1200 delivered lumens										
	HI	2200 delivered lumens										

Switching		LED Color temperature		Finish	Options	
SCT	Single circuit	LP830	3000K 80+ CRI	C032 White white (high gloss)	DL	Damp location label
DCT	Dual circuit	LP835	3500K 80+ CRI	C110 Painted aluminum	GLR	Fusing (fast blow)
	(SQM4 only N/A with 4' nLight)	LP840	4000K 80+ CRI	C099 Custom finish	GMF	Fusing (slow blow)
					LM	80% lumen management without networking
					OJB	Offset junction box (SQWS only)
					SCEP	Sculptured end caps

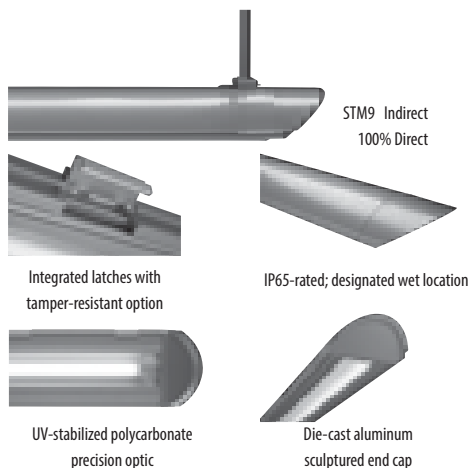
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



STATION LED



Construction

Nominal 10" x 3 5/16" extruded aluminum housing. Three-piece extruded aluminum and polycarbonate hinged and latched door. Die-cast aluminum end caps and joiner brackets. IP65-rated (dust and watertight) assembly.

Source

Three LED color temperatures available: 3000K, 3500K and 4000K.

Optics

Die-formed white steel reflectors, high efficiency optical film and UV-stabilized polycarbonate extruded lens.

Finish

Luminaire, mounting strap and stem all painted metallic gray. Black cord standard with all wet location mounting options. White cord standard with all dry or damp location mounting options. Custom colors available, consult factory.

Electrical

LED light engine consists of modular LED boards and 0-10v full-range dimming driver rated for 50,000 hours (L80). Maximum driver input wattage is 75W (per 4') for the nominal 4400 lumen package and 32W (per 4') for the nominal 1800 lumen package.

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Specify wet (IP65 standard) or damp location (Option DL). Ambient operating temperature between -25° C and 35° C.

Luminaire Length

4' and 8' nominal luminaire sections. Add 6" for each end cap to determine total luminaire length. Request submittal drawings for joined sections.

Validation

CSA/CUS Listed. LM-79 tested. Individual luminaires FCC Part 15 Certified. Lighting Facts partner.

Warranty

Five-year limited warranty includes luminaire construction, LED light engine, and driver. Terms and conditions apply.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, protective luminaire bag.



ORDERING INFORMATION

Specifications subject to change.

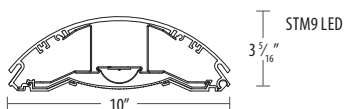
Example: STM9 LO 24FT R8 277 EZB SCT LP835 F3A/12 C400

Luminaire	Light output	Luminaire row length	Maximum section length	Voltage	Driver type	Number of emergency modules	Emergency type*
STM9	LO 1800 nominal delivered-lumens	X FT	R4 4' section(s)	120	EZB eldoLED dims to black	(blank) None	(blank) None
	HI 4400 nominal delivered-lumens	4' increments	R8 8' section(s)	277		1SE 1 section	EC Emergency circuit
				347		2SE 2 sections	*Emergency type is installed in last 4' of luminaire sections.
						XSE X sections	

Switching	Lamp color	Mounting type	Overall suspension*	Finish	Options
SCT Single circuit	LP830 3000K 80+ CRI	Damp location: ^{1,2}	12 12"	C400 Metallic gray	DL Damp location label
	LP835 3500K 80+ CRI	F1/ T-bar ceiling (universal mounting bracket)	24 24"	C099 Custom finish	GLR Fusing (fast blow)
	LP840 4000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	36 36"		GMF Fusing (slow blow)
	Reference Lamp Chart on website or consult factory for other options.	F2/ Hard ceiling (horizontal J-box)	XX XX"		TRL Tamper resistant latches
		F4A/ IDS clip 1 5/16" tee	*F1B, F3A and F3B mounting only available in 12", 24" and 36" OAS (consult factory for other OAS).		
		F4B/ IDS clip 3/8" tee			
		F4C/ IDS clip screw slot			
		Wet location:			
		F1B ^{2,4} 3/32" aircraft cable with U-bracket (no wind load)	Overall suspension is measured from ceiling to bottom of luminaire.		
		F3A ^{3,4} Rigid stem mount with U-bracket			
		F3B/ Rigid stem mount with weatherproof J-box (no wind load)			
		1 Damp location (DL) option required.			
		2 Adjustable cable gripper comes standard.			
		3 Refer to specification on website for wind load applications.			
		4 Default cord length is 18" longer than overall suspension.			

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.



Construction

Nominal 10" x 3 5/16" extruded aluminum housing. Three-piece extruded aluminum and polycarbonate hinged and latched door. Die-cast aluminum end caps and joiner brackets. IP65-rated (dust and watertight) assembly.

Reflectors

Die-formed specular reflectors with ≥ 98% reflectance and pre-finished white steel.

Shielding

All lenses are UV-stabilized polycarbonate. Uplight lenses with asymmetric or symmetric distribution optional.

Finish

Luminaire, mounting strap and stem all painted metallic gray. Black cord standard with all wet location mounting options. White cord standard with all dry or damp location mounting options. Custom colors available, consult factory.

Electrical

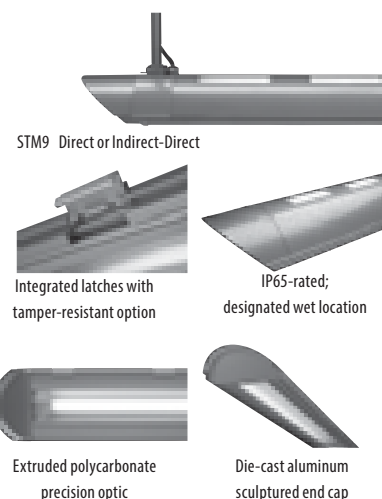
Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. CSA/CUS Listed for wet location.

Luminaire Length

4' and 8' nominal luminaire sections. Add 6" for each end cap to determine total luminaire length. Request submittal drawings for joined sections.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, protective luminaire bag.

STATION**ORDERING INFORMATION**

Specifications subject to change.

Example: STM9 2 32 SPR ASL 24FT R8 277 GEB10 DCT LP835 F3A/12 C400

Luminaire	Number of lamps in cross section	Lamp type	Reflector	Shielding	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
STM9	1	28T5 28W T5	SPR	(blank) Direct only	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic (All)	(blank) None
	2	54T5HO 54W T5HO 32 32W T8	Specular reflector	ASH Direct w/ asymmetric uplight on hinge side	4' increments	R8 8' section(s)	277 347	OSDIM* Osram Line or 0-10V (T8) ADEZ* Advance Mark 10 dim (T8, T5HO) ADZT* Advance Mark 7 0-10V dim (All) DMHL3D* Lutron Hi-Lume dim (All)	1SE 1 section 2SE 2 sections XSE X sections
				ASL Direct w/ asymmetric uplight on latch side					
				SYM Direct w/ symmetric uplight					

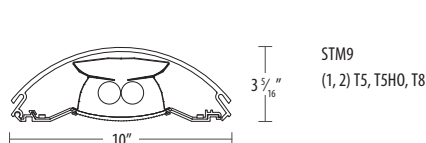
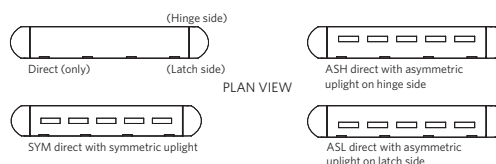
Emergency type*	Switching	Lamp color	Mounting type	Overall suspension*	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	Damp or dry location: ¹	12 12"	C400 Metallic gray	DL Damp location label
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps	F1/ T-bar ceiling (universal mounting bracket)	24 24"	C099 Custom finish	GLR Fusing (fast blow)
ELBL6SSTU Bodine emergency self-test battery pack (Not available in 347V)		LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	36 36"		GMF Fusing (slow blow)
		LP835 3500K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	48 48"		TRL Tamper resistant latches
		LP841 4100K 80+ CRI	F4A/ IDS clip 15/16" tee	96 96"		
			F4B/ IDS clip 9/16" tee	XX XX"		
			F4C/ IDS clip screw slot			
ENBL6SSTU Bodine emergency self-test battery pack with night light circuit (Not available in 347V)		Available with T5 only:	Wet location:			
		LP830P 3000K 80+ CRI Premier	F1B ² / 3/32" aircraft cable with U-bracket (no wind load)			
		LP835P 3500K 80+ CRI Premier	F3A ^{2,3} / Rigid Stem mount with U-bracket			
		LP841P 4100K 80+ CRI Premier	F3B Rigid Stem mount with weatherproof J-box (no wind load)			
			1 Damp location (DL) option required.			
			2 Default cord length is 18" longer than overall suspension.			
			3 Refer to specification on website for wind load applications.			

*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Reference [Lamp Chart](#) on website or consult factory for other options.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

**Shielding Options:**

ORIGAMI LED



Construction

Formed aluminum housing creates a 5 1/2" x 3 1/2" body. Formed aluminum end caps are mechanically attached with no exposed fasteners.

Source

Two LED lumen packages (2150 lumens, 4300 lumens) and three available color temperature options (3000K, 3500K and 4100K).

Optics

Optical system consists of injection-molded primary optic and metal reflector.

Finish

Aluminum paint housing with gloss white end caps and joiners OR gloss white, red or black housings with aluminum paint end caps and joiners. Consult factory for custom color requirements.

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated for 50,000 hours (L80) at 25°C ambient temperature. Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Damp location label optional. Ambient operating temperature between 0°C and 25°C.

Luminaire Length

4' and 8' nominal luminaire sections. Add 1" for each end cap to determine total luminaire length. Using joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. Individual units are FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year limited warranty includes luminaire construction, LED light engine, driver and optional nLight control device. Terms and conditions apply.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.



ORDERING INFORMATION

Specifications subject to change.

Example: OR3M1 HI 40FT R8 277 EZB SCT LP830 F1/24 C301

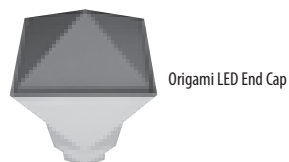
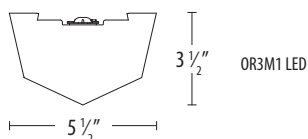
Luminaire	Light output	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules	Emergency type*
OR3M1	LO 2150 nominal delivered-lumens HI 4300 nominal delivered-lumens	X FT 4' increments	R4 4' section(s) R8 8' section(s)	120 277	EZB eldoLED dims to black	(blank) None 1SE 1 section 2SE 2 sections XSE X sections	(blank) None EC Emergency circuit *Emergency type is installed in last 4' of luminaire sections. Separate feed required.

Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
SCT Single circuit	LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI Reference Lamp Chart on website or consult factory for other options.	F1/ T-bar ceiling (universal mounting bracket) F1A/ T-bar ceiling (UMB with integrated J-box) F2/ Hard ceiling (horizontal J-box)	12 12" 15 15" 18 18" 21 21" 24 24" XX XX" Overall suspension is measured from ceiling to bottom of luminaire.	C032 White white (high gloss) C110 Painted aluminum (low gloss) C301 Black (gloss) C302 Red (gloss) C099 Custom finish	ACG Adjustable cable grippers BLK Black cord, cord manager and canopy (not available with F3) CP Chicago plenum (available with F1A only) DL Damp location label DU Dust cover GLR Fusing (fast blow) GMF Fusing (slow blow) MCS Matching feed canopy at support NYC New York City code OJB Offset junction box SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options) XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



ORIGAMI LED WALL

Construction

Formed aluminum housing creates a 5 1/2" x 3 1/2" body.
Formed aluminum end caps are mechanically attached with no exposed fasteners.

Source

Two LED lumen packages (1800 lumens, 3500 lumens) and three available color temperature options (3000K, 3500K and 4100K).

Optics

Optical system consists of injection-molded primary optic and painted metal reflectors.

Finish

Aluminum paint housing with gloss white end caps OR gloss white, red or black housings with aluminum paint end caps and joiners. Arms and wall canopy always match housing. Consult factory for custom color requirements.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated for 50,000 hours (L80) at 25° C ambient temperature. Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Damp location label optional. Ambient operating temperature between 0° C and 25° C.

Luminaire Length

4' and 8' nominal luminaire sections. Add 1" for each end cap to determine total luminaire length. Using joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. Individual units are FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year warranty coverage includes luminaire construction, LED light engine, and driver. Terms and conditions apply.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.



OR1W1 Indirect



eldoLED



ORDERING INFORMATION

Specifications subject to change.

Example: OR3W1 LO 24FT R8 120 EZB SCT LP835 C110 LM

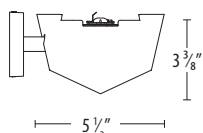
Luminaire	Light output	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules	Emergency type*
OR3W1	LO 1800 nominal delivered-lumens HI 3500 nominal delivered-lumens	X FT 4' increments	R4 4' section(s) R8 8' section(s)	120 277	EZB eldoLED dims to black	(blank) None 1SE 1 section 2SE 2 sections XSE X sections	(blank) None EC Emergency circuit *Emergency type is installed in last 4' of luminaire sections. Separate feed required.

Switching	Lamp color	Finish	Options
SCT Single circuit	LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI Reference Lamp Chart on website or consult factory for other options.	C032 White white (high gloss) C110 Painted aluminum (low gloss) C301 Black (gloss) C302 Red (gloss) C099 Custom finish	DL Damp location label GLR Fusing (fast blow) GMF Fusing (slow blow) LM 80% lumen management without networking

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions (if provided) are shown in inches unless otherwise noted.



OR3W1 LED



Origami Wall LED
End Cap

PRODUCT INFORMATION

ORIGAMI



OR1M1/OR2M1 Indirect



Origami End Cap

Construction

Formed aluminum housing creates a 8 5/8" x 3 3/4" body. Die-cast aluminum end caps are mechanically attached with no exposed fasteners.

Reflectors

Premium specular aluminum reflector with white optic enhancer.

Finish

Aluminum powder paint housing with gloss white end caps and joiners OR gloss white, red or black housings with aluminum powder paint end caps and joiners. Consult factory for custom color requirements.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4' and 8' nominal luminaire sections. Add 5/8" for each end cap to determine total luminaire length. Using joiners, 4' and 8' sections can be joined to form longer rows.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, protective luminaire bag.

ORDERING INFORMATION

Specifications subject to change.

Example: OR1M1 2 28T5 24FT R8 277 GEB10 DCT LP835 F1/24 C110

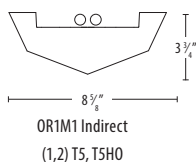
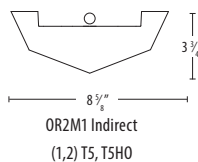
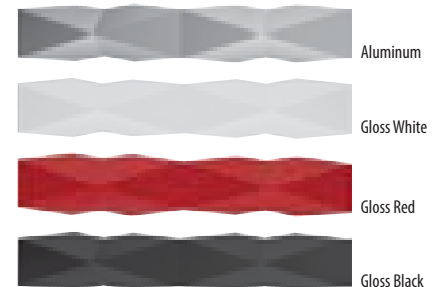
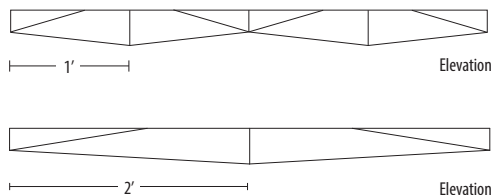
Luminaire	Number of lamps in cross section	Lamp type	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules	Emergency type*
OR1M1	1	28T5 28W T5	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None	(blank) None
OR2M1	2	54T5HO 54W T5HO	4' increments	R8 8' section(s)	277 347	ADEZ* Advance Mark 10 dim (T5HO) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim	1SE 1 section 2SE 2 sections XSE X sections	EC Emergency circuit EL Emergency battery pack (Not available in 347V) EN Emergency battery pack w/night light circuit (Not available in 347V)
						*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.		
						*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		

Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C032 White white (high gloss)	ACG Adjustable cable grippers
DCT Dual circuit	LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	15 15"	C110 Painted aluminum (low gloss)	BLK Black cord, cord manager and canopy (not available with F3)
	LP835 3500K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	18 18"	C301 Black (gloss)	CP Chicago plenum (available with F1A only)
	LP841 4100K 80+ CRI		21 21"	C302 Red (gloss)	DL Damp location label
	Available with T5 only:		24 24"	C099 Custom finish	DU Dust cover
	LP830P 3000K 80+ CRI Premier		XX XX		GLR Fusing (fast blow)
	LP835P 3500K 80+ CRI Premier		Overall suspension is measured from ceiling to bottom of luminaire.		Fusing (slow blow)
	LP841P 4100K 80+ CRI Premier				Matching feed canopy at support
	Reference Lamp Chart on website or consult factory for other options.				nLight enabled control module per row/zone
					New York City code
					Offset junction box
					Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

OR1M1 Indirect
(1,2) T5, T5HOOR2M1 Indirect
(1,2) T5, T5HO

ORIGAMI WALL

Construction

Formed aluminum housing creates a 8 3/8" x 3 3/4" body.
Die-cast aluminum end caps are mechanically attached with no exposed fasteners.

Reflectors

White, high-reflectance reflector and hammer tone aluminum reflector with prismatic acrylic kicker lens.

Finish

Aluminum powder paint housing with gloss white end caps and joiners OR gloss white, red or black housings with aluminum powder paint end caps and joiners. Consult factory for custom color requirements.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4' and 8' nominal luminaire sections. Add 3/4" for each end cap to determine total luminaire length. Using joiners, 4' and 8' sections can be joined to form longer rows.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, protective luminaire bag.



OR1W1 Indirect



Origami Wall End Cap

ORDERING INFORMATION

Specifications subject to change.

Example: OR1W1 2 28T5 24FT R8 277 GEB10 DCT LP835 C110

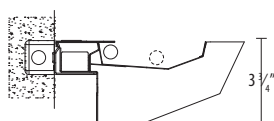
Luminaire	Number of lamps in cross section	Lamp type		Luminaire row length	Maximum section length		Voltage	Ballast type		Number of emergency modules					
OR1W1	1	28T5	28W T5	X FT 4' increments	R4	4' section(s)	120	GEB10	<10% THD Electronic	(blank)	None				
	2	54T5HO	54W T5HO		R8	8' section(s)	277	ADEZ*	Advance Mark 10 dim (T5HO)	1SE	1 section				
										347	(not available with 28T5)	ADZT*	Advance Mark 7 0-10V dim	2SE	2 sections
														DMHL3D*	Lutron Hi-Lume dim
										*Not available in 347V.					
							Reference Ballast Wizard on website or consult factory for other options.								

Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C032 White white (high gloss)	DL Damp location label
EC Emergency circuit	DCT Dual circuit	LP830 3000K 80+ CRI	C110 Painted aluminum (low gloss)	DU Dust cover
EL Emergency battery pack (Not available in 347V)		LP835 3500K 80+ CRI	C301 Black (gloss)	GLR Fusing (fast blow)
EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP841 4100K 80+ CRI	C302 Red (gloss)	GMF Fusing (slow blow)
		Available with T5 only:	C099 Custom finish	NYC New York City code
		LP830P 3000K 80+ CRI Premier		
		LP835P 3500K 80+ CRI Premier		
		LP841P 4100K 80+ CRI Premier		
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		Reference Lamp Chart on website or consult factory for other options.		

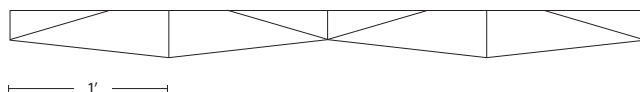
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions (if provided) are shown in inches unless otherwise noted.

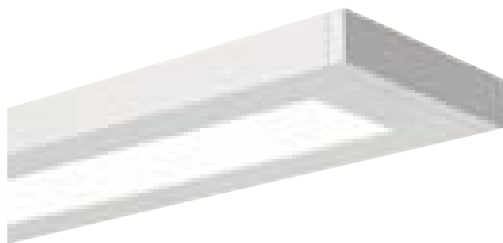


OR1W1 Indirect (1,2) T5, T5HO



Elevation

BRUNO LED



Construction

Nominal 8 1/4" x 1 3/4" rectangular housing is formed from cold-rolled steel. Die-cast end caps are mechanically attached with no exposed fasteners.

Source

Two LED lumen packages and three available color temperature options (3000K, 3500K and 4000K).

Optics

Softshine®-engineered optical system consists of high performance lens, diffusers and metal reflectors.

Finish

Finish for housing and end caps is white, black or painted aluminum. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated for 50,000 hours (L₉₀) at 25° C ambient temperature. Driver input wattage is 30W for 3400 delivered-

lumen package and 45W for 4800 delivered-lumens per 4' section. Specify 120V or 277V. Pre-wired with 16AWG wire.

Environment

Damp location label option. Ambient operating temperature between 0° C and 25° C.

Luminaire Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length, add 5/8" for each flat end cap and 4" for each sculptured end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. Individual sections are FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year warranty coverage includes luminaire construction, LED light engine, driver and optional nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box and inserts. Biodegradable, protective luminaire bag. Recycled kraft paper tape.

eldoLED®



ORDERING INFORMATION

Specifications subject to change.

Example: BRM9L LO 40FT R8 277 EZB SCT LP830 F1/24 C110

Luminaire	Light output	Distribution*	Shielding	Luminaire row length	Maximum section length	Voltage	Driver type	Number of emergency modules	Emergency type*	Switching
BRM9L	LO 3400 nominal delivered-lumens	(blank) Standard 70% up; 30% down 60/40 60% up; 40% down 50/50 50% up; 50% down	SSH Softshine® lens	X FT 4' increments	R4 4' section(s) R8 8' section(s)	120 277	EZB eldoLED dims to black	(blank) None 1SE 1 section 2SE 2 sections XSE X sections	(blank) None EC Emergency circuit *Emergency type is installed in last 4' of luminaire sections. Separate feed required.	SCT Single circuit
	HI 4800 nominal delivered-lumens	40/60 40% up; 60% down 30/70 30% up; 70% down 20/80 20% up; 80% down 10/90 10% up; 90% down 0/100 0% up; 100% down								

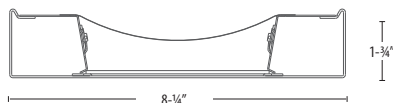
*Nominal distribution

LED Color Temperature	Mounting type	Overall suspension	Finish	Options
LP830 3000K 80+ CRI	F1/ T-bar ceiling (universal mounting bracket)	15 15"	C110 Painted aluminum (low gloss)	ACG Adjustable cable gripper
LP835 3500K 80+ CRI		18 18"		BLK Black cord, cord manager and canopy
LP840 4000K 80+ CRI		24 24"		CFG Configuration, consult factory for drawings
	F1A/ T-bar ceiling (UMB with integrated J-box)	36 36"	C210 White white (fine textured)	CP Chicago plenum (available with F1A only)
		48 48"		DU Dust cover (not available with 0/100 distribution)
		72 72"	C202 Black	DL Damp location label
	F2/ Hard ceiling (horizontal J-box)	XX XX"	C099 Custom finish	GLR Fusing (fast blow)
		Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
				LM 80% lumen management without networking
				MCS Matching feed canopy at support N80 nLight-enabled control module per row/zone with 80% constant lumen management
				N100 nLight-enabled control module per row/zone with NO lumen management
				OJB Offset junction box
				SCEP Sculptured end caps
				SLP Sloped ceiling (for 10-45°, must be specified with F2 and OJB options)
				XXXX Smart Luminaire (Integrated occupancy sensing, daylight detection and/or network control available)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Configurations



Tenon "L", "T", "X" and straight connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Nominal 8 1/4" x 1 3/4" rectangular housing is formed from cold-rolled steel. Die-cast end caps are mechanically attached with no exposed fasteners.

Source

Two LED lumen packages and three available color temperature options (3000K, 3500K and 4000K).

Optics

Softshine®-engineered optical system consists of diffusers plus high performance metal reflectors and lens film.

Finish

Finish for housing and end caps is white, black or painted aluminum. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (LM).

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated for 50,000 hours (L80) at 25° C ambient temperature. Driver input wattage is 17W for 1800

delivered-lumen package, 23W for 2400 delivered-lumen package, per 4' section. Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Damp location label option. Ambient operating temperature between 0° C and 25° C.

Luminaire Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length, add 5/8" for each flat end cap and 4" for each sculptured end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS Listed. Individual sections are FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year warranty coverage includes luminaire construction, LED light engine, driver and optional nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box and inserts. Biodegradable, protective luminaire bag. Recycled kraft paper tape.

BRUNO LED WALL



eldoLED

**ORDERING INFORMATION**

Specifications subject to change.

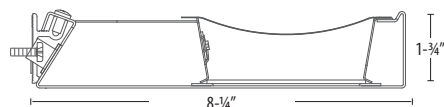
Example: BRW9L LO 40FT R8 277 EZB SCT LP830 C110

Luminaire	Light output	Shielding	Luminaire row length	Maximum section length	Voltage	Driver type	Number of emergency modules	Emergency type*	Switching
BRW9L	LO 1800 nominal delivered-lumens HI 2400 nominal delivered-lumens	SSH Softshine® lens	X FT 4' increments	R4 4' section(s) R8 8' section(s)	120 277	EZB eldoLED dims to black	(blank) None 1SE 1 section 2SE 2 sections XSE X sections	(blank) None EC Emergency circuit *Emergency type is installed in last 4' of luminaire sections. Separate feed required.	SCT Single circuit
LED Color Temperature		Finish	Options						
LP830	3000K 80+ CRI	C210 White white (fine textured)	CFG Configuration, consult factory for drawings						
LP835	3500K 80+ CRI	C110 Painted aluminum	DL Damp location label						
LP840	4000K 80+ CRI	C202 Black	DU Dust cover						
		C099 Custom finish	GLR Fusing (fast blow)						
			GMF Fusing (slow blow)						
			LM 80% lumen management without networking						
			SCEP Sculptured end caps						

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



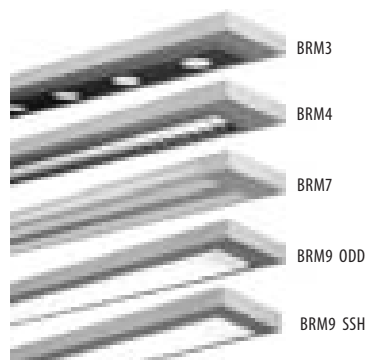
Configurations



Tenon inside, outside and straight connectors available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

PRODUCT INFORMATION

BRUNO



Construction

Nominal 8 1/4" x 1 3/4" rectangular housing is formed from cold rolled steel. Die-cast end caps are mechanically attached with no exposed fasteners.

Reflectors

Die-formed specular reflector with 95% reflectance.

Shielding

BRM3: Aluminum, die-formed drop pan with five 2 3/4" cylinder openings of down light feature. Also available with acrylic opal overlay on top of down light openings. BRM4: Choose one of four parabolic baffle options: semi-specular, white painted, semi-specular perforated blade or white painted, perforated blade. Each available with optional acrylic opal overlay. BRM7: Die-punched perforations with acrylic opal diffuser overlay. BRM9: Die-formed drop acrylic diffuser or flush Softshine® high-performance lens.

Finish

Fine-textured, white polyester powder paint is standard. Drop pan on

BRM3 is always painted aluminum (C110). Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and CUL Listed.

Luminaire Length

4' 3/8", 8' and 12' lengths in a single section for nominal support spacing at 4', 8' and 12'. For total luminaire length, add 5/8" for each flat end cap and 4" for each sculptured end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer rows.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: BRM1 2 28T5 SPR 40FT R8 277 GEB10 DCT LP835 F1/18 C210 SCEP

Luminaire	Number of lamps in cross section	Lamp type	Reflector	Distribution ¹ (BRM4 and BRM9; not available with DU option)	Shielding (BRM3, BRM4 only)	Baffle (BRM4 only)	Luminaire row length	Voltage	Ballast type	Switching
BRM1	1	28T5 28W	SPR Specular reflector	(blank)	(blank)	SSB Semi-specular	X FT	120	GEB10 <10% THD Electronic	SCT Single circuit
BRM3	2*	T5 (Not available in 347V)		Standard; 65% up; 35% down	OPD Opal diffuser overlay (BRM3, BRM4)	WPB White painted	4' increments	277	ADEZ* Advance Mark 10 dim (T5HO)	DCT Dual circuit
BRM4	3			20/80 ² 20% up, 80% down				347		
BRM7		54T5HO 54W T5HO		40/60 ² 40% up, 60% down (BRM4 only)		SSP Semi-specular perforated blade			ADZT* Advance Mark 7 0-10V dim	
BRM9	*BRM7 available in 2 lamp only.	32 32W T8		0/100 ^{2,3} 0% up, 100% down	ODD Opal drop diffuser (BRM9 only)				DMHL3D* Lutron Hi-Lume dim	
				Center lamp isolater (BRM4 only)	SSH Softshine® high performance lens (BRM9)	WPP White painted perforated blade			*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	

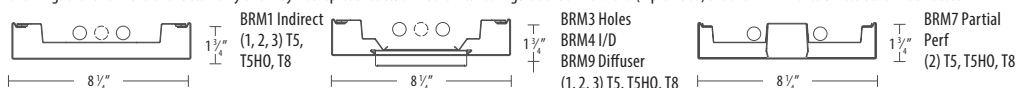
1 BRM9: Available with SSH option only. Nominal distribution, refer to photometric tests for exact distribution.
 2 BRM4: Nominal distribution, refer to photometric tests for exact distribution.
 3 BRM9: Not available with 3-lamp 54T5HO luminaires.
 4 BRM4: Available with 3-lamp cross section luminaires only.

Number of emergency modules	Emergency type*	Lamp color	Mounting Type	Overall suspension	Finish	Options
(blank) None	(blank) None	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C110 Painted aluminum (low gloss)	ACG Adjustable cable grippers
1SE 1 section	EC Emergency circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	F1A/ T-bar ceiling (UMB with integrated J-box)	15 15"		BLK Black cord, cord manager and canopy (not available with F3)
2SE 2 sections	EL Emergency battery pack (Not available in 347V)	LP830 3000K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	18 18"		CP Chicago plenum (available with F1A only)
XSE X sections	EN Emergency battery pack w/night light circuit (Not available in 347V)	LP835 3500K 80+ CRI	F3/ Rigid stem	21 21"	C210 White white (fine-textured low gloss)	DL Damp location label
		LP841 4100K 80+ CRI		24 24"		DU Dust cover (BRM1, BRM3, BRM4, BRM9, not available with 3-lamp T5HO cross section)
	*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.	Available with T5 only:		XX XX"		GLR Fusing (fast blow)
		LP830P 3000K 80+ CRI Premier		Overall suspension is measured from ceiling to bottom of luminaire.	C099 Custom finish	GFM Fusing (slow blow)
		LP835P 3500K 80+ CRI Premier				MCS Matching feed canopy at support
		LP841P 4100K 80+ CRI Premier				NEPPSD nLight enabled control module per row/zone
		Reference Lamp Chart on website or consult factory for other options.				NYC New York City code
						OJB Offset junction box
						SCEP Sculptured end cap
						SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Configurations

Tenon "L", "T", "X" and straight connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Nominal 8 1/4" x 1 3/4" rectangular housing is formed from cold rolled steel. Die-cast end caps are mechanically attached with no exposed fasteners.

Reflectors

Die-formed white painted reflector.

Shielding

BRW3: Aluminum, die-formed drop pan with five 2 3/4" cylinder openings of down light feature. Also available with acrylic opal overlay on top of down light openings. BRW4: Choose one of four parabolic baffle options:

semi-specular, white painted, semi-specular perforated blade or white painted, perforated blade. Each available with optional acrylic opal overlay. BRW7: Die-punched perforations on lower housing with acrylic opal diffuser overlay. BRW9: Die-formed, opal drop diffuser or flush Softshine® high performance lens.

Finish

Fine-textured, white polyester powder paint is standard. Drop pan on BRW3 is always painted aluminum (C110). Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and CUL Listed.

Luminaire Length

4' 1/16", 8' and 12' lengths in a single section. For total luminaire length, add 5/8" for each flat end cap and 4" for each sculptured end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer rows.

BRUNO WALL

BRW3

BRW4

BRW7

BRW9 ODD

BRW9 SSH

ORDERING INFORMATION

Specifications subject to change.

Example: BRW1 2 28T5 WHR 40FT R8 120 GEB10 DCT LP835 C210 SCEP

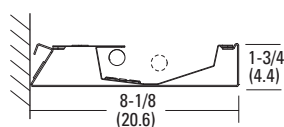
Luminaire	Number of lamps in cross section	Lamp type		Reflector	Shielding (BRW3, BRW4 and BRW9 only)		Baffle (BRM4 only)	Luminaire Row Length	Voltage	Ballast Type	
BRW1	1	28T5	28W T5 (Not available in 347V)	WHR White reflector	(blank)	None	SSB	X FT	120	GEB10	<10% THD Electronic
BRW3	2 (Not available with BRW9 Softshine)				OPD	Opal diffuser overlay (BRM3, BRM4)	Semi-specular	4' increments	277	OSDIM*	Osram 0-10V dim (T5HO)
BRW4						WPB	White painted		347	ADEZ*	Advance Mark 10 dim (T8, T5HO)
BRW7		54T5HO	54W T5HO		ODD	Opal drop diffuser (BRM9 only)	SSP		ADZT*	Advance Mark 7 0-10V dim	
BRW9		32	32W T8		SSH	Softshine® high-performance lens (BRM9 only, only available in 1-lamp cross section)	WPP		White painted perforated blade	DMHL3D*	Lutron Hi-Lume dim
										*Not available in 347V.	
										Reference Ballast Wizard on website or consult factory for other options.	

Number of emergency modules	Emergency type*	Switching	Lamp color	Finish	Options
(blank)	None	SCT Single circuit	L/LP No lamp	C110 Painted aluminum (low gloss)	DL Damp location label
1SE	1 section	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	C210 White white (fine-textured low gloss)	DU Dust cover (BRW9: Ambient conditions not to exceed 35° C for 2-lamp 54T5HO)
2SE	2 sections		LP830 3000K 80+ CRI	C099 Custom finish	GLR Fusing (fast blow)
XSE	X sections		LP835 3500K 80+ CRI		GMF Fusing (slow blow)
	EN		LP841 4100K 80+ CRI		NYC New York City code
			Available with T5 only:		SCEP Sculptured end cap
			LP830P 3000K 80+ CRI Premier		
			LP835P 3500K 80+ CRI Premier		
			LP841P 4100K 80+ CRI Premier		
			Reference Lamp Chart on website or consult factory for other options.		

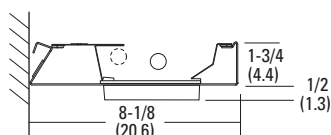
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

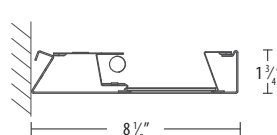
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



BRW1 Indirect
BRW7 Perforated



BRW3 Holes
BRW4 Louver
BRW9 Diffuser



BRW9 Softshine

Configurations

Tenon inside, outside and straight connectors available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

STAPLE



Construction

Nominal 8 1/2" x 2 3/8" rectangular housing is formed from cold-rolled steel. Die-cast aluminum end caps are mechanically attached with no exposed fasteners.

Reflectors

Formed, pre-finished white reflector.

Shielding

SPM4: Injection molded acrylic baffle with opal diffuser option.
SPM9: Acrylic lens.

Finish

White gloss powder paint standard. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' lengths in a single section for nominal suspension spacing of 4', 8' and 12'. For total luminaire length, add 1 1/8" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length luminaires.

Installation Features

Y-hangers with adjustable cables come standard to simplify luminaire leveling across the width and length. Individual 4', 8' and 12' luminaires can be ordered with end caps and power cords pre-installed and hanging hardware included in the luminaire packaging to reduce overall installation time (option IND).

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: SPM4 2 54T5HO WHR 40FT R12 277 GEB10 DCT LP835 F1/18 C032

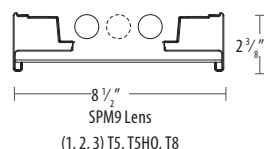
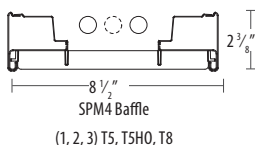
Luminaire	Number of lamps in cross section	Lamp type	Distribution (nominal)	Reflector	Shielding (SPM4 only)	Luminaire row length	Maximum section length	Voltage	Ballast type
SPM4	1	28T5 28W T5	(blank) 65% up, 35% down standard	WHR White reflector	(blank) None	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic
SPM9	2	54T5HO 54W T5HO	40/60* 40% up, 60% down		OPD Opal diffuser	4' increments	R8 8' section(s)	277	OS5C* Osram Line or 0-10V (T8)
	3	32 32W T8	20/80* 20% up, 80% down 0/100* 100% down CLI Center lamp isolator (Available with 3-lamp cross section only)				R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim
			*Nominal distribution, refer to photometric test for exact distribution.						

Number of emergency modules	Emergency type	Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
(blank) None	(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	24 24"	C032 White white (high gloss)	CP Chicago plenum (available with F1A only)
1SE 1 section	EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.		48 48"		DL Damp location label
2SE 2 sections					72 72"		DU Dust cover (Not available with 3-lamp T5/T5HO)
XSE X sections	EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	96 96"	C099 Custom finish	GLR Fusing (fast blow) GMF Fusing (slow blow)
	EN Emergency battery pack w/night light circuit (Not available in 347V)		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier	F2/ Hard ceiling (horizontal J-box)	XX XX"		IND Individual luminaire (factory installed end caps and power cord, hanging hardware in box) MCS Matching feed canopy at support
			Reference Lamp Chart on website or consult factory for other options.				
			*EL and EC are installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.				
			Overall suspension is measured from ceiling to bottom of luminaire.				
							NEPP5D nLight enabled control module per row/zone
							NYC New York City code
							OJB Offset junction box
							SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
							XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



STAPLE WALL

Construction

Nominal 8 1/2" x 2 3/8" rectangular housing is formed from cold-rolled steel. Die-cast aluminum end caps are mechanically attached with no exposed fasteners.

Reflectors

Formed, pre-finished white reflector.

Finish

White gloss powder paint standard. Custom colors available, consult factory.

Shielding

SPW4: Injection molded acrylic baffle (opal diffuser optional).
SPW9: Acrylic lens.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' lengths in a single section. For total luminaire length, add 1 1/8" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length luminaires.

Installation Feature

Individual 4', 8' and 12' luminaires can be ordered with end caps pre-installed and wall-mount hardware included in the luminaire packaging to reduce overall installation time (option IND).

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

SPW9

SPW4

ORDERING INFORMATION

Specifications subject to change.

Example: SPW9 1 28T5 SPR 40FT R12 347 GEB10 1SE EC SCT L/LP 032 DL

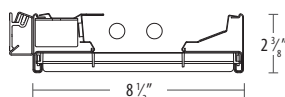
Luminaire	Number of lamps in cross section	Lamp type	Reflector	Shielding (SPW4 only)	Luminaire row length	Maximum section length	Voltage	Ballast type
SPW4	1	28T5 28W T5	WHR White reflector (standard)	(blank) None	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic
SPW9	2	54T5HO 54W T5HO		OPD Opal Diffuser	4' increments	R8 8' section(s)	277	OS5C* Osram Line or 0-10V (T8)
		32 32W T8				R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)
								ADZT* Advance Mark 7 0-10V dim
								DMHL3D* Lutron Hi-Lume dim
*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.								

Number of emergency modules	Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	(blank) None	SCT Single circuit	L/LP No lamp	C032 White white (high gloss)	DL Damp location label
1SE 1 section	EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	C099 Custom finish	DU Dust cover
2SE 2 sections	EL Emergency battery pack		LP830 3000K 80+ CRI		GLR Fusing (fast blow)
XSE X sections	EN Emergency battery pack w/ night light circuit		LP835 3500K 80+ CRI		GMF Fusing (slow blow)
			LP841 4100K 80+ CRI		IND Individual luminaire (factory installed end caps and hardware in the box)
	*EL and EC are installed in last 4' of luminaire sections and are not available concurrently with each other. Separate feed required for each EL or EC unless ELH is specified.		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier		N100 nLight-enabled control module per row/zone with NO lumen management
			Reference Lamp Chart on website or consult factory for other options.		NYC New York City code

ADDITIONAL INFORMATION

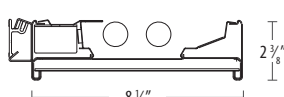
For additional product information, visit www.peerlesslighting.com.

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SPW4 Baffle

(1, 2) T5, T5HO, T8



SPW9 Lens

(1, 2) T5, T5HO, T8

CONTRAIL®

Linear



CLM9

Tenon Assembly
with integrated sensorCorner
Assembly

Construction

Die-formed, pre-painted steel housing. Extruded aluminum fillers. Die-cast aluminum end caps. Highly specular aluminum end plates.

Shielding

GrateOptic® curved, crenulated diffuser is extruded opal acrylic.

Reflectors

Die-formed, highly specular aluminum reflector has a minimum 98% reflectance.

Finish

Fine-textured, white polyester powder paint is standard on the fillers and end caps.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' individual luminaire sections for nominal suspension spacing of 4', 8' and 12'. Add 3 5/8" for each end cap to determine total luminaire length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: CLM9 2 28T5 COA 40FT R8 277 GEB10 SCT LP835 F1/18

Luminaire	Number of lamps in cross section	Lamp type		Shielding		Luminaire row length	Maximum section length		Voltage	Ballast type		Number of emergency modules	
CLM9	2	28T5	28W T5	COA	Crenulated opal acrylic	X FT	R4	4' section(s)	120	GEB10	<10% THD Electronic	(blank)	None
		54T5HO	54W T5HO			4' increments	R8	8' section(s)	277	ADEZ*	Advance Mark	1SE	1 section
							R12	12' section(s)	347 (not available with T5)	ADZT*	Advance 7 0-10V dim	2SE	2 sections
										DMHL3D*	Lutron Hi-Lume dim	XSE	X sections
*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.													

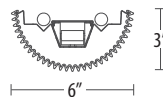
Emergency type ¹		Switching		Lamp color		Mounting type		Overall suspension		Options	
(blank)	None	SCT	Single circuit	L/LP	No lamp	F1	T-Bar ceiling	12	12"	ACG	Adjustable cable grippers
EC	Emergency circuit	ALC*	Alternate	LP830	3000K 80+ CRI		(universal	15	15"	BLK	Black cord, cord manager and canopy
EL ²	Emergency		lamping module	LP835	3500K 80+ CRI		mounting	18	18"	DL	Damp location label
	battery pack (Not		circuit	LP841	4100K 80+ CRI	F1A/	bracket	21	21"	GLR	Fusing (fast blow)
	available in 347V)				Available with T5 only:		T-Bar ceiling	24	24"	GMF	Fusing (slow blow)
EN ²	Emergency	*ALC not available with		LP830P	3000K 80+ CRI		(UMB with	XX	XX"	MCS	Matching feed canopy at support
	battery pack w/night	dimming			Premier		integrated			NEPP5D	Light enabled control module per row/zone
	light circuit (Not			LP835P	3500K 80+ CRI	F2/	J-Box)			OJB	Offset junction box
	available in 347V)				Premier		(horizontal			SLP	Sloped ceiling (for 10-45°, must be specified along
				LP841P	4100K 80+ CRI		J-Box)				with F2, ACG and OJB options)
					Premier					XXXX	Smart luminaire (see note above)
1 Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.											
2 Option EL or EN (Battery Pack) is:											
a. not permitted with dimming											
b. must be in the same section as the lamp being operated											
c. not permitted in a 4' section											
d. limited to one battery pack per section											

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.



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CLM9 Indirect-Direct
(2) T5, T5HO

Configurations



Mitered tenon corner and tenon connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Cold rolled steel housing. Die-cast aluminum end caps.

Shielding

GrateOptic® curved, crenulated diffuser is extruded opal acrylic. Shielding can be rotated to one of two positions, wall-facing or ceiling-facing.

Reflectors

Die-formed, white, high reflectance aluminum reflector.

Finish

Housing cover is painted white. Select white or painted aluminum finish for joiners and end caps.

Electrical

Specify 120V, 277V or 347V. Prewired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

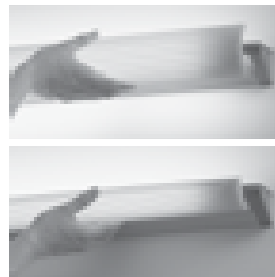
Individual luminaire lengths in a single section are 2', 3', 4' and 8'. For total luminaire length, add 1/4" for each end cap. Using internal joiners, 2', 3', 4' and 8' sections can be joined to form longer length luminaires. Lenses are not continuous in a run or 8' unit. Lenses are separated by a 1 1/4" gap between lamp modules.

Eco-friendly Packaging

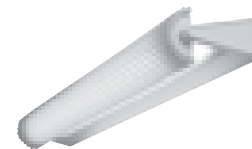
100% post-consumer recycled cardboard box,
100% recycled cardboard cradles and kraft paper tape.
Biodegradable, protective luminaire bag.

CONTRAIL®

Wall



Two position, field-adjustable lens



CLW9

ORDERING INFORMATION

Specifications subject to change.

Example: CLW9 1 28T5 32FT R8 120 GEB10 SCT L/LP C041

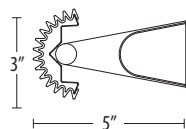
Luminaire	Number of lamps in cross section	Lamp type	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
CLW9	1	28T5 28W T5 54T5HO 54W T5HO Available for 3 FT: 21T5 21W T5 39T5HO 39W T5HO Available for 2 FT: 14T5 14W T5 24T5HO 24W T5HO	2 FT 3 FT 4 FT 8 FT X FT	R2 2' sections (s) R3 3' sections (s) R4 4' sections (s) R8 8' sections (s)	120 277 347 (not available with 28T5)	GEB10 <10% THD Electronic ADEZ* Advance Mark ADZT* Advance 7 0-10V dim DMHL3D* Lutron Hi-Lume dim *Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	(blank) None 1SE 1 Section 2SE 2 Sections XSE X Sections

Emergency type*	Switching	Lamp color	Joiner/End cap finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit	ALC* Alternate lamping	LP830 3000K 80+ CRI	C110 Painted aluminum (low gloss)	DU Dust cover
EL Emergency battery pack (Not available in 347V)	module circuit	LP835 3500K 80+ CRI		GLR Fusing (fast blow)
EN Emergency battery pack w/ night light circuit (Not available in 347V)	*ALC is not available with dimming.	LP841 4100K 80+ CRI		GMF Fusing (slow blow)
		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier		
		Reference Lamp Chart on website or consult factory for other options.		

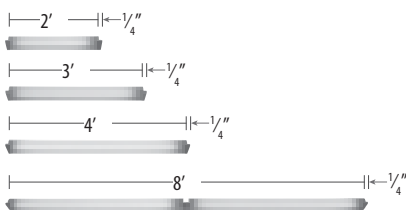
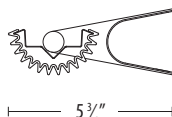
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

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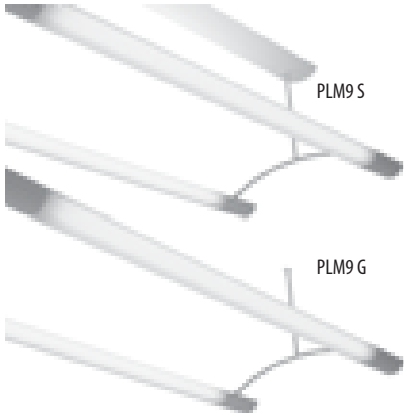
CLW9
(1) T5



Polycarbonate dust cover

CONTRAIL®

Parallels



Construction
Die-formed, pre-painted steel recessed housing.
PLM9 G: Extruded aluminum fixed-length suspension yokes.
Steel ballast channel above ceiling. PLM9 S: Extruded aluminum surface-mounted housing.

Shielding
GrateOptic® curved, crenulated diffuser is extruded opal acrylic, with opaque painted ends.

Reflectors
Die-formed, specular aluminum reflectors.

Finish
Satin anodized finish on suspension yokes. Low gloss, white paint standard on surface-mounted housing.

Electrical
Specify 120V, 277V, or 347V. Prewired with prescribed circuits and quick connectors. Step switching option allows system to be switched to 50% power for compliance with common energy codes while maintaining luminaire appearance. UL and cUL Listed.

Luminaire Length
4' nominal individual luminaire sections. Overall luminaire length is 4' 9". Luminaires mount to 4' grid or specify surface mounted option.

ORDERING INFORMATION

Specifications subject to change.

Example: PLM9 G 2 54T5HO U4 277 SCT GEB80S LP830

Luminaire	Mounting type		Number of lamps in cross section	Lamp type		Nominal length		Voltage	Switching	
PLM9	G	Lay in grid	2	28T5	28W T5	U4	4'	120	SCT	Single circuit
	S	Surface		54T5HO	54W T5HO			277		
								347		

Ballast type			Lamp color		Options	
GEB10	<10% THD Electronic		L/LP	No lamp	CP	Chicago plenum (available with G mounting type)
GEB95 ^{2,3}	<10% THD, .95 BF		LP830	3000K 80+ CRI	GLR	Fusing (fast blow)
GEB115 ^{2,3}	<10% THD, 1.5BF		LP835	3500K 80+ CRI	GMF	Fusing (slow blow)
GEB80 ^{1,3}	<10% THD, .80 BF		LP841	4100K 80+ CRI	NYC	New York City code
Dim Ballasts Available			Available with T5 only:			
GEB95S ^{1,3}	<10% THD, .95 BF step dim		LP830P	3000K 80+ CRI Premier		
GEB80S ^{1,3}	<10% THD, .80 BF step dim		LP835P	3500K 80+ CRI Premier		
GEB115S ^{1,3}	<10% THD, 1.15 BF step dim		LP841P	4100K 80+ CRI Premier		
DMHL3D ³	Lutron Hi-Lume dim		Reference Lamp Chart on website or consult factory for other options.			
OSDIM ^{1,3}	Osram 0-10v dim					

1 Available with 54T5HO only.

2 Available with 28T5 only.

3 Not available in 347V.

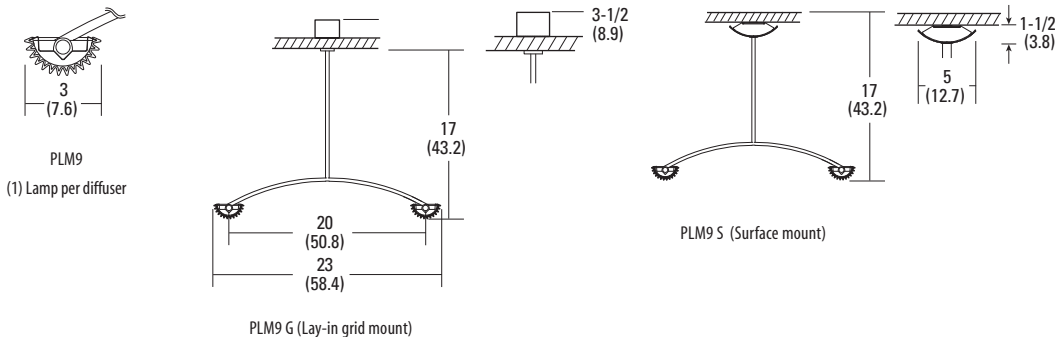
Reference [Ballast Wizard](#) on website or consult factory for other options.

1 Available with 54T5HO only.
2 Available with 28T5 only.
3 Not available in 347V.
Reference [Ballast Wizard](#) on website or consult factory for other options.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Construction

Housing is formed, pre-finished steel. Four-stage, iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts are finished with low-gloss baked enamel.

Reflectors

LSR9, LAR9: pre-finished white reflector system. LWR9: Specular asymmetric reflector system. Black perforated metal diffuser with round holes.

Shielding

LSR9, LAR9: Arc-shaped, parabolic low-iridescent semi-specular aluminum louver.

Electrical

Specify 120V, 277V, or 347V. For special circuits, consult factory. UL and cUL Listed (NON-IC).

Luminaire Size

Nominal 2-1/2" aperture. 2' and 4' lengths available.

LIGHTLINE®

Recessed

LWR9

LSR9
LAR9**ORDERING INFORMATION**

Specifications subject to change.

Example: LSR9 G 1 28T5 LDL U4 120 GEB10 L/LP C201

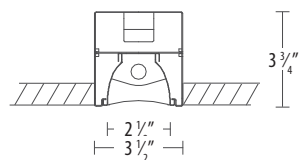
Luminaire	Ceiling type	Number of lamps in cross Section	Lamp type	Baffle (LSR9 and LAR9 only)	Shielding (LWR9 only)	Luminaire row length	Voltage
LSR9	G Lay in grid	1	24T5HO* 2'24W T5HO	LDL Low-iridescent louver	HOL Black metal diffuser with round holes	U2 2' sections(s)	120
LAR9			54T5HO* 4'54W T5HO			U4 4' sections(s)	277
LWR9			14T5 2'14W T5				347
			28T5 4'28W T5				MVOLT (Not for use when specifying battery pack)
*Available with LWR9 only.							

Ballast type	Emergency type	Lamp color	Finish	Options
GEB10 <10% THD	EL Emergency battery pack (Not available in 347V; only available with 28T5 and 54T5HO)	L/LP No lamp	C200 White (low gloss)	CP Chicago plenum
ADEZ* Advance Mark 10 dim (54T5HO only)		LP830 3000K 80+ CRI	C201 Black (low gloss)	FLNGW Flange kit (dry wall only) white
ADZT* Advance Mark 7 0-10V dim (28T4, 54T5HO)		LP835 3500K 80+ CRI		FLNGB Flange kit (dry wall only) black
DMHL3D* Lutron Hi-Lume dim		LP841 4100K 80+ CRI		GLR Fusing (fast blow)
*Not available in 347V.		Available with T5 only:		GMF Fusing (slow blow)
Reference Ballast Wizard on website or consult factory for other options.		LP830P 3000K 80+ CRI Premier		NYC New York City code
		LP835P 3500K 80+ CRI Premier		
		LP841P 4100K 80+ CRI Premier		
		Reference Lamp Chart on website or consult factory for other options.		

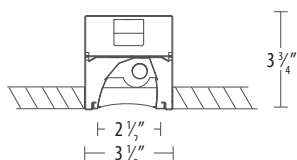
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

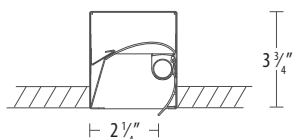
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



LSR9 Symmetric
Louver
(1) T5



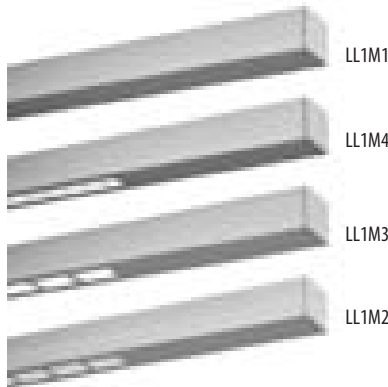
LAR9 Asymmetric
Louver
(1) T5



LWR9 Wall-Wash
(1) T5, T5HO

LIGHTLINE®

Indirect



Construction

Housing is extruded aluminum forming a 2 3/4" x 2 1/2" rectangular profile. Die-cast end plate mechanically attaches with no exposed fasteners.

Shielding

LL1M2: Small windows with perforated steel overlay.
LL1M3: Small windows with soft white aluminum baffle.
LL1M4: Long window with soft white aluminum baffle.

Reflectors

Die-formed, pre-finished white reflector with hammertone specular aluminum.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Finish

Standard colors include satin anodized aluminum, and white white (low gloss). Custom colors available, consult factory.

Luminaire Length

4', 8' and 12' individual luminaire sections. Add 3/4" for each end cap to determine total luminaire length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

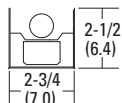
Example: LL1M1 1 28T5 12FT R12 120 GEB10 SCT LP830 F1/12 C100

Luminaire	Number of lamps in cross section	Lamp type	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules	Emergency type*					
LL1M1	1	28T5	28W	X FT	R4*	4' section(s)	120	GEB10	<10% THD	(blank)	None	(blank)	None
LL1M2			T5 (Not available in 347V)	4' increments		(Not available for LL1M2 T5/	277		Electronic	1SE	1 section	EC	Emergency circuit
LL1M3						T5HO, LL1M3	347	OS5C*	Osram Line or 0-10V (T8)	2SE	2 sections	*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.	
LL1M4		54T5HO	54W T5HO			T5/T5HO, LL1M4 T5/		ADEZ*	Advance Mark 10 dim (T8, T5HO)	XSE	X sections		
		32	32W T8			T5HO. Consult factory.)		ADZT*	Advance Mark 7 0-10V dim				
						R8	8' section(s)						
						R12	12' section(s)						
						*R4-LL1M1 available for use with T8, T5, HOT5 lamps. LL1M2, LL1M3, & LL1M4 in 4' only available with T8							

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations

Mitered "L", "X" and "T" connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Housing is extruded aluminum forming a 2 3/4" x 2 1/2" rectangular profile. Die-cast end plate mechanically attaches with no exposed fasteners.

Reflectors

Die-formed, pre-finished white reflector with hammertone specular aluminum.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Finish

Standard colors include satin anodized aluminum, and white white (low gloss). Custom colors available, consult factory.

Luminaire Length

4', 8' and 12' lengths for a single section. For total luminaire length, add 3/4" for each end plate. Using internal joiners, 4', 8', and 12' sections can be joined to form longer rows.

LIGHTLINE®

Wall



LL1W1

ORDERING INFORMATION

Specifications subject to change.

Example: LL1W1 D 1 28T5 8FT R8 120 GEB10 SCT LP830 C100

Luminaire	Mounting type	Number of lamps in cross section	Lamp Type	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
LL1W1	D Wall spacer X 6" extended arm mount	1	28T5 28W T5 (Not available in 347V) 54T5HO 54W T5HO	XFT 4' increments	R4 4' section(s) R8 8' section(s) R12 12' section(s)	120 277 347 (Not available for T5)	GEB10 <10% THD Electronic ADEZ* Advance Mark 10 dim (T5HO) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim *Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	(blank) None 1SE 1 section 2SE 2 sections XSE X sections

Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit		LP830 3000K 80+ CRI	C100 Satin anodized finish	GLR Fusing (fast blow)
EL Emergency battery pack (Not available in 347V)		LP835 3500K 80+ CRI LP841 4100K 80+ CRI	C099 Custom finish	GMF Fusing (slow blow)
EN Emergency battery pack w/night light circuit (Not available in 347V)		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier		

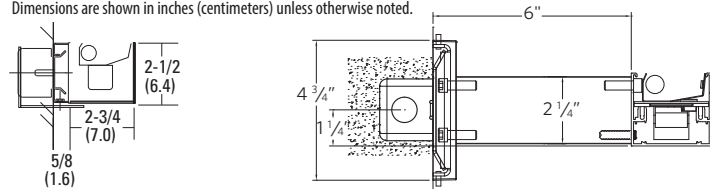
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Reference [Lamp Chart](#) on website or consult factory for other options.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

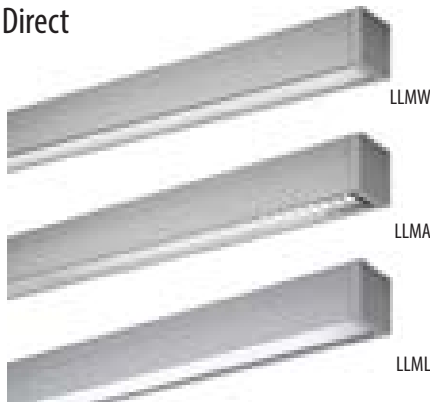
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Configurations**

Mitered inside and outside "L" connectors available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

LIGHTLINE®

Direct



Construction

Extruded aluminum housing forms a 3 5/8" x 4 1/16" rectangular profile. Die-cast aluminum end caps mechanically attach with no exposed fasteners.

Shielding

LLMA, LLMS: Arc-shaped, parabolic low iridescent semi-specular or white painted aluminum louver. LLML: Softshine® high-performance lens controls light distribution. Uniform luminance along the length of the lens is achieved with staggered lamps.

Reflectors

LLMW: Specular asymmetric reflector system with black perforated metal diffuser. LLMA, LLMS, LLML: High reflectance white painted reflector system.

Finish

Satin anodized finish consists of satin anodized housing with end caps painted to match. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

LLMA, LLMS, LLMW: 4', 8' and 12' lengths in a single section for exact suspension spacing of 4', 8', and 12'. For total luminaire length, add 7/8" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer rows. LLML: Stand alone sections are 3'10" (R4), 7'3" (R8), and 10'8" (R12). Rows are comprised of starter, joiner and ender sections of various lengths. Refer to planning guide on website for details. For total luminaire length, add 7/8" for each end cap.

ORDERING INFORMATION

Specifications subject to change.

Example: LLMA 1 28T5 SSB 40FT R8 120 GEB10 SCT LP835 F1/18 C100

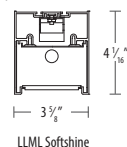
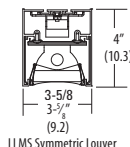
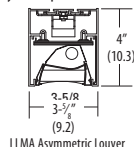
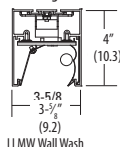
Luminaire	Mounting type		Number of lamps in cross section	Lamp type		Shielding		Luminaire row length				Maximum section length	Voltage	Ballast type		
LLMA	(blank)	Suspended	1	28T5	28WT5	SSB	Semi-specular baffle (LLMA, LLMS only)	X FT	4' increments for LLMA, LLMS, LLMW			R4	4' section(s)	120	GEB10	<10% THD Electronic
LLMS	S	Surface		54T5HO	54WT5HO			3FT10IN	Individual (R4) for LLML S*	R8	8' section(s)	277	OS5C*	Osram Line or 0-10V (T8)		
LLMW				(Not available with LLMA, LLMS)	WPB			White painted baffle (LLMA, LLMS only)	7FT3IN	Individual (R8) for LLML S*	R12	12' section(s)			347	
LLML									10FT8IN	Individual (R12) for LLML S*						
				32	32WT8(Not available with LLMW, LLML)	SSH	Softshine lens (LLML only)	For LLML (Consult factory for row lengths greater than 99FT6IN):								ADEZ*
								14FT1IN	38FT0IN	61FT11IN			85FT10IN	ADZT*		Advance Mark 7 0-10V dim
								17FT6IN	41FT5IN	65FT4IN	89FT3IN					
								20FT11IN	44FT10IN	68FT9IN	92FT8IN					
								24FT4IN	48FT3IN	72FT2IN	96FT1IN	DMHL3D*	Lutron Hi-Lume dim			
								27FT9IN	51FT8IN	75FT7IN	99FT6IN					
					31FT2IN			55FT1IN	79FT0IN							
					34FT7IN			58FT6IN	89FT5IN							
								*Surface Mount: Available with individual units only (3FT10IN, 7FT3IN, 10FT8IN).				*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.				

Number of emergency modules	Emergency type*	Switching	Lamp color	Mounting Type (Suspended only)	Finish	Options
(blank) None	(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	C041 White white (low gloss)	ACG* Adjustable cable grippers
1SE 1 section	EC Emergency circuit		L/LPE No lamp. Wired for energy saving T8 lamps.	F1A/ T-bar ceiling (UMB with integrated J-box)	C100 Satin anodized finish	BLK* Black cord, cord manager and canopy (not available with F3)
2SE 2 sections	EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	C099 Custom finish	CP* Chicago plenum (available with F1A only)
XSE X sections	EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP835 3500K 80+ CRI			DL Damp location label
			LP841 4100K 80+ CRI			GLR Fusing (fast blow)
			Available with T5 only:			GMF Fusing (slow blow)
			LP830P 3000K 80+ CRI Premier			MCS* Matching feed canopy at support
			LP835P 3500K 80+ CRI Premier			NEPPSD nLight enabled control module per row/zone
			LP841P 4100K 80+ CRI Premier			NYC New York City code
						OJB* Offset junction box
						SLP* Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
						XXXX Smart luminaire
						*Suspended only.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations



Mitered corner, "X," and "T" connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Extruded aluminum housing forms a 3 5/8" x 4 1/16" rectangular profile. Die-cast aluminum end caps mechanically attach with no exposed fasteners. Extended arm mount (Mounting Type "X") is extruded aluminum.

Shielding

LLWS, LLWA: Arc-shaped, parabolic low iridescent semi-specular or white painted aluminum louver. LLWL: Softshine® high-performance lens controls light distribution. Uniform luminance along the length of the lens is achieved with staggered lamps.

Reflectors

LLWW: Specular asymmetric reflector system with black perforated metal diffuser. LLWA, LLWS, LLWL: High reflectance white painted reflector system.

Finish

Satin anodized finish consists of satin anodized housing with end caps painted to match. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

LLWS, LLWA, LLWW: 4', 8', and 12' lengths in a single section. For total luminaire length, add 7/8" for each end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer length luminaires. LLWL: Stand alone sections are 3'10" (R4), 7'3" (R8), and 10'8" (R12). Rows are comprised of starter, joiner and ender sections of various lengths. Refer to planning guide on website for details. For total luminaire length, add 7/8" for each end cap.

LIGHTLINE®

Direct Wall

LLWW



LLWA



LLWL

**ORDERING INFORMATION**

Specifications subject to change.

Example: LLWS D 1 28T5 SSB 40FT R8 277 GEB10 SCT LP835 C100

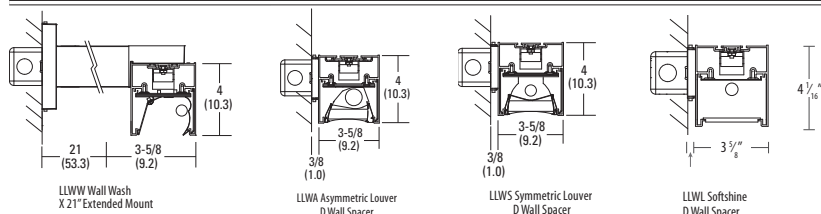
Luminaire	Height	Number of lamps in cross section	Lamp type	Shielding	Luminaire row length	Maximum section length	Voltage	Ballast type
LLWS	D Wall spacer	1	28T5	SSB	4' increments for LLWA, LLWS, LLWW	R4 4' section(s)	120	GEB10
LLWA	X 21" extended arm mount		54T5HO	WPB	Individual (R4) for LLML S*	R8 8' section(s)	277	OSSC*
LLWW			54W T5HO (Not available with LLWS, LLWA)	SSH	Individual (R8) for LLML S*	R12 12' section(s)	347	ADEZ*
LLWL		32	32W T8 (Not available with LLWW, LLWL)		Individual (R12) for LLML S* For LLML (Consult factory for row lengths greater than 99FT6IN):			ADZT*
					14FT11N 38FT01N 61FT11N 85FT101N			DMHL3D*
					17FT61N 41FT51N 65FT41N 89FT31N			
					20FT111N 44FT101N 68FT91N 92FT81N			
					24FT41N 48FT31N 72FT21N 96FT11N			
					27FT91N 51FT11N 75FT71N 99FT61N			
					31FT21N 55FT11N 79FT01N			
					34FT71N 58FT61N 82FT101N			

*Surface Mount: Available with individual units only (3FT10IN, 7FT3IN, 10FT8IN).

*Not available in 347V.

Reference [Ballast Wizard](#) on website or consult factory for other options.

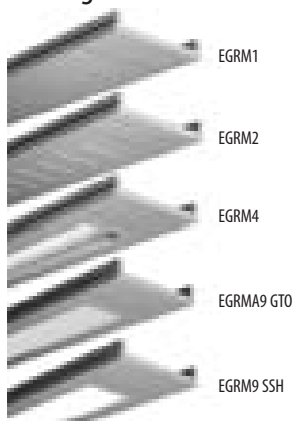
Number of emergency modules	Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
1SE 1 section	EC Emergency circuit		L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	GLR Fusing (fast blow)
2SE 2 sections	EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	GMF Fusing (slow blow)
XSE X sections	EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		NYC New York City code
			LP841 4100K 80+ CRI		
			Available with T5 only:		
			LP830P 3000K 80+ CRI Premier		
			LP835P 3500K 80+ CRI Premier		
			LP841P 4100K 80+ CRI Premier		
			Reference Lamp Chart on website or consult factory for other options.		

ADDITIONAL INFORMATIONFor additional product information, visit www.peerlesslighting.com.**Configurations**

Mitered inside and outside corners available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

LIGHTEDGE®

Rectangular



Construction

Housing and end caps are extruded aluminum forming an 8" x 1 1/2" rectangular profile.

Reflectors

Die-formed center reflectors with baked-white enamel finish (nominal reflectance 90%) and specular aluminum side reflectors. EGRM9: Die-formed white painted reflector (nominal reflectance 90%) and specular aluminum side reflector.

Shielding

EGRM2: Opal acrylic overlay above die-punched slot pattern in aluminum housing. EGRM4: Parabolic semi-specular aluminum baffles. EGRM9: Crenulated GrateOptic® diffuser or flush Softshine® high-performance lens.

Finish

Satin anodized standard. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length add 4" for each end cap. Using internal joiners, 4' and 8' sections can be joined to form longer-length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: EGRM1 3 54T5HO 12FT R8 277 GEB10 DCT L/LP F2/15 C100 ACG

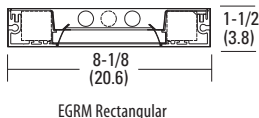
Luminaire	Number of lamps in cross section	Lamp type	Shielding (EGRM9 only)	Baffle (EGRM9 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
EGRM1	1	54T5HO 54W T5HO	GTO Grateoptic	SSB Semi specular baffle	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
EGRM2	2	28T5 28W T5 (Not available in 347V)	SSH Softshine	WPB White painted baffle	4' increments	R8 8' section(s)	277	ADEZ* Advance Mark 10 dim (T5HO)	1SE 1 section
EGRM4	3						347 (Not available with 28T5)	ADZT* Advance Mark 7 0-10V dim (T5, T5HO)	2SE 2 sections
EGRM9								DMHL3D* Lutron Hi-Lume dim	XSE X sections
EGRM1	2	32 32W T8						*Not available in 347V.	
EGRM2								Reference Ballast Wizard on website or consult factory for other options.	

Emergency type*	Switching	Lamp Color	Mounting Type	Overall suspension*	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C041 White white (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.		15 15"		BLK Black cord, cord manager and canopy
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	18 18"	C100 Satin anodized finish	CP Chicago plenum (available with F1A only)
EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		21 21"		DL Damp location label
		LP841 4100K 80+ CRI		24 24"	C099 Custom finish	DU Dust cover (not available with 3-lamp T5HO)
		Available with T5 only:	F2/ Hard ceiling (horizontal J-box)	XX XX"		GLR Fusing (fast blow)
		LP830P 3000K 80+ CRI Premier				GMF Fusing (slow blow)
		LP835P 3500K 80+ CRI Premier				MCS Matching feed canopy at support
		LP841P 4100K 80+ CRI Premier				NEPP5D nLight enabled control module per row/zone
		Reference Lamp Chart on website or consult factory for other options.				OJB Offset junction box
						SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations



Sweep, mitered corner, "T" and "X" mitered connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Housing and end caps are extruded aluminum forming an 7 1/2" x 1 1/2" rectangular profile.

Reflectors

Die-formed reflectors with baked-white enamel finish (nominal reflectance 90%) and hammertone specular aluminum.

Prismatic acrylic kicker lens. EGRW9: Die-formed white painted reflector (nominal reflectance 90%) and hammertone specular aluminum. Prismatic acrylic kicker lens.

Shielding

EGRW2: Opal, acrylic overlay above die-punched slot pattern in aluminum housing. EGRW4: Indirect/direct with parabolic semi-specular aluminum baffles, two per 4' section. EGRW9: Crenulated GrateOptic® diffuser or Softshine® high-performance lens.

Finish

Satin anodized standard. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' lengths in a single section. For total luminaire length add 4" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer-length luminaires.

LIGHTEDGE®

Rectangular Wall

EGRW2

EGRW4 EXT

EGRW9

ORDERING INFORMATION

Specifications subject to change.

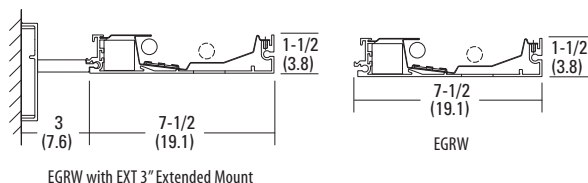
Example: EGRW1 1 54T5HO 40FT R12 120 GEB10 2SE EL SCT LP835 C100

Luminaire	Numer of lamps in cross section	Lamp type	Shielding (EGRW9 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
EGRW1	1	54T5HO 54W T5HO	GTO GrateOptic	XFT	R4 4' section(s)	120	GEB10 <10% THD Electronic (All)	(blank) None
EGRW2	2	32 32W T8	SSH Softshine	4' increments	R8 8' section(s)	277	OS5C* Osram Line or 0-10V (T8)	1SE 1 section
EGRW4					R12 12' section(s)	347 (Not available with 28T5)	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
EGRW9							ADZT* Advance Mark 7 0-10V dim (All)	XSE X sections
							DMHL3D* Lutron Hi-Lume dim (All)	
							*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	

Emergency Type*	Switching	Lamp Color	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for emergency saving T8 lamps	C100 Satin anodized finish	DU Dust cover
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	EXT 3" extended mount (consult factory)
EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		GLR Fusing (fast blow)
		LP841 4100K 80+ CRI		GMF Fusing (slow blow)
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		Available with T5 only:		
		LP830P 3000K 80+ CRI Premier		
		LP835P 3500K 80+ CRI Premier		
		LP841P 4100K 80+ CRI Premier		
		Reference Lamp Chart on website or consult factory for other options.		

ADDITIONAL INFORMATIONFor additional product information, visit www.peerlesslighting.com.

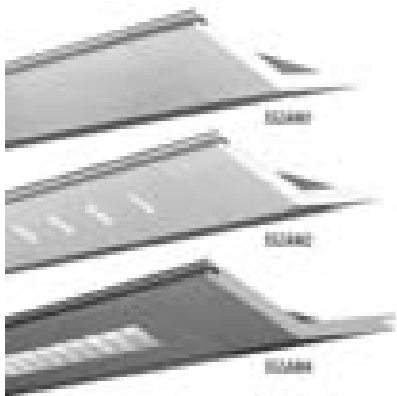
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Configurations**

Angular sweep connectors for inside corners and mitered connectors for inside and outside corners available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

LIGHTEDGE®

Angular



Construction

Housing and end caps are extruded aluminum forming an 8" x 1 3/4" angular profile for shallow and 7" x 2 1/2" angular profile for deep.

Reflectors

Die-formed, pre-painted white steel, hammertone specular aluminum and specular aluminum.

Shielding

EGSAM2 and EGAM2: Opal acrylic overlay above die-punched slot pattern in aluminum housing. EGSA4: 18" parabolic semi-specular aluminum baffles with or without perforated shield, four per 4' section.

Finish

Satin anodized standard. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' (deep only) lengths in a single section for exact suspension spacing of 4', 8' and 12' (deep only). For total luminaire length add 4" for each end cap. Using internal joiners, 4', 8' and 12' (deep only) sections can be joined to form longer-length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: EGSA1 2 54T5HO 40FT R8 120 GEB10 2SE EL SCT LP835 F1/24 C100

Luminaire	Number of lamps in cross section	Lamp type	Baffle (EGSA4 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
EGSA1	2	54T5HO	SSB Semi specular	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
EGSA2		28T5	SSBP Semi specular baffle with perf shield	4' increments	R8 8' section(s)	277	OS5C* Osram Line or 0-10V (T8)	1SE 1 section
EGSA4		32			R12 12' section(s) (Available with EGAM1 and EGAM2 only)	347 (Not available with 28T5)	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
							ADZT* Advance Mark 7 0-10V dim	XSE X sections
EGAM1	1	54T5HO					DMHL3D* Lutron Hi-Lume dim	
EGAM2	2	28T5						
	3	32						

*Not available in 347V.
Reference [Ballast Wizard](#) on website or consult factory for other options.

Emergency type*	Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C041 White white (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	F1A/ T-bar ceiling (UMB with integrated J-box)	15 15"		BLK Black cord, cord manager and canopy
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI		18 18"		CP Chicago plenum (available with F1A only)
		LP835 3500K 80+ CRI		21 21"	C100 Satin anodized finish	DL Damp location label
		LP841 4100K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	24 24"		DU Dust cover (not available with 3-lamp T5HO)
EN Emergency battery pack w/night light circuit (Not available in 347V)		Available with T5 only:		XX XX"	C099 Custom finish	GLR Fusing (fast blow)
		LP830P 3000K 80+ CRI Premier		Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
		LP835P 3500K 80+ CRI Premier				MCS Matching feed canopy at support
		LP841P 4100K 80+ CRI Premier				NEPP5D nLight enabled control module per row/zone
						OJB Offset junction box
						SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

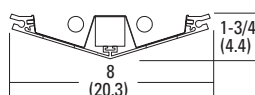
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Reference [Lamp Chart](#) on website or consult factory for other options.

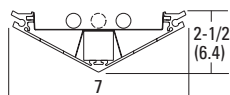
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EGSAM Shallow Angular



EGAM Deep Angular

Configurations



Sweep, mitered corner, "T" and "X" mitered connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com

Construction

Housing and end caps are extruded aluminum forming a 7 1/2" x 2 1/8" profile channel.

Reflectors

Die-formed reflectors combine hammertone specular aluminum and baked white enamel (nominal reflectance 90%). Prismatic acrylic kicker lens on 1-lamp product.

Shielding

EGAW2 T5/T5HO: Opal acrylic overlay above die-punched slot pattern in aluminum housing. EGAW4: Parabolic semi-specular aluminum baffles with opal diffuser, two per 4' section.

Finish

Satin anodized standard. Custom colors available, consult factory.

Electrical

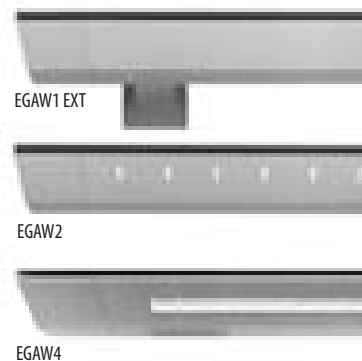
Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' lengths in a single section. For total luminaire length add 4" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer-length luminaires. Individual 2' and 3' units also available for EGAW1 and EGAW2, consult factory.

LIGHTEDGE®

Angular Wall

**ORDERING INFORMATION**

Specifications subject to change.

Example: EGAW1 1 54T5HO 40FT R12 120 GEB10 2SE EL SCT LP835 C100

Luminaire	Number of lamps in cross section	Lamp type	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
EGAW1	1 (T5, T5HO, T8)	28T5 28W T5	X FT 4' increments	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
EGAW2	2 (T5, T5HO)	54T5HO 54W T5HO 32 32W T8		R8 8' section(s) R12 12' section(s)	277 347	OS5C* Osram Line or 0-10V (T8) ADEZ* Advance Mark 10 dim (T8, T5HO) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim	1SE 1 section 2SE 2 sections XSE X sections
EGAW4	2 (T5, T5HO)	28T5 28W T5 54T5HO 54W T5HO					

*Not available in 347V.

Reference [Ballast Wizard](#) on website or consult factory for other options.

Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit	DCT Dual circuit (Not available with T8 lamps)	L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	DU Dust cover
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI	C099 Custom finish	EXT 3" extended mount (consult factory) GLR Fusing (fast blow) GMF Fusing (slow blow)
EN Emergency battery pack w/night light circuit (Not available in 347V)		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier		

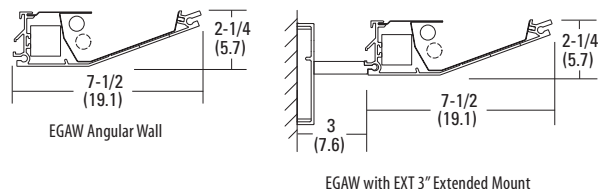
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Reference [Lamp Chart](#) on website or consult factory for other options.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

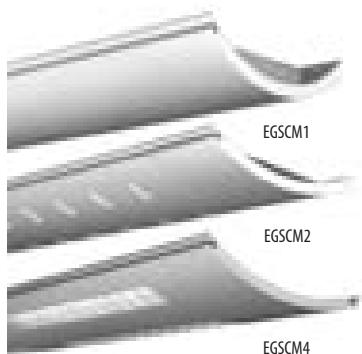
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Configurations**

Angular sweep connectors for inside corners and mitered connectors for inside and outside corners available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

LIGHTEDGE®

Curved



Construction

Housing and end caps are extruded aluminum forming an 8" x 1 9/16" curvilinear profile for shallow and 7" x 2 1/4" curvilinear profile for deep.

Reflectors

Die-formed pre-painted white steel, hammertone specular aluminum and specular aluminum.

Shielding

EGSCM2 and EGCM2: Opal acrylic overlay above die-punched slot pattern in aluminum housing. EGSCM4: 18" parabolic semi-specular aluminum baffles with or without perforated shield, four per 4' section.

Finish

Satin anodized standard. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' (Deep only) lengths in a single section for exact suspension spacing of 4', 8' and 12' (Deep only). For total luminaire length add 4" for each end cap. Using internal joiners, 4', 8' and 12' (Deep only) sections can be joined to form longer-length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: EGSCM1 2 54T5HO 40FT R8 120 GEB10 2SE EL SCT LP835 F1/24 C100

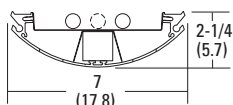
Luminaire	Number of lamps in cross section	Lamp type	Baffle (EGSCM4 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
EGSCM1	2	54T5HO	SSB Semi-specular	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
EGSCM2		28T5		4' increments	R8 8' section(s)	277	OSSC* Osram Line or 0-10V (T8)	1SE 1 section
EGSCM4		32	SSBP Semi-specular baffle with perf shield		R12 12' section(s) (Available with EGCM1 and EGCM2 only)	347 (Not available with 28T5)	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
							ADZT* Advance Mark 7 0-10V dim	XSE X sections
							DMHL3D* Lutron Hi-Lume dim	
EGCM1	1	54T5HO					*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	
EGCM2	2	28T5						
	3	32						

Emergency type*	Switching	Lamp color	Mounting Type	Overall suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C041 White	ACG Adjustable cable grippers
EC Emergency circuit		L/LPE No lamp. Wired for energy saving T8 lamps.		15 15"		BLK Black cord, cord manager and canopy
EL Emergency battery pack (Not available with U2 or U3; not available in 347V)	DCT Dual circuit	LP830 3000K 80+ CRI		18 18"		CP Chicago plenum (available with F1A only)
		LP835 3500K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	21 21"	C100 Satin anodized finish	DL Damp location label
		LP841 4100K 80+ CRI		24 24"		DU Dust cover
EN Emergency battery pack w/night light circuit (Not available with U2 or U3; not available in 347V)		Available with T5 only:		XX XX"	C099 Custom finish	GLR Fusing (fast blow)
		LP830P 3000K 80+ CRI Premier	F2/ Hard ceiling (horizontal J-box)	Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
		LP835P 3500K 80+ CRI Premier				MCS Matching feed canopy at support
		LP841P 4100K 80+ CRI Premier				NEPPSD nLight enabled control module per row/zone
		Reference Lamp Chart on website or consult factory for other options.				OJB Offset junction box
						SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

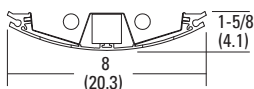
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EGSCM Deep Curved



EGSCM Shallow Curved

Configurations



Sweep, mitered corner, "T" and "X" mitered connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Housing and end caps are extruded aluminum forming a 7 1/2" x 2 1/4" curvilinear profile.

Reflectors

Die-formed reflectors combine hammertone specular aluminum and baked white enamel (nominal reflectance 90%). Prismatic acrylic kicker lens on 1-lamp product.

Shielding

EGCW2: Opal acrylic overlay above die-punched slot pattern in aluminum housing. EGCW4: Parabolic semi-specular aluminum baffles with opal diffuser, two per 4' section.

Finish

Satin anodized standard. Custom colors available, consult factory.

Electrical

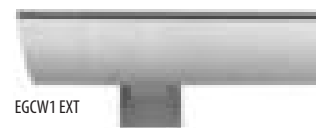
Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' lengths in a single section. For total luminaire length add 4" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer-length luminaires. Individual 2' and 3' units also available (EGCW1 and EGCW2 only), consult factory.

LIGHTEDGE®

Curved Wall



EGCW1 EXT



EGCW2



EGCW4

ORDERING INFORMATION

Specifications subject to change.

Example: EGCW1 1 54T5HO 40FT R12 120 GEB10 2SE EL SCT LP835 C100

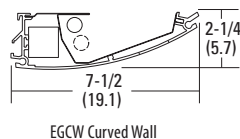
Luminaire	Number of lamps in cross section	Lamp type	Baffle (EGSCM4 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
EGCW1	1 (T5, T5HO, T8)	28T5 28W T5	SSB Semi-specular	XFT 4' increments	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
EGCW2	2 (T5, T5HO)	54T5HO 54W T5HO	SSBP Semi-specular baffle with perf shield		R8 8' section(s)	277	OSSC* Osram Line or 0-10V (T8)	1SE 1 section
EGCW4	32	32W T8 (Not available with EGCW4)			R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
							ADZT* Advance Mark 7 0-10V dim	XSE X sections
							DMHL3D* Lutron Hi-Lume dim	
							*Not available in 347V.	
							Reference Ballast Wizard on website or consult factory for other options.	

Emergency type*	Switching	Lamp color	Finish	Overall suspension
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	DU Dust cover
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	EXT 3" extended mount (consult factory)
EN Emergency battery pack w/night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		GLR Fusing (fast blow)
		LP841 4100K 80+ CRI		GMF Fusing (slow blow)
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		Available with T5 only:		
		LP830P 3000K 80+ CRI Premier		
		LP835P 3500K 80+ CRI Premier		
		LP841P 4100K 80+ CRI Premier		
		Reference Lamp Chart on website or consult factory for other options.		

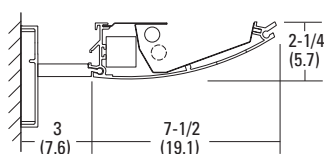
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EGCW Curved Wall



EGCW with EXT 3" Extended Mount

Configurations

Curved sweep connectors for inside corners and mitered connectors for inside and outside corners available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

ICETRAY®

Indirect/Direct



Construction

Nominal 10" x 3" (9" x 3" for IRM8) with extruded aluminum spine and nominal 4' one-piece aluminum baffle assemblies. Steel and die-cast aluminum sculptured end cap.

Reflectors

White painted center reflector is integrated with the baffle (nominal 90% reflectance). Perforated side reflector/shield. One-lamp uses hammertone center reflector.

Shielding

Straight blade baffles with perforated side reflector/shield. Optional opal acrylic diffuser overlay (recommended with T5HO lamps).

Finish

Satin anodized or white polyester powder paint. Satin anodized finish consists of satin anodized housing, clear-coated aluminum baffles and end caps painted C110 to match. Note that clear coated aluminum baffles retain the slight imperfections and characteristics of the raw aluminum source material. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8' and 12'. For total luminaire length, add 1 3/8" for each end cap. Using internal joiners 4', 8', and 12' sections can be joined to form longer rows.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see specification sheets on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: IRM8 2 54T5HO OPD 20FT R8 120 GEB10 1SE EL SCT LP835 F1/18 C100

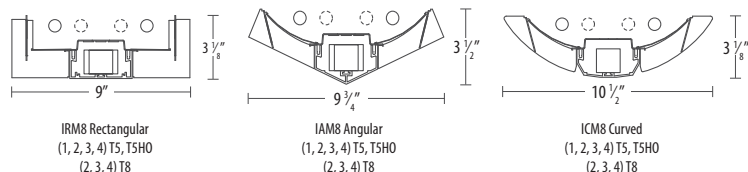
Luminaire	Number of lamps in cross section	Lamp type	Distribution*	Shielding	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
IRM8	1 (T5/T5HO only)	28T5 28W T5	(blank) T8: 85% up, 15% down	(blank) No opal diffuser	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
IAM8	2	54T5HO 54W T5HO	T5/T5HO: 85% up, 15% down	OPD Opal diffuser (Recommended with T5HO not available with 5/95 distribution)	4' increments	R8 8' section(s)	277	OSSC* Osram Line or 0-10V (T8)	1SE 1 section
ICM8	3	32 32W T8	50/50 50% up, 50% down (T8 only)			R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
	4		40/60 40% up, 60% down (T5/T5HO only)					ADZT* Advance Mark 7 0-10V dim	XSE X sections
			30/70 30% up, 70% down (T8 only)					DMHL3D* Lutron Hi-Lume dim	
			5/95 5% up, 95% down (Not available with OPD)						
			* T8: Nominal percentages without OPD shielding. T5/T5HO: Nominal percentages with OPD (except 5/95) Variable distributions not available with DU.					*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	

Emergency type*	Switching	Lamp color	Mounting Type	Overall Suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C041 White white (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.		15 15"		BLK Black cord, cord manager and canopy (not available with F3 mtg)
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	18 18"		CP Chicago plenum (available with F1A only)
		LP835 3500K 80+ CRI		21 21"	C100 Satin anodized finish	DL Damp location label
		LP841 4100K 80+ CRI		24 24"		DU Dust cover (Not available with 5/95 or 40/60 T5HO and T8; 50/50, 30/70 T8; 3- or 4-lamp T5HO)
EN Emergency battery pack w/ night light circuit (Not available in 347V)		Available with T5 only:	F2/ Hard ceiling (horizontal J-box)	XX XX"	C099 Custom finish	GFR Fusing (fast blow)
		LP830P 3000K 80+ CRI Premier				GFM Fusing (slow blow)
		LP835P 3500K 80+ CRI Premier	F3/ Rigid stem	Overall suspension is measured from ceiling to bottom of luminaire.		MCS Matching feed canopy at support
		LP841P 4100K 80+ CRI Premier				NEPP5D nLight enabled control module per row/zone
		Reference Lamp Chart on website or consult factory for other options.				NYC New York City code
						OJB Offset junction box
						SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations



Tenon "L", "X", "T" and straight connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Housing is extruded aluminum with one-piece aluminum baffle and a steel end cap.

Reflectors

Reflecting surfaces have white finish (nominal 90% reflectance).

Shielding

Straight blade baffles with perforated side reflector/shield and opal acrylic diffuser overlay.

Finish

Satin anodized or white polyester powder paint. Satin anodized finish consists of satin anodized housing, clear-coated aluminum baffles and end caps painted C110 to match.

Note that clear-coated aluminum baffles retain the slight imperfections and characteristics of the raw aluminum source material. Custom colors available, consult factory.

Electrical

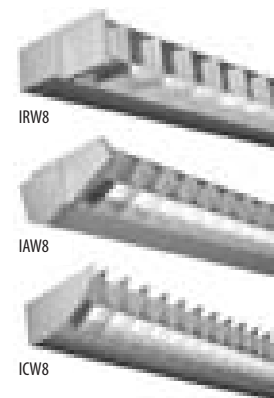
Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

Nominal 4', 8', and 12' sections form row lengths. For longer run lengths, sections are attached using internal joiners. Add 1 3/8" for each end cap to determine total luminaire length. Using internal joiners 4', 8', and 12' fixtures can be joined to form longer rows.

ICETRAY®

Indirect/Direct Wall

**ORDERING INFORMATION**

Specifications subject to change.

Example: IAW8 2 54T5HO OPD 20FT48 120 GEB10 SCT LP835 C041

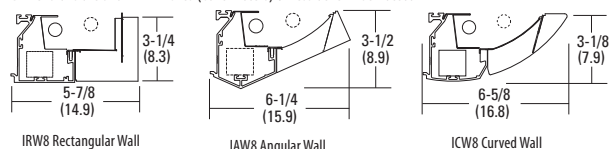
Fixture	Number of lamps in cross section	Lamp type	Shielding	Fixture row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
IRW8	1	28T5 28W T5	(blank) No opal	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
IAW8	2	54T5HO 54W T5HO	OPD Opal overlay recommended with T5HO	4' increments	R8 8' section(s)	277	OS5C* Osram Line or 0-10V (T8)	1SE 1 section
ICW8		32 32W T8			R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
							ADZT* Advance Mark 7 0-10V dim	XSE X sections
							DMHL3D* Lutron Hi-Lume dim	
							*Not available in 347V.	
							Reference Ballast Wizard on website or consult factory for other options.	

Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	DU Dust cover
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	GLR Fusing (fast blow)
EN Emergency battery pack w/night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		GMF Fusing (slow blow)
		LP841 4100K 80+ CRI		NYC New York City code
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		Available with T5 only:		
		LP830P 3000K 80+ CRI Premier		
		LP835P 3500K 80+ CRI Premier		
		LP841P 4100K 80+ CRI Premier		
		Reference Lamp Chart on website or consult factory for other options.		

ADDITIONAL INFORMATION

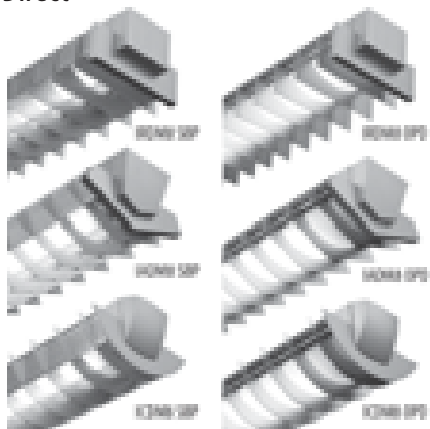
For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ICETRAY®

Direct



Construction

Nominal 7" x 4" (6" x 4" for IRDM8) extruded aluminum spine and nominal 4" one-piece aluminum baffle assemblies. Steel and die-cast aluminum sculptured end cap.

Reflectors

White painted center reflector (nominal 90% reflectance). Perforated side reflector/shield.

Finish

Satin anodized or white polyester powder paint. Satin anodized finish consists of satin anodized housing, clear-coated aluminum baffles and end caps painted C110 to match. Note that clear-coated aluminum baffles retain the slight imperfections and characteristics of the raw aluminum source material. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8' and 12'. For total luminaire length, add 1 3/8" for each end cap. Using internal joiners 4', 8', and 12' sections can be joined to form longer rows.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see specification sheets on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: ICDM8 S 1 54T5H0 OPD 12FT R8 277 GEB10 SCT LP835 C041

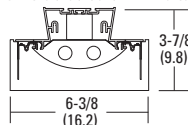
Luminaire	Ceiling type	Number of lamps in cross section	Lamp type	Shielding	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
IRDM8	(blank) Suspended	1	28T5 28W T5	OPD Straight blade baffle with opal diffuser (Not available with 2-lamp cross section)	X FT 4' increments	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
IADM8	S Surface mounted	2	54T5H0 54W T5H0			R8 8' section(s)	277	OS5C* Osram Line or 0-10V (T8)	1SE 1 section
ICDM8			32 32W T8	SBP Straight blade baffle with side perforated shield		R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5H0) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim *Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	2SE 2 sections XSE X sections

Emergency type*	Switching	Lamp Color	Mounting type	Overall Suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C041 White white (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit		L/LPE No lamp. Wired for energy saving T8 lamps.		15 15"		BLK Black cord, cord manager and canopy (not available with F3)
EL Emergency battery pack (Not available in 347V)	DCT Dual circuit		F1A/ T-bar ceiling (UMB with integrated J-box)	18 18"		CP Chicago plenum (available with F1A only)
		LP830 3000K 80+ CRI		21 21"	C100 Satin anodized finish	DL Damp location label
EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP835 3500K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	24 24"		GLR Fusing (fast blow)
		LP841 4100K 80+ CRI		XX XX"	C099 Custom finish	GMF Fusing (slow blow)
		Available with T5 only:	F3/ Rigid stem	Overall suspension is measured from ceiling to bottom of luminaire.		MCS Matching feed canopy at support
		LP830P 3000K 80+ CRI Premier				NEPP5D nLight enabled control module per row/zone
		LP835P 3500K 80+ CRI Premier				OJB Offset junction box
		LP841P 4100K 80+ CRI Premier				NYC New York City code
		Reference Lamp Chart on website or consult factory for other options.				SCEP Sculptured end cap
						SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

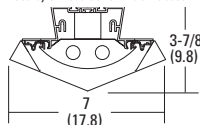
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

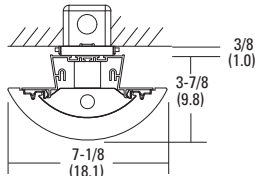
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



IRDM8 Rectangular with SBP Perforated Side Shield



IADM8 Angular with SBP Perforated Side Shield



ICDM8 Curved with OPD Opal Diffuser and S Surface Mounted

Configurations



Tenon "L", "T", "X" and straight connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Nominal 4" x 7" (4" x 6" for IRDW8) extruded aluminum spine and nominal 4' one-piece aluminum baffle assemblies. Steel and die-cast aluminum sculptured end cap.

Reflectors

White painted center reflector (nominal 90% reflectance).

Shielding

Straight blade baffles with intermediate or standard brightness opal acrylic diffuser overlay.

Finish

Satin anodized or white polyester powder paint. Satin anodized finish consists of satin anodized housing, clear-coated aluminum baffles and end caps painted C110 to match. Note that clear-coated aluminum baffles retain the slight imperfections and characteristics of the raw aluminum source material. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8' and 12'. For total luminaire length, add 1 3/8" for each end cap. Using internal joiners 4', 8', and 12' sections can be joined to form longer rows. Individual 2' and 3' units also available, consult factory

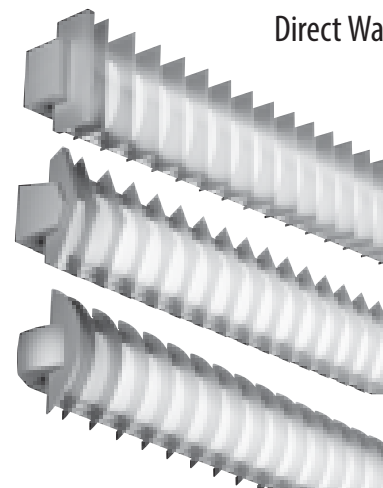
ICETRAY®

Direct Wall

IRDW8

ICDW8

IADW8

**ORDERING INFORMATION**

Specifications subject to change.

Example: IADW8 1 28T5 OPI 24FT R8 120 GEB10 SCT LP841 C100

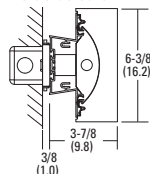
Luminaire	Number of lamps in cross section	Lamp type	Shielding	Luminaire row length	Maxium section length	Voltage	Ballast type	Number of emergency modules
IRDW8	1	28T5 28W T5	OPI Intermediate brightness opal diffuser	X FT 4' increments	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
IADW8		54T5HO 54W T5HO	OPD Standard brightness opal diffuser		R8 8' section(s)	277	OS5C* Osram Line or 0-10V (T8)	1SE 1 section
ICDW8		32 32W T8			R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
							ADZT* Advance Mark 7 0-10V dim	XSE X sections
							DMHL3D* Lutron Hi-Lume dim	
							*Not available in 347V.	
							Reference Ballast Wizard on website or consult factory for other options.	

Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit		L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	GLR Fusing (fast blow)
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	GMF Fusing (slow blow)
EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		NYC New York City code
		LP841 4100K 80+ CRI		
		Available with T5 only:		
		LP830P 3000K 80+ CRI Premier		
		LP835P 3500K 80+ CRI Premier		
		LP841P 4100K 80+ CRI Premier		
		Reference Lamp Chart on website or consult factory for other options.		

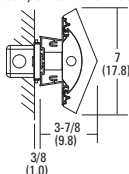
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

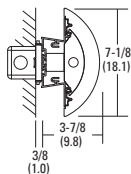
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



IRDW8 Rectangular Wall



IADW8 Angular Wall

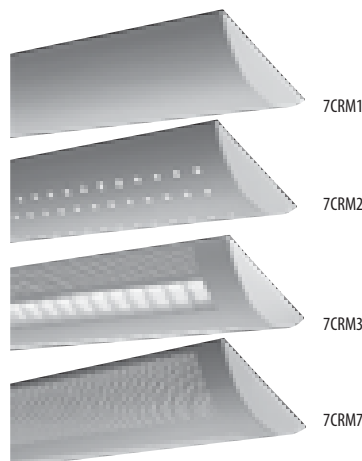


ICDW8 Curved Wall

Configurations

Tenon inside, outside "L" and straight connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

CERRA® 7



Construction

Nominal 7" x 2" crescent housing is formed from one-piece cold-rolled steel. Flat end plate standard. Sculptured die-cast aluminum end cap is optional.

Reflectors

7CRM1, 7CRM2, 7CRM7: Die-formed highly reflective white or specular reflector. 7CRM3: Reflecting surfaces have white finish (nominal 90% reflectance).

Shielding

7CRM2: Die-punched 1/4" square windows on lower housing with acrylic opal diffuser overlay. 7CRM3: White painted steel baffles with acrylic opal diffuser overlay. Die-punched perforations on upper housing with acrylic opal diffuser overlay. 7CRM7: Die-punched perforations on lower housing with acrylic opal diffuser overlay.

Finish

Fine-textured, white or aluminum polyester powder paint. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8', and 12' (nominal suspension spacing for 7CRM3). For total luminaire length, add 1/16" for each flat end plate or 3" for each sculptured end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see specification sheets on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: 7CRM1 2 54T5HO WHR 40FT R12 277 GEB10 DCT LP835 F1/18 C210 SCEP

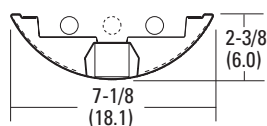
Luminaire	Number of lamps in cross section	Lamp type	Reflector	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
7CRM1	1	28T5 28W T5	WHR White reflector (standard)	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
7CRM2	2	54T5HO 54W T5HO		4' increments	R8 8' section(s)	277	OSDIM* Osram 0-10V dim (T5HO)	1SE 1 section
7CRM3	3		SPR Specular reflector (Not available for 7CRM3)		R12 12' section(s)	347 (Not available with T5 lamps)	ADEZ* Advance Mark 10 dim (T5HO)	2SE 2 sections
7CRM7							ADZT* Advance Mark 7 0-10V dim	XSE X sections
							DMHL3D* Lutron Hi-Lume dim	
*Not available in 347V Reference Ballast Wizard on website or consult factory for other options.								

Emergency type*	Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C110 Painted aluminum (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit	DCT Dual circuit	LP830 3000K 80+ CRI		15 15"		BLK Black cord, cord manager and canopy
EL Emergency battery pack (Not available in 347V)		LP835 3500K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	18 18"	C210 White white (fine-textured low gloss)	CP Chicago plenum (available with F1A only)
		LP841 4100K 80+ CRI		21 21"		DL Damp location label
		Available with T5 only:		24 24"		DU Dust cover (may not be available for all units)
EN Emergency battery pack w/night light circuit (Not available in 347V)		LP830P 3000K 80+ CRI Premier	F2/ Hard ceiling (horizontal J-box)	XX XX"	C099 Custom finish	GLR Fusing (fast blow)
		LP835P 3500K 80+ CRI Premier		Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
		LP841P 4100K 80+ CRI Premier				MCS Matching feed canopy at support
*EN, EL and EC are installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		Reference Lamp Chart on website or consult factory for other options.				NEPP5D nLight enabled control module per row/zone
						NYC New York City code
						OJB Offset junction box
						SCEP Sculptured end cap
						SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations



Cast tenon corners, "T" and "X" connectors and tenons available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Nominal 10" x 3" crescent housing is formed from one-piece cold-rolled steel. Flat end plate standard. Sculptured die-cast aluminum end cap is optional.

Reflectors

10CRM1, 10CRM2, 10CRM6: Die-formed highly reflective white or specular reflector. 10CRM3: Reflecting surfaces have white finish (nominal 90% reflectance).

Shielding

10CRM2: Die-punched 3/8" square windows on lower housing with acrylic opal diffuser overlay. 10CRM6, 10CRM7: Die-punched perforations on housing with acrylic opal diffuser overlay. 10CRM3: White painted steel baffles with acrylic opal diffuser overlay (for 10CRM3 T5). Die-punched perforations on upper housing with acrylic opal diffuser overlay.

Finish

Fine-textured, white or aluminum polyester powder paint. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8', and 12' (nominal suspension spacing for 10CRM3). For total luminaire length, add 1/16" for each flat end plate or 3" for each sculptured end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see specification sheets on website for details and option code.

CERRA® 10

10CRM1

10CRM2

10CRM3

10CRM6

10CRM7 SCEP

ORDERING INFORMATION

Specifications subject to change.

Example: 10CRM1 2 32 WHR 40FT R8 120 GEB10 DCT C110

Luminaire	Number of lamps in cross section	Lamp type	Reflector	Luminaire row length	Maximum section length	Voltage	Ballast type
10CRM1	1 2 3 4	32 32W T8	WHR White reflector (standard) SPR Specular reflector (Not available for 10CRM3)	X FT 4' increments	R4 4' section(s) R8 8' section(s) R12 12' section(s)	120 277 347	GEB10 <10% THD Electronic OS5C* Osram Line or 0-10V (T8) ADEZ* Advance Mark 10 dim (T8, T5H0) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim *Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.
10CRM2	2 3 4	32 32W T8					
10CRM3	1 2 3	28T5 28W T5 54T5H0 54W T5H0					
10CRM3	2 3 4	32 32W T8					
10CRM6	2	32 32W T8					
10CRM7	2 3 4	32 32W T8					

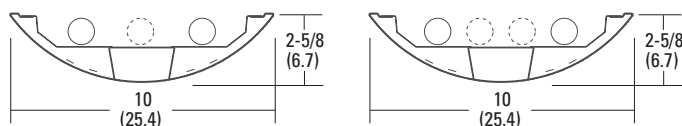
Emergency type*	Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C110 Painted aluminum (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.		15 15"		BLK Black cord, cord manager and canopy (not available with F3)
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	18 18"		CP Chicago plenum (available with F1A only)
		LP835 3500K 80+ CRI		21 21"	C210 White (fine-textured low gloss)	DL Damp location label
		LP841 4100K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	24 24"		DU Dust cover (not available with 3- or 4-lamp T5/T5H0)
EN Emergency battery pack w/night light circuit (Not available in 347V)		Available with T5 only:	F3/ Rigid stem	XX XX"	C099 Custom finish	GLR Fusing (fast blow)
		LP830P 3000K 80+ CRI Premier		Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
		LP835P 3500K 80+ CRI Premier				MCS Matching feed canopy at support
		LP841P 4100K 80+ CRI Premier				NEPPSD nLight enabled control module per row/zone
						NYC New York City code
						SCEP Sculptured end cap
						SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

*EN, EL and EC are installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Reference [Lamp Chart](#) on website or consult factory for other options.

ADDITIONAL INFORMATIONFor additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Configurations**

Cast corner and tenon connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

CERRA® ID



10CRM4

Construction

Nominal 10" x 3" crescent housing is formed from one-piece cold-rolled steel. Flat end plate standard. Sculptured die-cast aluminum end cap is optional.

Reflectors

Die-formed highly reflective white or specular reflector.

Shielding

SSB—Parabolic aluminum baffle with semi specular finish

SBL—Steel straight blade baffle

PPL—Perforated steel straight blade baffle

WPB—Parabolic aluminum baffle with white finish

Finish

Fine-textured, white or aluminum polyester powder paint.

Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG fixture wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for nominal suspension spacing of 4', 8', and 12'. For total luminaire length, add 1/16" for each flat end plate or 4" for each sculptured end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: 10CRM4 2 28T5 WHR SSB 40FT R12 277 GEB10 DCT LP835 F1/18 SCEP

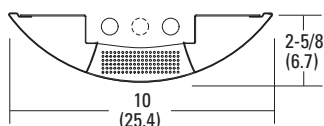
Luminaire	Number of lamps in cross section	Lamp type	Reflector	VDR	Baffle	Luminaire row length	Maximum section length	Voltage	Ballast type
10CRM4	1	28T5 28W T5	WHR White reflector (standard)	40/60 40% Up, 60% Down	SSB Semi specular	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic
	2	54T5HO 54W T5HO		20/80 20% Up, 80% Down	SBL White steel blade	4' increments	R8 8' section(s)	277	ADEZ* Advance Mark 10 dim (T8, HOT5)
	3	32 32W T8	SPR Specular reflector	0/100 0% Up, 100% Down	PPL White perforated steel baffle		R12 12' section(s)	347	DMHL3D* Lutron Hi-Lume dim
			Refer to photometric test for exact distribution.	CLI Center Lamp Isolator (Available with 3-lamp cross section only)	WPB White Baffle (pre-finished or painted)				ADZT Advance Mark 7 0-10V dim
									*Not available in 347V Reference Ballast Wizard on website or consult factory for other options.

Number of emergency modules	Emergency type*	Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
(blank) None	(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C110 Painted aluminum (low gloss)	ACG Adjustable cable grippers
1SE 1 section	EC Emergency circuit		L/LPE No lamp. Wired for energy saving lamps		15 15"		BLK Black cord, cord manager and canopy (not available with F3)
2SE 2 sections		DCT Dual circuit			18 18"		CP Chicago plenum (available with F1A only)
XSE X sections	EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	21 21"	C210 White white (fine-textured low gloss)	DL Damp location label
			LP835 3500K 80+ CRI		24 24"		DU Dust cover (not available with 3 54T5HO)
			LP841 4100K 80+ CRI		XX XX"		GLR Fusing (fast blow)
	EN Emergency battery pack w/ night light circuit (Not available in 347V)		Available with T5 only:	F2/ Hard ceiling (horizontal J-box)	Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
			LP830P 3000K 80+ CRI Premier			C099 Custom finish	MCS Matching feed canopy at support
			LP835P 3500K 80+ CRI Premier				NEPPSD nLight enabled control module per row/zone
			LP841P 4100K 80+ CRI Premier	F3/ Rigid stem			NYC New York City code
	EL and EC are installed in last 4' of luminaire sections. Separate feed required.		Reference Lamp Chart on website or consult factory for other options.				OJB Offset junction box
							SCEP Sculptured end cap
							SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)
							XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations



Cast corner and tenon connectors available for suspended configurations.

Construction

Housing is formed from one-piece cold-rolled steel. Flat end plate standard. Sculptured die-cast aluminum end cap is optional.

Reflectors

Die-formed highly reflective white or specular reflector.

Shielding

CRW2: Die-punched 3/8" square windows on lower housing with acrylic opal diffuser overlay. CRW3: Die-punched perforated window on lower housing with acrylic opal diffuser overlay. CRW4: Window opening with straight blade baffle and white opal overlay. CRW7: Die-punched perforations on lower housing with acrylic opal diffuser overlay.

Finish

Fine-textured, white or aluminum polyester powder paint. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

CRW1 T5/T5HO, CRW2 T5/T5HO: Nominal 4', 8', and 12' sections form row lengths. Actual section length is 11 5/8" per nominal foot specified. For total run length, add 1/16" for each flat end plate or 4" for each sculptured end cap. For longer run lengths, sections are attached using internal joiners. Consult factory for 2' and 3' individual sections. CRW1 T8, CRW2 T8, CRW3, CRW4, CRW7: Nominal 4', 8', and 12' sections form row lengths. Consult factory for 2' and 3' sections. For total run length, add 1/16" for each flat end plate or 4" for each sculptured end cap. For longer run lengths, sections are attached using internal joiners.

CERRA® WALL

CRW1

CRW2

CRW3

CRW4

CRW7

ORDERING INFORMATION

Specifications subject to change.

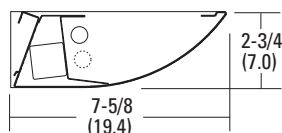
Example: CRW1 1 54T5HO WHR 40FT R12 277 GEB10 SCT LP835 C210 SCEP

Luminaire	Number of lamps in cross section	Lamp type	Reflector	Shielding (CRW4 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
CRW1	1	28T5 28W T5	WHR White reflector (standard)	(blank) Standard Perforation	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
CRW2	2	54T5HO 54W T5HO	SPR Specular reflector	Perf Continuous Perforation Top Edge (CRW4 only)	4' increments	R8 8' section(s)	277	OSSC* Osram Line or 0-10V (T8)	1SE 1 section
CRW3	32	32W T8				R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
CRW4								DMHL3D* Lutron Hi-Lume dim	XSE X sections
CRW7								*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	

Emergency type*	Switching	Lamp color	Finish	Shielding	Options
(blank) None	SCT Single circuit	L/LP No lamp	WHR White reflector (standard)	C110 Painted aluminum (low gloss)	DL Damp location label
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.			DU Dust cover
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	SPR Specular reflector	C210 White white (fine-textured low gloss)	GLR Fusing (fast blow)
EN Emergency battery pack w/night light circuit (Not available in 347V)		LP835 3500K 80+ CRI			GMF Fusing (slow blow)
		LP841 4100K 80+ CRI		C099 Custom finish	SCEP Sculptured end cap
*EL and EC are installed in last 4' of luminaire sections and are not available concurrently with each other. Separate feed required for each EL or EC unless ELH is specified.		Available with T5 only:			
		LP830P 3000K 80+ CRI Premier			
		LP835P 3500K 80+ CRI Premier			
		LP841P 4100K 80+ CRI Premier			
		Reference Lamp Chart on website or consult factory for other options.			

ADDITIONAL INFORMATIONFor additional product information, visit www.peerlesslighting.com.

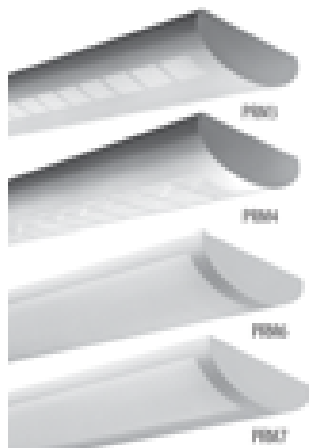
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Configurations**

Cast aluminum tenon, inside and outside "L" connectors available for wall configurations. Additional pattern connector details available at PeerlessLighting.com.

PRODUCT INFORMATION

PRIMA®

**Construction**

9" x 3" one-piece cold-rolled steel housing with flat end plate.

Reflectors

Die-formed highly reflective white or specular reflector.

Shielding

PRM3: Die-punched perforated hole pattern.

PRM4: Semi-specular parabolic aluminum baffles.

PRM6 and PRM7: Die-punched perforations on housing.

Finish

Fine-textured, white or aluminum paint. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8', and 12'. For total luminaire length add 1/16" for each end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer-length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Example: PRM1 1 32 WHR 40FT R12 120 GEB10 2SE EL SCT LP835 F1/24 C518

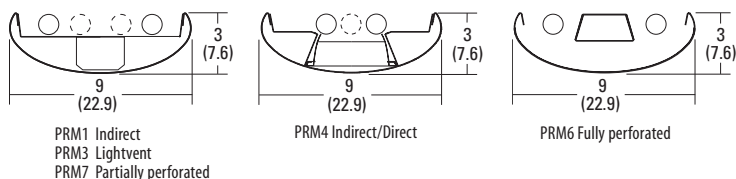
Luminaire	Number of lamps	Lamp type	Reflector	Baffle (PRM4 only)	Shielding (PRM4 only)	Luminaire row length	Maximum section length	Voltage	Ballast	Number of emergency modules
PRM1	1 2 3 4	32 32W T8	WHR White reflector (standard) SPR Specular reflector	SSB Semi-specular WPB White painted baffle	OPD Baffle with standard brightness opal diffuser overlay	X FT 4' increments	R4 4' section(s) R8 8' section(s) R12 12' section(s)	120 277 347	GEB10 <10% THD Electronic ADEZ* Advance Mark 10 dim (T8, T5HO) ADZT* Advance Mark 70 10V dim DMHL3D* Lutron Hi-Lume dim	(blank) None 1SE 1 section 2SE 2 sections XSE X sections
PRM3	2	32 32W T8							*Not available in 347V.	
PRM7	3 4								Reference Ballast Wizard on website or consult factory for other options.	
PRM4	1 2 3	28T5 28W T5 54T5HO 54W T5HO 32 32W T8								
PRM6	2	32 32W T8								

Emergency*	Switching	Lamp color	Mounting	Overall suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp L/LPE No lamp.	F1/ T-bar ceiling (universal mounting bracket)	12 12" 15 15" 18 18" 21 21"	C110 Painted aluminum (low gloss)	ACG Adjustable cable grippers BLK Black cord, cord manager and canopy (not available with F3) CP Chicago plenum (available with F1A only) DL Damp location label
EC Emergency circuit	DCT Dual circuit	LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI	F1A/ T-bar ceiling (UMB with)	24 24" XX XX	C518 White (fine-textured low gloss)	DU Dust cover GLR Fusing (fast blow) GMF Fusing (slow blow)
EL Emergency battery pack (Not available in 347V)		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier	XX XX" integrated J-box)		C099 Custom finish	NYC New York City code NEPP5D nLight enabled control module per row/zone MCS Matching feed canopy at support
EN Emergency battery pack w/ night light circuit (Not available in 347V)			F2/ Hard ceiling (horizontal J-box)			OJB Offset junction box SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
*EL and EC are installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		Reference Lamp Chart on website or consult factory for other options.	F3/ Rigid stem			XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Construction

Housing is extruded aluminum forming a 9 7/8" x 2 3/4" profile. Die-cast end caps are mechanically attached with no exposed fasteners.

Reflectors

Die-formed, hammertone specular aluminum.

Shielding

Satin aluminum parabolic baffles with luminous edges and VisorOptic™ opal diffuser lamp shield (T5HO only).

Finish

Satin anodized or white paint standard; custom colors available.
Design detail: black perforated side strips.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8' and 12' lengths in a single section for exact suspension spacing of 4', 8', and 12'. For total luminaire length, add 4 1/4" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer rows.

MIRAGE®**ORDERING INFORMATION**

Specifications subject to change.

Example: MRM4 154T5HO 36FT R12 120 GEB10 2SE EL SCT LP835 C041

Luminaire	Number of lamps in cross section	Lamp type	Baffle	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules	Emergency types*
MRM4	1	54T5HO 54W T5HO	SSB Semi-specular baffle	XFT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None	(blank) None
	2	32 32WT8		4' increments	R8 8' section(s)	277	ADEZ* Advance Mark 10 dim	1SE 1 section	EC Emergency circuit
					R12 12' section(s)	347	ADZT* Advance Mark 7 0-10V dim	2SE 2 sections	EL Emergency battery pack (Not available in 347V)
								XSE X sections	EN Emergency battery pack w/night light circuit (Not available in 347V)
*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.							*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.		

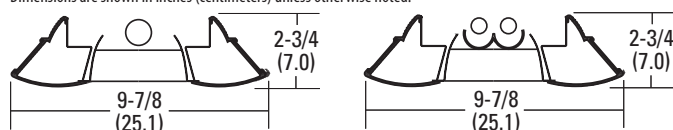
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C041 White white (low gloss)	ACG Adjustable cable grippers
DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	F1A/ T-bar ceiling (UMB with integrated J-box)	15 15"	C100 Satin anodized finish	BLK Black cord, cord manager and canopy
	LP830 3000K 80+ CRI		18 18"		CP Chicago plenum (available with F1A only)
	LP835 3500K 80+ CRI		21 21"		DL Damp location label
	LP841 4100K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	24 24"	C099 Custom finish	GLR Fusing (fast blow)
Reference Lamp Chart on website or consult factory for other options.			XX XX		GMF Fusing (slow blow)
			Overall suspension is measured from ceiling to bottom of luminaire.		MCS Matching feed canopy at support
					NYC New York City code
					OJB Offset junction box
					SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



MRM4 with VisorOptic™

Configurations

Aluminum cast corners available. Additional pattern connector details available at PeerlessLighting.com.

LIGHTFOIL® 2 & 3



Construction

Housing and cylinder are extruded aluminum. Foil is Reynobond® (Alcoa) composite consisting of two sheets of corrosion resistant aluminum laminated to an extruded thermoplastic core material.

Finish

Foil is available in bronze, silver and white. Housing and cylinders are painted in complementary beige, aluminum and white.

Luminaire Length

21-5/8", 43", 53" 65" and 76" individual fixture sections with cylinders. 16", 35", 45" 57" and 69" individual fixture sections without cylinders.

Reflectors

Die-formed pre-finished white steel, hammertone specular aluminum and specular aluminum.

ORDERING INFORMATION

Specifications subject to change.

Example: LF2FW 2 24T5HO U3 277 GEB10 SCT LP830 C223

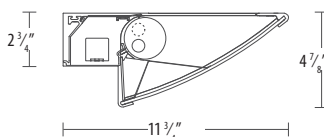
Series	Number of lamps	Lamp type		Luminaire row length	Voltage	Ballast		Emergency type* (Not available for Sconce)	
LF2FW	1,2	24T5HO	24W 2' T5HO	U1* 1' section(s)	120	GEB10	<10% THD Electronic	(blank)	None
LF3FW	1,3,4	39T5HO	39W 3' T5HO	U2 2' section(s)	277	ADEZ*	Advance Mark 10 dim (54T5HO only)	EC	Emergency circuit
		54T5HO	54W 4' T5HO	U3 3' sections(s)	347 (Not available for sconce)	ADZT*	Advance Mark 7 0-10V dim (28T5 or 54T5HO only)	EL	Emergency battery pack (Not available in 347V; only available with 28T5 and 54T5HO lamping)
		28T5	28W 4' T5 (3- or 4-lamp)	U4 4' sections(s)					
		21T5	21W 3' T5 (3- or 4-lamp)	*Sconce only					
		14T5	14W 2' T5 (3- or 4-lamp)			DMHL3D*	Lutron Hi-Lume dim (T5 or T5HO)	EN	Emergency battery pack w/night light circuit (Not available in 347V; only available with 28T5 and 54T5HO lamping)
		42TRT*	Sconce (1-lamp LF2FW only)			*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.			
		57TRT*	Sconce (1-lamp LF3FW only)						
		*Not available in 347V.						*EL, EN, and EC only available with SCT.	
Switching		Lamp color		Finish		Options			
SCT	Single circuit	L/LP	No lamp	C222	Bronze	DL	Damp location label		
DCT	Dual circuit (Not available for Sconce)	LP830	3000K 80+ CRI	C223	Silver metallic	FEP	Flat endplate (no cylinder)		
		LP835	3500K 80+ CRI	C224	Bone white	GLR	Fusing (fast blow)		
		LP841	4100K 80+ CRI			GMF	Fusing (slow blow)		
		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier Reference Lamp Chart on website or consult factory for other options.							

ADDITIONAL INFORMATION

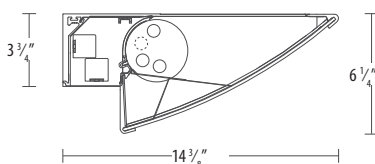
For additional product information, visit www.peerlesslighting.com.

LAMP TYPE	LENGTH	LENGTH WITH CYLINDERS
42RT OR 57	16"	21-5/8"
14T5, 24T5HO	35"	43"
21T5, 39T5HO	45"	53"
28T5, 54T5HO	57"	65"

Drawings are for dimensional detail and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

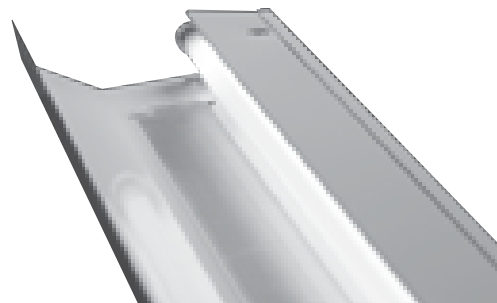


LF2FW Lightfoil 2
2', 3', 4' versions (1, 2) T5, T5HO
1' sconce (1) 42W TRT compact fluorescent



LF3FW Lightfoil 3
2', 3', 4' versions (2, 3, 4) T5, T5HO
1' sconce (1) 57W TRT compact fluorescent

PEERLESS COVE



Construction

Pre-finished cold-rolled sheet steel housing forms a 6 1/8" x 1 7/8" (HCM5) rectangular channel. One-piece cold rolled sheet steel housing with die-formed end plate forms a 7 1/4" x 3 3/4" (7ECXM5) and 8 3/4" x 2 3/4" (9ECXM5) rectangular channel.

Reflectors

HCM5: Die-formed, white reflector with a minimum 85% reflectance. Optical system includes micro-prismatic, 100% virgin acrylic optical lens. 7ECXM5/9ECXM5: Reflectors combine hammertone specular aluminum and baked white enamel (nominal reflectance 86%). Optical system includes micro-prismatic, 100% virgin acrylic optical lens.

Finish

White painted.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

Available in nominal 2', 3', 4', and 8' sections.

ORDERING INFORMATION

Specifications subject to change.

Example: HCM5 1 39T5HO U3 120 GEB10 LP835 GLR

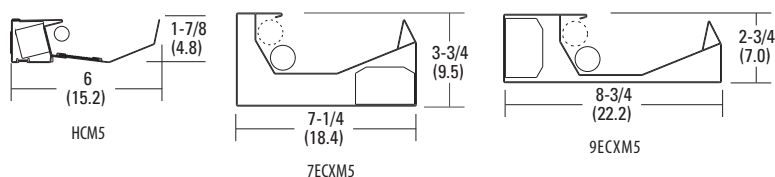
Luminaire	Number of lamps in cross section	Lamp type		Luminaire row length		Voltage	Ballast type		Number of emergency modules	
HCM5*	1	54T5HO	4' 54W T5HO	U2	2' section(s)	120	GEB10	<10% THD Electronic	(blank)	None
		39T5HO	3' 39W T5HO	U3	3' section(s)	277	OS5C*	Osram Line or 0-10V (32)	1SE	1 section
		24T5HO	2' 24W T5HO	U4	4' section(s)	347	ADEZ*	Advance Mark 10 dim (32, 54T5HO)	2SE	2 sections
		28T5	4' 28W T5	U8	8' section(s)	MVOLT (Not for use when specifying battery pack)	ADZT*	Advance Mark 7 0-10V dim (32, 28T5, 54T5HO)	XSE	X sections
		21T5	3' 21W T5				DMHL3D*	Lutron Hi-Lume dim		
		14T5	2' 14W T5				*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.			
7ECXM5	1	32	4' T8							
9ECXM5	2	25	3' T8							
		17	2'T8							

Emergency type*	Switching	Lamp color	Options
(blank) None	SCT Single circuit	L/LP No lamp	DL Damp location label
EC Emergency circuit	DCT Dual circuit (7ECXM5, 9ECXM5 only)	L/LPE No lamp. Wired for energy saving T8 lamps.	DU Dust cover
EL Emergency battery pack (Not available with U2 or U3; not available in 347V)		LP830 3000K 80+ CRI	GLR Fusing (fast blow)
EN Emergency battery pack w/night light circuit (Not available with U2 or U3; not available in 347V)		LP835 3500K 80+ CRI	GMF Fusing (slow blow)
		LP841 4100K 80+ CRI	NYC New York City code
			RIF2 Radio interference filter
*Not for use when specifying battery pack; not available for T8.		Available with T5 only:	
		LP830P 3000K 80+ CRI Premier	
		LP835P 3500K 80+ CRI Premier	
		LP841P 4100K 80+ CRI Premier	
		Reference Lamp Chart on website or consult factory for other options.	

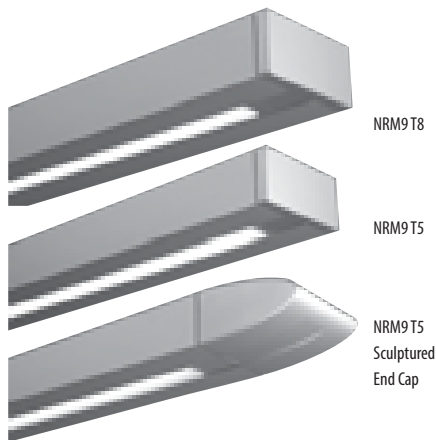
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



NARO



Construction

Nominal 4 1/2"W x 2 1/4"H (T5/T5HO) and 5 1/4"W x 2 3/4"H (T8) extruded aluminum housing. Die-cast aluminum end caps are mechanically attached with no exposed fasteners.

Reflectors

Semi-specular high reflectance aluminum or high reflectance white painted steel. Select semi-specular (SPR) for a wide distribution and maximum row spacing. Select white (WHR) for narrow applications (i.e. corridors) to soften side wall shadows.

Shielding

Frosted acrylic diffuser.

Finish

White, polyester powder painted or satin anodized. Satin anodized consists of satin anodized housing with end caps painted C110 (aluminum) to match. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4' and 8' lengths in a single section. For total luminaire length add 1/2" for each standard end cap or 4-1/2" for each sculptured end cap (T5/T5HO only). Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, protective luminaire bag.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, consult factory for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: NRM9 2 28T5 SPR FST 40FT R8 277 GEB10 DCT LP835 F1/18 C100

Luminaire	Number of lamps in cross section	Lamp type	Reflector	Shielding	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
NRM9	1 2 3	28T5 28W T5 54T5HO 54W T5HO	SPR Specular reflector WHR White reflector	FST Frosted diffuser	X FT 4' increments	R4 4' section(s) R8 8' section(s)	120 277 347 (Not available with 28T5)	GEB10 <10% THD Electronic OSSC* Osram Line or 0-10V (T8) ADEZ* Advance Mark 10 dim (T8, T5HO) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim	(blank) None 1SE 1 section 2SE 2 sections XSE X sections
NRM9	1 2	32 32W T8							

*Not available in 347V.
Reference [Ballast Wizard](#) on website or consult factory for other options.

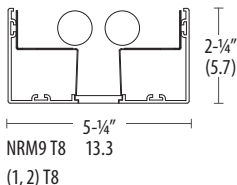
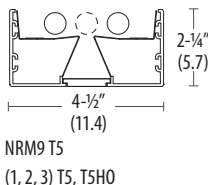
Emergency type*	Switching	Lamp color	Mounting type	Overall Suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling	12 12"	C041	ACG Adjustable cable grippers
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps	(universal mounting bracket)	15 15"	White white (low gloss)	BLK Black cord, cord manager and canopy (not available with F3)
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	18 18" 21 21" 24 24" XX XX"	C100 Satin anodized finish	CP Chicago plenum (available with F1A only) DL Damp location label DU Dust cover (not available with 3-lamp T5HO)
EN Emergency battery pack w/ night light circuit (Not available in 347V)		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier	F2/ Hard ceiling (horizontal J-box)	Overall suspension is measured from ceiling to bottom of luminaire.	C099 Custom finish	GLR Fusing (fast blow) GMF Fusing (slow blow) MCS Matching feed canopy at support
		Reference Lamp Chart on website or consult factory for other options.	F3/ Rigid stem			NEPPSD nLight enabled control module per row/zone OJB Offset junction box SCEP Sculptured end cap (available with T5/T5HO only) SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations



Mitered corner, "X" and "T" connectors available for suspended configurations (T5/T5HO only). Additional pattern connector details available at PeerlessLighting.com.

NARO

WALL

Construction

Nominal 4 1/2"W x 2 1/4"H (T5/T5HO) and 5 1/4"W x 2 3/4"H (T8) extruded aluminum housing. Die-cast aluminum end caps are mechanically attached with no exposed fasteners

Reflectors

Die-formed, white pre-finished steel and prismatic kicker lens (T5/T5HO).

Shielding

Frosted acrylic diffuser.

Finish

White, polyester powder paint or satin anodized. Satin anodized finish consists of satin anodized housing with end caps painted C110 (aluminum) to match. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

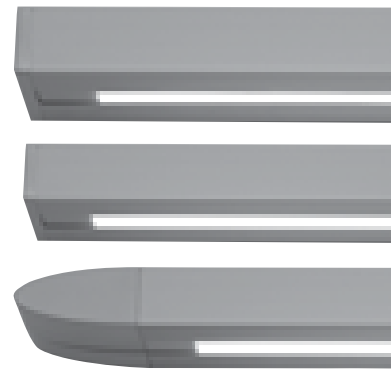
4', 8', and 12' lengths in a single section. For total luminaire length add 1/2" for each standard end cap or 4 1/2" for each sculptured end cap (T5/T5HO only). Using internal joiners, 4', 8' and 12' sections can be joined to form longer rows.

Eco-Friendly Packaging

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, protective luminaire bag.

NRW9 T8

NRW9 T5

NRW9 T5
Sculptured
End Cap

ORDERING INFORMATION

Specifications subject to change.

Example: NRW9 1 28T5 WHR FST 40FT R8 277 GEB10 SCT LP835 C100

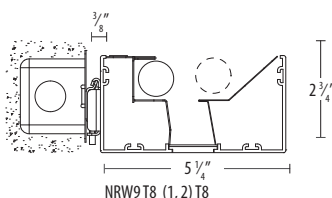
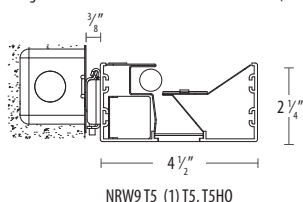
Luminaire	Number of lamps in cross section	Lamp type	Reflector	Shielding	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
NRW9	1 2 (T8 only)	28T5 28W T5 54T5HO 54W T5HO 32 32W T8	WHR White reflector	FST Frosted diffuser	X FT 4' increments	R4 4' section(s) R8 8' section(s) R12 12' section(s)	120 277 347 (Not available with T5)	GEB10 <10% THD Electronic OS5C* Osram Line or 0-10V (T8) ADEZ* Advance Mark 10 dim (T8, T5HO) ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim *Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	(blank) None 1SE 1 section 2SE 2 sections XSE X sections *For T8, emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Emergency type*	Switching	Lamp type	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
EC Emergency circuit	DCT Dual circuit (T8 only)	L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	DU Dust cover
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	GLR Fusing (fast blow)
EN Emergency battery pack w/night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		GMF Fusing (slow blow)
		LP841 4100K 80+ CRI		NYC New York City code
				SCEP Sculptured end cap (T5/T5HO only)
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.				
Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier Reference Lamp Chart on website or consult factory for other options.				

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

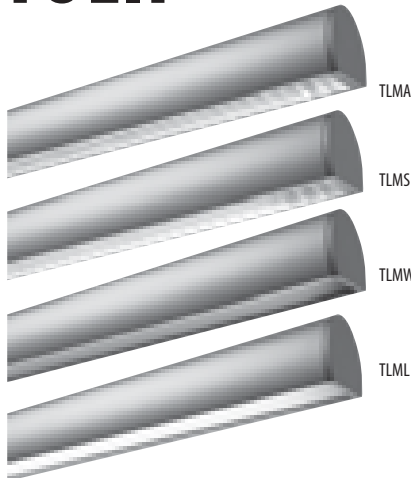
Drawings are for dimensional detail and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations

Mitered corner connector available for wall configurations (T5/T5HO only). Additional pattern connector details available at PeerlessLighting.com.

TULIP

**Construction**

Extruded aluminum housing forms a 3 5/8" x 4" curved channel. Die-cast aluminum end caps are mechanically attached with no exposed fasteners.

Reflectors

TLMW: Specular asymmetric reflector system with black perforated metal diffuser. TLMA, TLMS, TLML: High reflectance white painted reflector system.

Shielding

TLMA, TLMS: Arc-shaped, parabolic low iridescent semi-specular or white painted aluminum louver. TLML: Softshine® high performance lens controls light distribution. Uniform luminance along the length of the lens is achieved with staggered lamps.

Finish

Satin anodized or white low gloss paint. With satin anodized option, housing is satin anodized and end caps are painted to match. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory.

Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

TLMA, TLMS, TLMW: 4', 8' and 12' lengths in a single section for exact suspension spacing of 4', 8' and 12'. For total luminaire length, add 3/8" for each end cap or 1" for each sculptured end cap (SCEP) when F3 stem mount or option ELS2 is specified. Using internal joiners, 4', 8' and 12' sections can be joined to form longer rows. TLML: Stand alone sections are 3'10" (R4), 7'3" (R8), and 10'8" (R12). Rows are comprised of starter, joiner and end sections of various lengths. Refer to planning guide on website for details. For total luminaire length, add 3/8" for each end cap or 1" for each sculptured end cap (SCEP) when F3 stem mount or option ELS2 is specified.

Eco-Friendly Packing

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, protective luminaire bag.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: TLMA 1 28T5 SSB 40FT R8 120 GEB10 SCT LP835 F1/18 C100

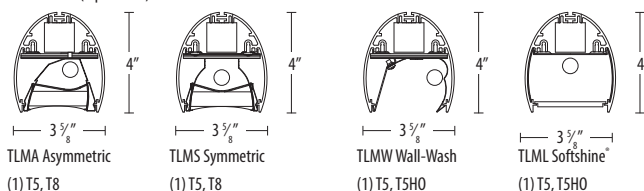
Luminaire	Number of lamps in cross section	Lamp type	Shielding	Luminaire row length	Maximum section Length	Voltage	Ballast type	Number of emergency modules
TLMA	1	28T5 28W T5	SSB Semi specular baffle (TLMA, TLMS)	For TLMA, TLMS, TLMW: X FT 4' increments	R4 4' section(s)	120	GEB10 <10% THD Electronic (All)	(blank) None
TLMS		54T5HO 54W T5HO (Not available with TLMA, TLMS)	WPB White painted baffle (TLMA, TLMS)	For TLML: 3FT10IN Individual (R4)	R8 8' section(s)	277	OSSC* Osram Line or 0-10V (T8)	1SE 1 section
TLMW			SSH Softshine lens (TLML)	7FT3IN Individual (R8)	R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
TLML				10FT8IN Individual (R12)			AD2T* Advance Mark 7 0-10V dim (All)	XSE X sections
	32	32W T8 (TLMA, TLMS only)					DMHL3D* Lutron Hi-Lume dim (All)	
							*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	

Emergency type*		Switching		Lamp color		Mounting type		Overall suspension		Finish		Options		
(blank)	None	SCT	Single circuit	L/LP	No lamp	F1/	T-bar ceiling (universal mounting bracket)	12	12"	C041	White	ACG	Adjustable cable grippers	
EC	Emergency circuit			L/LPE	No lamp. Wired for energy saving T8 lamps.			15	15"		white (low gloss)	BLK	Black cord, cord manager and canopy (not available with F3)	
EL	Emergency battery pack (Not available in 347V)							18	18"			CP	Chicago plenum (available with F1A only)	
				LP830	3000K 80+ CRI	F1A/	T-bar ceiling (UMB with integrated J-box)	21	21"		C100	Satin anodized finish	DL	Damp location label
				LP835	3500K 80+ CRI			24	24"			GLR	Fusing (fast blow)	
EN	Emergency battery pack w/ night light circuit (Not available in 347V)			LP841	4100K 80+ CRI	F2/	Hard ceiling (horizontal J-box)	XX	XX"		C099	Custom finish	GMF	Fusing (slow blow)
								Overall suspension is measured from ceiling to bottom of luminaire.				MCS	Matching feed canopy at support	
				Available with T5 only:								NYC	New York City code	
				LP830P	3000K 80+ CRI Premier							OJB	Offset junction box	
				LP835P	3500K 80+ CRI Premier							SLP	Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)	
				LP841P	4100K 80+ CRI Premier							XXXX	Smart luminaire (see note above)	
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.						Reference Lamp Chart on website or consult factory for other options.								

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Configurations



Mitered "L", "X" and "T" connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

TULIP

WALL

Construction

Extruded aluminum housing forms a 3 5/8" x 4" curved channel. Die-cast aluminum end caps mechanically attach with no exposed fasteners. Extended arm mount (option "X") is extruded aluminum and die-cast aluminum, extending 21".

Reflectors

TLWW: Specular asymmetric reflector system with black perforated metal diffuser. TLWA, TLWS, TLWL: High reflectance white painted reflector system.

Shielding

TLWA, TLWS: Arc-shaped, parabolic low iridescent semi-specular or white painted aluminum louver. TLWL: Softshine® high performance lens controls light distribution. Uniform luminance along the length of the lens is achieved with staggered lamps.

Finish

Satin anodized or white low gloss paint. With satin anodized option, housing is satin anodized and end caps are painted to match. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

TLWA, TLWS, TLWW: 4', 8', and 12' lengths in a single section. For total luminaire length, add 3/8" for each end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer length luminaires. Individual 2' and 3' luminaires also available. TLWL: Stand alone sections are 3'10" (R4), 7'3" (R8), and 10'8" (R12). Rows are comprised of starter, joiner and end sections of various lengths. Refer to planning guide on website for details. For total luminaire length, add 3/8" for each end cap.

Eco-Friendly Packing

100% post-consumer recycled cardboard box, 100% recycled cardboard cradles and kraft paper tape. Biodegradable, retective luminaire bag.

TLWA



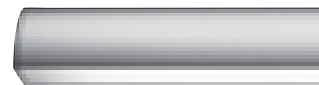
TLWS



TLWW



TLWL



ORDERING INFORMATION

Specifications subject to change.

Example: TLWA D 1 28T5 SSB 40FT R8 277 GEB10 SCT LP835 C100

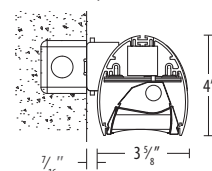
Luminaire	Mounting Type	Number of lamps in cross section	Lamp type	Shielding	Luminaire row length	Maximum Section Length	Voltage	Ballast Type
TLWA	D Wall spacer	1	28T5 28W T5	SSB	For TLWA, TLWS, TLWW: X FT 4' increments	R2 2' individual unit (Not available on TLWL)	120	GEB10 <10% THD Electronic (All)
TLWS	X 21" extended arm mount		54T5HO 54W T5HO		For TLWL: 3FT10IN Individual (R4)	R3 3' individual unit (Not available on TLWL)	277	OS5C* Osram Line or 0-10V (T8)
TLWW			32W T8 (TLWA, TLWS only)	WPB	7FT3IN Individual (R8)	R4 4' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)
TLWL				SSH	10FT8IN Individual (R12)	R8 8' section(s)		ADZT* Advance Mark 7 0-10V dim (All)
						R12 12' section(s)		DMHL3D* Lutron Hi-Lume dim (All)
								*Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.

Number of emergency modules	Emergency type*	Switching	Lamp Color	Finish	Options
(blank) None	(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	DL Damp location label
1SE 1 section	EC Emergency circuit		L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	GLR Fusing (fast blow)
2SE 2 sections	EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	GMF Fusing (slow blow)
XSE X sections	EN Emergency battery pack w/ night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		NYC New York City code
			LP841 4100K 80+ CRI		
			Available with T5 only:		
			LP830P 3000K 80+ CRI Premier		
			LP835P 3500K 80+ CRI Premier		
			LP841P 4100K 80+ CRI Premier		
			Reference Lamp Chart on website or consult factory for other options.		

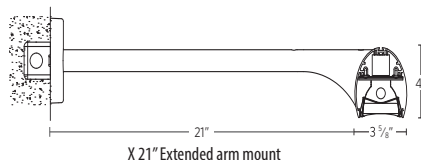
ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



TLWA Asymmetric
(1) T5, T5HO, T8

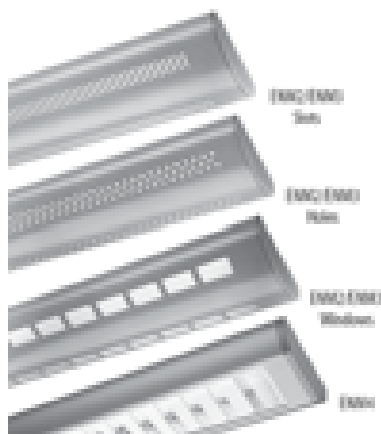


Configurations



Mitered "L", "X" and "T" connectors available for suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

ENVISION®



Construction

Housing is extruded aluminum forming a 8" x 3" curved profile. Die-cast end plate attaches with no exposed fasteners.

Shielding

ENM2, ENM3: Die-punched pattern in aluminum housing.
ENM4: Parabolic, semi-specular aluminum baffles. VisorOptic™ opal diffuser lamp shield (T5HO only).

Reflectors

Die-formed pre-painted white steel, hammertone specular aluminum and specular aluminum.

Finish

Satin anodized or white paint standard. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4' 1/4", 8', and 12' lengths in a single section for exact suspension spacing of 4', 8', and 12'. For total luminaire length add 1/2" for each end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer-length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: ENM1 1 32 40FT R12 120 GEB10 2SE EL SCT LP835 F1/24 C041

Luminaire	Number of lamps in cross section	Lamp type	Baffle (ENM4 only)	Shielding (ENM2, ENM3 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
ENM1	1 (Not available with 1ENM3)	32 32WT8	SSB Semi-specular	HOL Holes	XFT 4' increments	R4 4' section(s)	120	GEB110 <10% THD Electric (All)	(blank) None
ENM2	2		WPB White painted baffle	SLT Slots		R8 8' section(s)	277	OSSC* Osram Line or 0-10V (T8)	1SE 1 section
ENM3	3			WIN Windows		R12 12' section(s)	347	ADEZ* Advance Mark 10 dim (T8, T5HO)	2SE 2 sections
ENM4	1	28T5 28WT5						ADZT* Advance Mark 7 0-10V dim (All)	XSE X sections
ENM4	2	54T5HO 54WT5HO						DMHL3D Lutron Hi-Lume dim (All)	

*Not available in 347V.

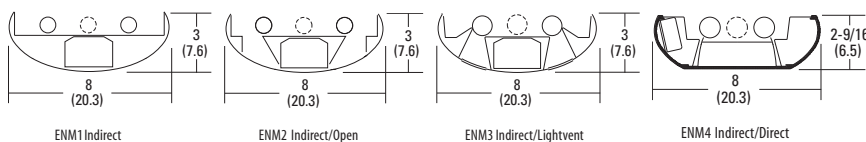
Reference [Ballast Wizard](#) on website or consult factory for other options.

Emergency type*	Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C041 White white (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit		L/LPE No lamp. Wired for energy saving T8 lamps.		15 15"		BLK Black cord, cord manager and canopy
EL Emergency battery pack (Not available in 347V)	DCT Dual circuit	LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	18 18"		CP Chicago plenum (available with F1A mtg only)
EN Emergency battery pack w/night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		21 21"	C100 Satin anodized finish	DL Damp location label
		LP841 4100K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	24 24"		DU Dust cover
		Available with T5 only:		XX XX"	C099 Custom finish	GLR Fusing (fast blow)
		LP830P 3000K 80+ CRI Premier		Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
		LP835P 3500K 80+ CRI Premier				MCS Matching feed canopy at support
		LP841P 4100K 80+ CRI Premier				NEPPSD nLight enabled control module per row/zone
		Reference Lamp Chart on website or consult factory for other options.				NYC New York City code
						OJB Offset junction box
						SLP Sloped ceiling (for 10-45°, must be specified with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Configurations



Mitered corner, "T" and "X" connectors available for ENM1, ENM2, ENM3 suspended configurations. Cast corner connectors available for ENM4 suspended configurations. Additional pattern connector details available at PeerlessLighting.com.

Construction

Housing is extruded aluminum forming a 9" x 3" curved profile.
Die-cast end plate attaches with no exposed fasteners.

Reflectors

Die-formed, pre-finished steel and hammertone specular aluminum reflector.

Finish

Satin anodized or white paint standard. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory.
Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section. For total luminaire length add 1/2" for each end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer-length luminaires. Individual 2' and 3' units also available, consult factory.

ENVISION®

Wall

**ORDERING INFORMATION**

Specifications subject to change.

Example: ENW1 01005 32 40FT R12 120 GEB10 2SE EL SCT LP835 F1/24 C041

Luminaire	Number of lamps in cross section	Lamp type	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
ENW1	0110005 1 020006 2	32 32W T8	XFT 4' increments	R2 2' section(s) R3 3' section(s) R4 4' section(s) R8 8' section(s) R12 12' section(s)	120 277 347	GEB10 <10% THD Electronic ADEZ* Advance Mark 10 dim ADZT* Advance Mark 7 0-10V dim DMHL3D* Lutron Hi-Lume dim *Not available in 347V. Reference Ballast Wizard on website or consult factory for other options.	(blank) None 1SE 1 section 2SE 2 sections XSE X sections

Emergency type*	Switching	Lamp color	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	C041 White white (low gloss)	CFG Configuration
EC Emergency circuit	DCT Dual circuit	L/LPE No lamp. Wired for energy saving T8 lamps.	C100 Satin anodized finish	DL Damp location label
EL Emergency battery pack (Not available in 347V)		LP830 3000K 80+ CRI	C099 Custom finish	DU Dust cover
EN Emergency battery pack w/night light circuit (Not available in 347V)		LP835 3500K 80+ CRI		GLR Fusing (fast blow)
		LP841 4100K 80+ CRI		GMF Fusing (slow blow)
				NYC New York City code

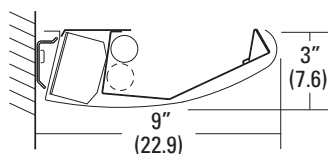
*Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified.

Reference [Lamp Chart](#) on website or consult factory for other options.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

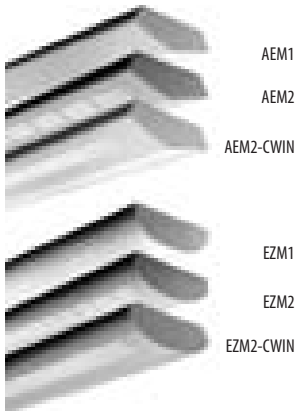
Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions (if provided) are shown in inches unless otherwise noted.

**Configurations**

Cast inside and outside corner connectors available for wall configurations.
Additional pattern connector details available at PeerlessLighting.com.

PRODUCT INFORMATION

AERO AND ENZO®



AEM1

AEM2

AEM2-CWIN

EZM1

EZM2

EZM2-CWIN

Construction

6 1/2" x 2 3/16" one-piece cold-rolled steel housing with flat end plate.

Reflectors

Die-formed highly reflective white or specular reflector.

Shielding

AEM2, EZM2: Die-punched, perforated hole pattern.

Finish

Fine-textured, white or aluminum paint. Custom colors available, consult factory.

Electrical

Specify 120V, 277V or 347V. Pre-wired with 16AWG luminaire wires. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. UL and cUL Listed.

Luminaire Length

4', 8', and 12' lengths in a single section for exact suspension spacing of 4', 8', and 12'. For total luminaire length add 1/16" for each end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer-length luminaires.

Smart Luminaire

Integrated occupancy sensing, daylight detection and/or network control available. Limitations may apply, see luminaire specification on website for details and option code.

ORDERING INFORMATION

Specifications subject to change.

Example: AEM1 1 54T5HO WHR 40FT R12 277 GEB10 2SE EL SCT LP841 F1/24 C518 GLR

Luminaire	Number of lamps in cross section	Lamp type	Reflector	Shielding (AEM2 and EZM2 only)	Luminaire row length	Maximum section length	Voltage	Ballast type	Number of emergency modules
AEM1	1	28T5 28W T5	WHR White reflector	(blank) Partial perforation	X FT	R4 4' section(s)	120	GEB10 <10% THD Electronic	(blank) None
AEM2	2	54T5HO 54W T5HO	SPR Specular reflector	CWIN Continuous perforation	4' increments	R8 8' section(s)	277	ADEZ* Advance Mark 10 dim (T5HO)	1SE 1 section
EZM1						R12 12' section(s)	347 (Not available with T5)	ADZT* Advance Mark 7 0-10V dim	2SE 2 sections
EZM2								DMHL3D* Lutron Hi-Lume dim	XSE X sections

*Not available in 347V.

Reference [Ballast Wizard](#) on website or consult factory for other options.

Emergency type*	Switching	Lamp color	Mounting type	Overall suspension	Finish	Options
(blank) None	SCT Single circuit	L/LP No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C110 Painted aluminum (low gloss)	ACG Adjustable cable grippers
EC Emergency circuit	DCT Dual circuit	LP830 3000K 80+ CRI		15 15"		BLK Black cord, cord manager and canopy
EL Emergency battery pack (Not available with U2 or U3; not available in 347V)		LP835 3500K 80+ CRI		18 18"		CP Chicago plenum (available with F1A only)
		LP841 4100K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	21 21"	C518 White (fine-textured low gloss)	DL Damp location label
EN Emergency battery pack w/night light circuit (Not available with U2 or U3; not available in 347V)		Available with T5 only: LP830P 3000K 80+ CRI Premier LP835P 3500K 80+ CRI Premier LP841P 4100K 80+ CRI Premier	F2/ Hard ceiling (horizontal J-box)	24 24"		DU Dust cover
				XX XX"	C099 Custom finish	GLR Fusing (fast blow)
				Overall suspension is measured from ceiling to bottom of luminaire.		GMF Fusing (slow blow)
						MCS Matching feed canopy at support
						NEPPSD nLight enabled control module per row/zone
						NYC New York City code
						OJB Offset junction box
						SLP Sloped ceiling (for 10-45°, must be specified along with F2, ACG and OJB options)
						XXXX Smart luminaire (see note above)

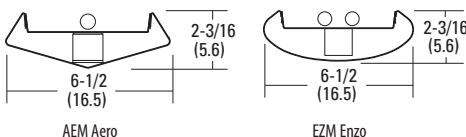
*EL and EC are installed in last 4' of luminaire sections and are not available together. Separate feed required for each EL, EC or EN unless ELH is specified.

Reference [Lamp Chart](#) on website or consult factory for other options.

ADDITIONAL INFORMATION

For additional product information, visit www.peerlesslighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



AEM Aero

EZM Enzo

Peerless[®] Quick 10-Day

NO SURCHARGE

Don't want to pay extra but still need it fast? These luminaires QuickShip within 10-days* without a surcharge.

*From date of order activation at factory. 500 ft. order limit. Standard lamps only. Emergency option limited to placement in the last 4' module of luminaire section. Hardware can be shipped in advance of luminaire shipment after 3 days of order activation. Ask your agent for details.

Luminaire	Staple Baffle SPM4QST Staple Lens SPM9QST	Prima ID PRM4QST	Naro NRM9QST	Cerra 7 Lightvent 7CRM3QST	Cerra 10 Lightvent 10CRM3 QST Cerra 10 ID 10CRM4QST	Bruno ID BRM4QST	IceTray Angular ID ICM8QST	IceTray Rectangular ID IRM8QST	IceTray Curved ID IRM8QST
T5/T5HO Lamp Type	1,2,3	1,2,3	1,2,3	1,2,3	2,3,4 (10CRM3) 1,2,3 (10CRM4)	1,2,3	1,2,3,4	1,2,3,4	1,2,3,4
T8 Lamp Type	1,2,3	1,2,3	1,2	N/A	2,3,4 (10CRM3) 1,2,3 (10CRM4)	1,2,3	2,3,4	2,3,4	2,3,4
Color	WHITE								
Distribution	INDIRECT/DIRECT								
Ballast Type	GEB10 GEB10/347V OSSC	Generic non-dim (32 T8, 28 T5, 54 T5HO) 347V Generic non-dim (32 T8) Osram 0-10V dim or line voltage control (32 T8)				ADEZ OSDIM ADZT	Advance Mark "X" dim (54T5HO) Osram 0-10V dim (54T5HO) Advance Mark "VII" 0-10V dim (54T5HO)		
Emergency	EC EL	Emergency circuit Emergency battery pack							

Peerless[®] Quicker 5-Day

These luminaires QuickShip within 5 days* with a small surcharge.

*From date of order activation at factory. 500 ft. order limit. Standard lamps only. Emergency option limited to placement in the last 4' module of luminaire section. Hardware can be shipped in advance of luminaire shipment after 3 days of order activation. Ask your agent for details.

Luminaire	Naro NRM9QS	Cerra 7 Lightvent 7CRM3QS	Cerra 10 Lightvent 10CRM3QS Cerra 10 ID 10CRM4QS	Bruno ID BRM4QS	IceTray Angular ID IAM8QS	IceTray Rectangular ID IRM8QS	IceTray Curved ID IRM8QS
T5/T5HO Lamp Type	1,2,3	1,2,3	2,3,4 (10CRM3) 1,2,3 (10CRM4)	1,2,3	1,2,3,4	1,2,3,4	1,2,3,4
T8 Lamp Type	1,2	N/A	2,3,4 (10CRM3) 1,2,3 (10CRM4)	1,2,3	2,3,4	2,3,4	2,3,4
Color	WHITE						
Distribution	INDIRECT/DIRECT						
Ballast Type	GEB10 OSSC	Generic non-dim (32 T8, 28 T5, 54 T5HO) Osram 0-10V dim or line voltage control (32 T8)			ADEZ OSDIM	Advance Mark 10 dim (54 T5HO) Osram 0-10V dim (54 T5HO)	
Emergency	EC EL	Emergency circuit Emergency battery pack					

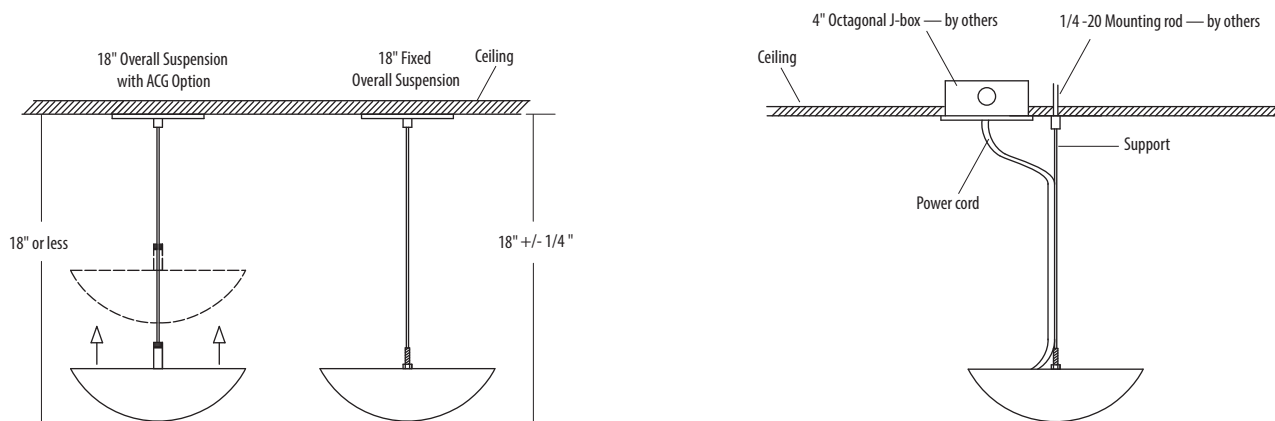
TO ORDER: For complete product catalog number, go to PeerlessLighting.com/QuickShip and click on your product choice for spec sheet.

General Options

- DL Damp location label. Fixtures will be shipped compliant with UL requirements for damp location fixtures.
- DU Clear plastic dust cover.
- FEP Flat end plates. When sculptured end plates are standard, product will be shipped with flat end plates instead. Applies to LF2FW and LF3FW only.
- GLR Fusing (fast blow). Electronic ballasts contain inherent electrical protection. Select GLR if code or regulation requires externally fused ballasts.
- GMF Fusing (slow blow). Electronic ballasts contain inherent electrical protection. Select GMF if code or regulation requires externally fused ballasts.
- NYC New York City code. Fixtures will be shipped compliant with New York City code requirements.
- OTM On tenon mount. This is an option for use with our tenon and corner assemblies. When OTM is specified, the support or power feed/support is connected directly to the tenon or corner assembly. This reduces the number of support locations with configurations.
- SCEP Sculptured end cap. Please see product spec sheets for availability.

Mounting Options

- ACG Adjustable cable gripper. Allows you to shorten overall suspension to obtain custom lengths. (See below.)
- CP Chicago plenum. Fixtures will be shipped compliant with Chicago plenum code requirements.
- MCS Match canopy at support. Increases the canopy diameter on support locations to match the default power feed canopy diameter. For F1 it is 3-1/2" in diameter and for F2 it is 5" in diameter.
- OJB Offset J-box (adjacent to support location). Provides a support connection kit and a separate power feed kit with two additional feet of power cable to accommodate an offset J-box. (See below.)



Switching Options

- SCT Single circuit. All lamps are wired to a single circuit.
 DCT Dual circuit. Two light levels are achieved by switching separate rows of lamps in the same fixture on two independently switched circuits.
 Dual circuit fixtures share a common neutral.

For fixtures or runs with two lamps in the cross section, the standard circuiting is that one side is wired to circuit A and the other side is wired to a circuit B.

Two Lamps in Cross Section



The default for a fixture with three lamps (or more) in the cross section is that the row of lamps on the outside is wired to a switched circuit A and the lamps located in the middle are wired to a switched circuit B.

Three Lamps in Cross Section



- ALC Alternating lamp circuits. Lamps in the same cross section are wired to one circuit and the next cross section is wired to the second circuit. These two circuits alternate across the fixture row. Alternating lamp circuits share a common neutral.

Single Lamp in Cross Section



Emergency Lighting Options

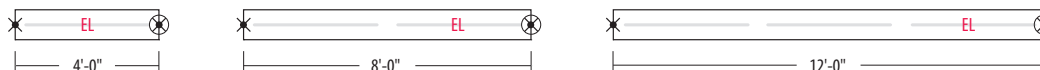
Number of Emergency Modules

- 1SE 1 section. One 4FT module per run will have an emergency lighting option.
 2SE 2 sections. Two 4FT modules per run.
 The standard maximum number of 4FT modules is one per 4-, 8- or 12-foot fixture section.

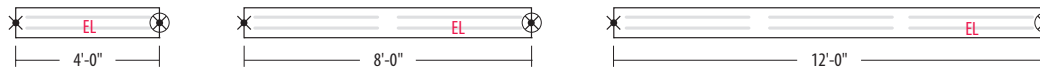
Emergency Type

- EL Emergency battery pack. In the event of a power failure, the battery pack will supply emergency power. Each battery pack will be connected to one lamp unless otherwise specified.

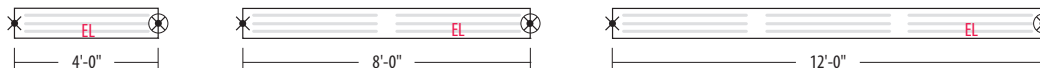
Single Lamp in Cross Section



Two Lamps in Cross Section

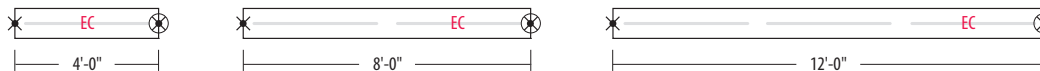


Three Lamps in Cross Section



- EC Emergency circuit or night-light circuit. When used as an emergency circuit, separate circuit wiring is provided for an alternate building power source (generator, uninterruptible power supply, etc.). When used as a night-light circuit, separate circuit wiring is provided for an unswitched circuit so that designated lamps will always remain on. Each emergency or night-light circuit will be connected to a single lamp when only one lamp is in the cross section. When two or more lamps are in the cross section, the two outermost lamps will be connected to the circuit.

Single Lamp in Cross Section



Two Lamps in Cross Section



Three Lamps in Cross Section



Key

- ✕ Power Feed and Support Location
- Support Location
- ⊗ Emergency Power Feed and Support Location
- ⊠ Power Feed, Emergency Power Feed and Support

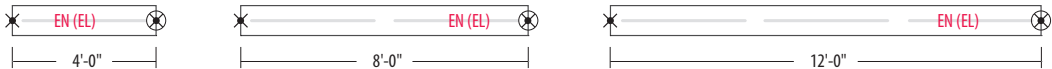
Emergency Lighting Options (continued)

EN Emergency battery pack with night-light circuit. Each battery pack will be connected to one lamp unless otherwise specified. Each night-light circuit will be connected to a single lamp when only one lamp is in the cross section or to the two outermost lamps when two or more lamps are in the cross section.

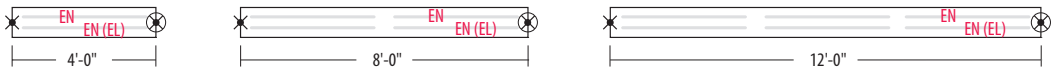
Key

- ✕ Power Feed and Support Location
- Support Location
- ⊗ Emergency Power Feed and Support Location

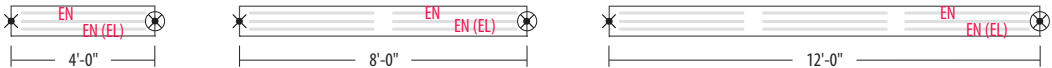
Single Lamp in Cross Section



Two Lamps in Cross Section

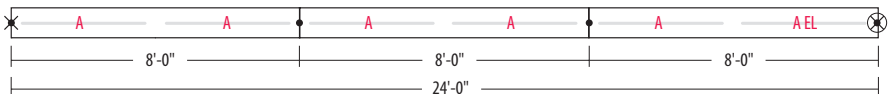


Three Lamps in Cross Section

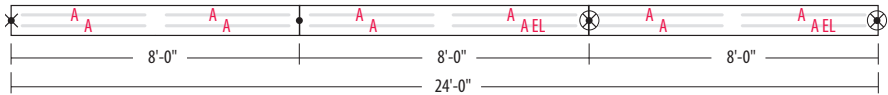


Example Runs

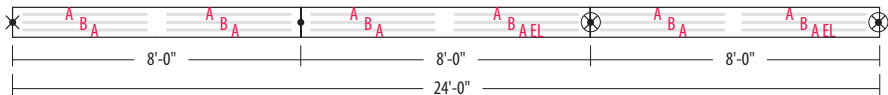
With Emergency Battery Pack



Two Lamps in Cross Section, Single Circuit with Two Emergency Battery Packs



Three Lamps in Cross Section, Dual Circuit with Two Emergency Battery Packs



Maximum Run Distance Per Power Feed

Lamps in Cross Section	Lamp Type		120V	277V	347V
1	TSHO		56'	124'	160'
2	TSHO		28'	64'	80'
3	TSHO		16'	40'	52'
4	TSHO		12'	32'	40'
1	T5 and T8		104'	240'	292'
2	T5 and T8		52'	120'	148'
3	T5 and T8		36'	80'	96'
4	T5 and T8		24'	60'	72'

Assumptions: Single-circuit, no emergency lighting option, T8 .88 BF ballast and T5/TSHO 1.0 BF ballast. Consult factory for other scenarios.

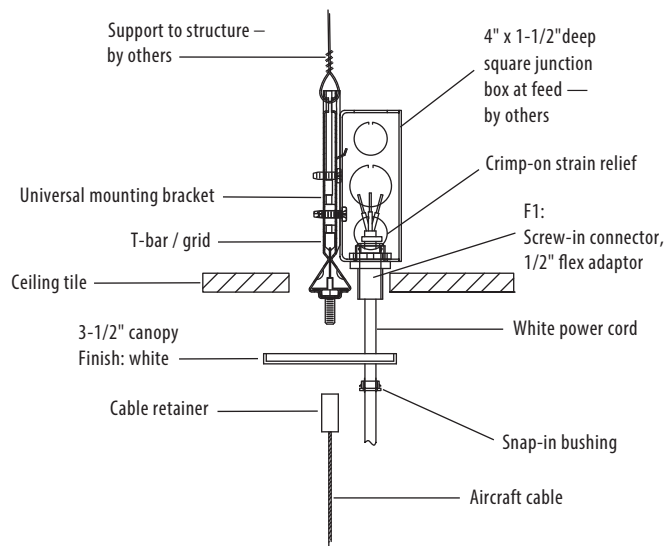
F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.

F1A for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations. F1A comes complete with vertical junction box with welded waywire.

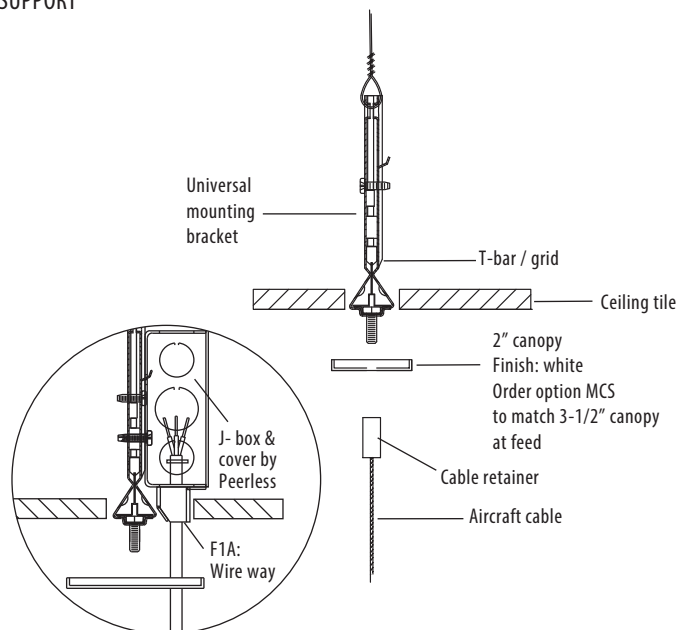
F1 AND F1A MOUNTING TYPE

On-Grid Mounting

FEED



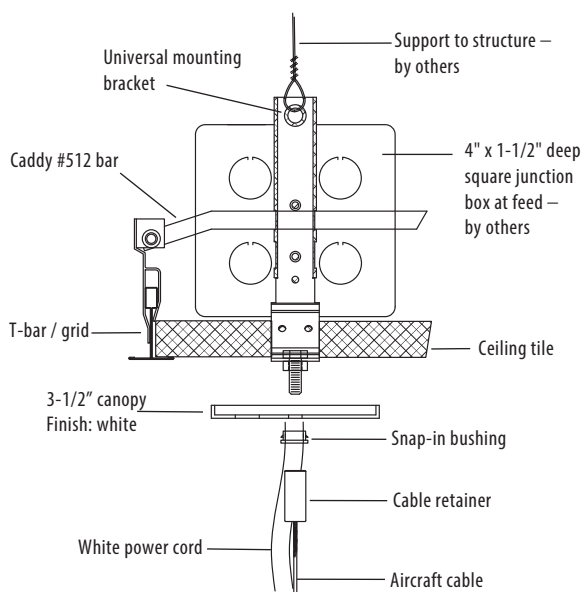
SUPPORT



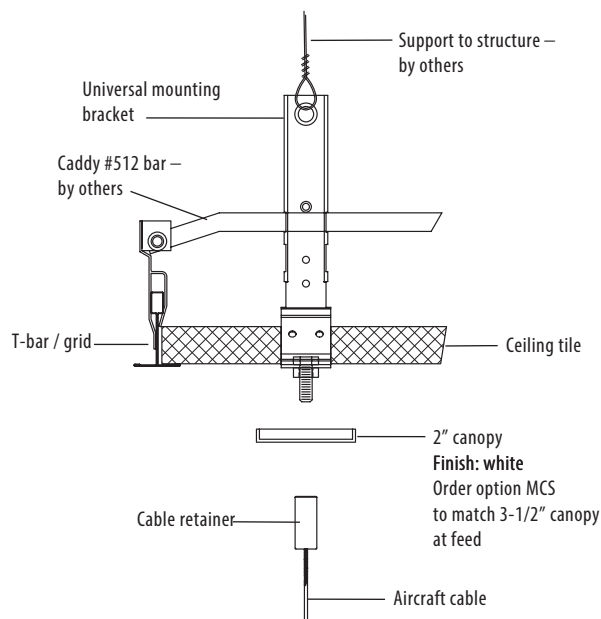
F1 AND F1A MOUNTING TYPE

Off-Grid Mounting

FEED



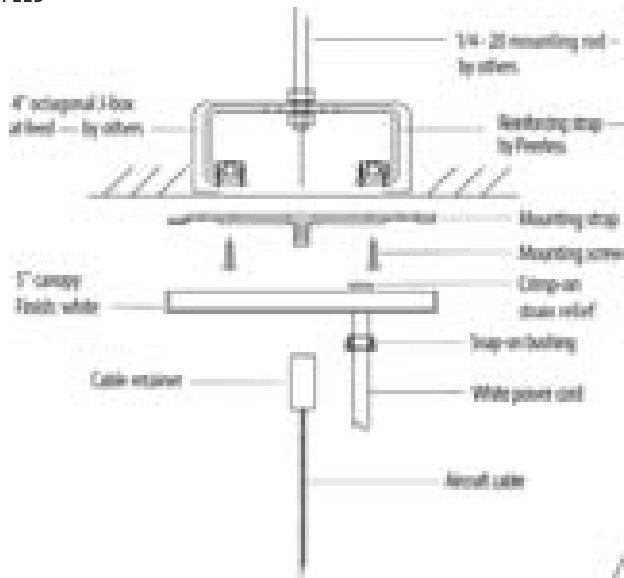
SUPPORT



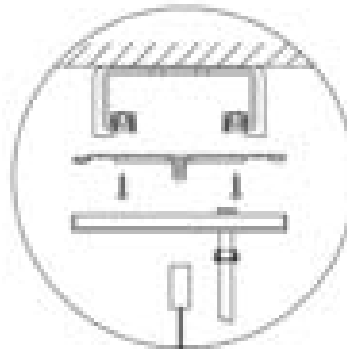
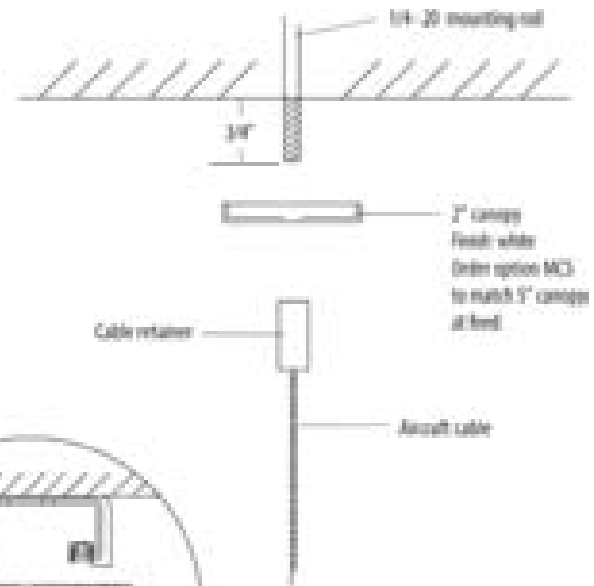
F2 MOUNTING TYPE

F2 for use with recessed or surface-mount horizontal J-box applications.

FEED



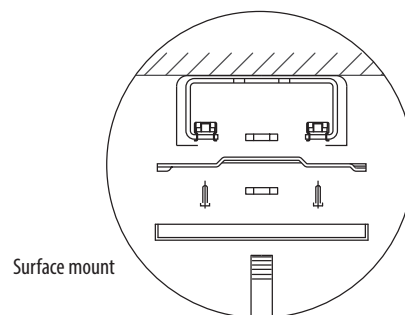
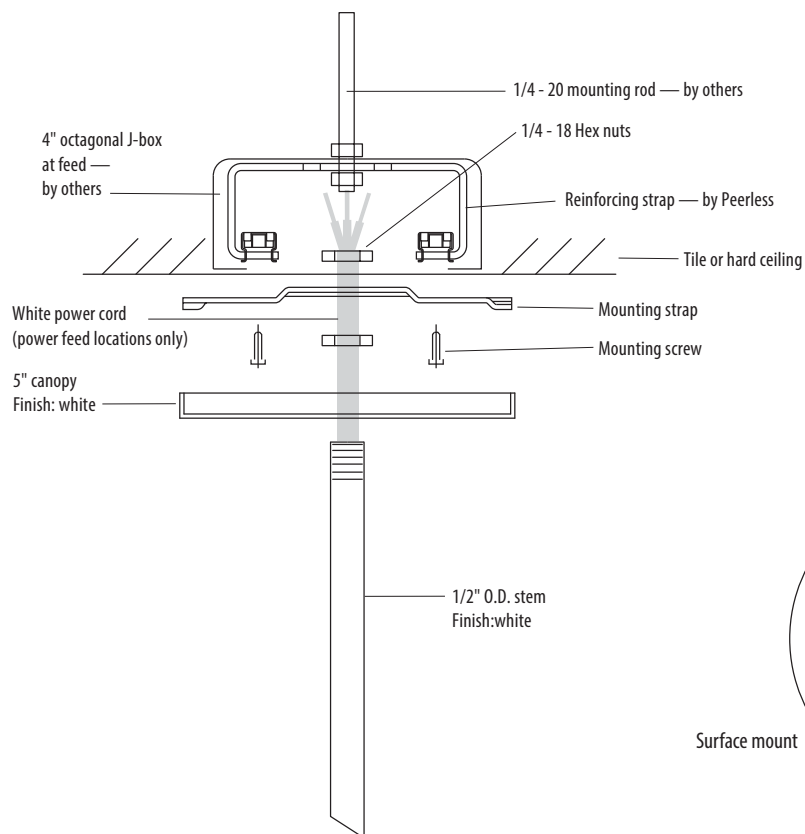
SUPPORT



F3 MOUNTING TYPE

F3 stem mounting for use with recessed or surface-mount horizontal J-box applications. Check with local jurisdiction regarding rigid stem code requirements.

FEED & SUPPORT





MARK ARCHITECTURAL LIGHTING™

Mark Architectural Lighting collaborates with discerning designers and architects who design purpose-driven interior environments. Our comprehensive portfolio of state-of-the-art luminaires combines elegant aesthetics with maximum performance. We offer project specific modifications and custom products with integrated technology and support services. Our one-source technology solution provides greater color consistency, beautiful dimming, maximum energy efficiency and integrated system controls. Our industry leading On The Mark service and delivery program meets your project needs quickly and efficiently. We make great design happen... turning your vision in to reality easier, faster and more beautiful than ever.



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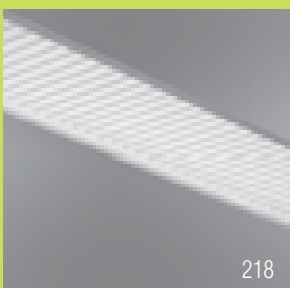
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MARK ARCHITECTURAL LIGHTING™

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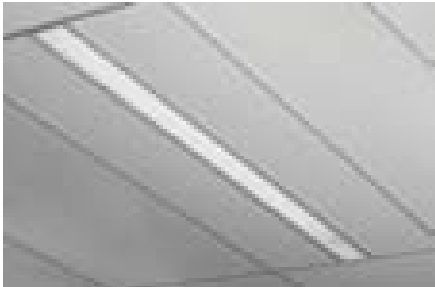
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SLOT 2



Intended Use

At a nominal 2 inches wide, Slot 2 is the thinnest member of the Slot family of products. These long, narrow channels of light allow you to achieve both optimum illumination and ideal design. Standard lengths range from 2 to 8 feet, and custom lengths are also available.

Slot 2 is available with a snap-in frosted clear acrylic lens or parabolic baffle. The extruded acrylic shielding can be flush or regressed, and its universal mounting detail accommodates sheetrock or various tile grid ceilings.

Features

- Housing: Nominal 2" wide x 2-ft., 3-ft., 4-ft., 6-ft., or 8-ft. long units fabricated from heavy-gauge extruded aluminum
- Finish: Housing and internal components baked white enamel

- Reflector: Precision-formed steel
- Polyester powdercoat high reflectance matte white
- Shielding: Snap-in extruded frosted clear acrylic (flush or regressed) or parabolic baffle
- Lamps: (1) T5 or T5HO lamp, in-line or staggered
- Ballast: Thermally protected Class P energy-saving electronic ballast
- Mounting: Recessed universal mounting bracket accommodates sheetrock or various acoustical tile grid ceilings
- Consult factory for other ceiling types

Listings

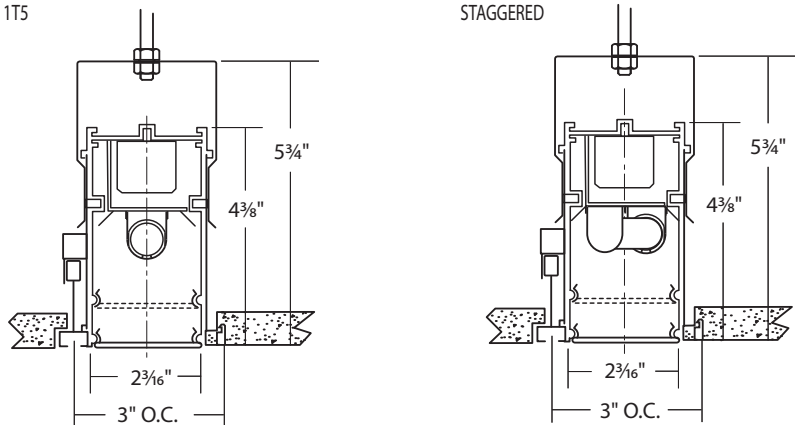
cULus Listed, IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION		Specifications subject to change.								Example: SL2 4FT UNIV 1T5 ECOS 120 PB CP					
Series		Length		Ceiling type		Number of lamps/Lamp type		Ballast		Voltage	Shielding		Options		
SL2	Slot 2 (flush or regressed)	2FT ⁴	2'	UNIV ¹	Universal sheetrock, 9/16" or 15/16" inverted tee slot grid	Number of lamps 1	Lamp type T5	GEB10PS	Programmed rapid start	120	PB	Parabolic baffle, diffuse aluminum	EMPK	Emergency Battery Pack ³	
		3FT ⁴	3'					GEB10DIM	Dimming, 0-10v	277					
		4FT ⁴	4'					DMHL3D	Lutron Hi-lume® 3D	347 ²					
		6FT	6'					ECOS	Lutron Eco System®						
		8FT	8'					ECOSH	Lutron Eco System H-Series						
		_FT.	Specify continuous run length (in whole feet)						ADZT	Advance Mark 7					



ADDITIONAL INFORMATION For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



- Notes
- 1 S = Staggered lamping.
 - 2 Consult factory for lamp and ballast compatibility.
 - 3 4', 6', and 8' units only.
 - 4 Staggard lamping is not available.

Intended Use

Slot 2 LED combines the very slender styling of Slot 2 with a diminutive LED light source to provide a luminaire that is perfect where visually harmonious illumination and energy efficiency are desired. Standard lengths range from 2 to 8 feet, and a unique 2'x2' configuration is ideal as a creative design element. Custom lengths and configurations are also available.

Slot 2 LED features a snap-in clear frosted acrylic lens, which can be positioned flush or regressed, and universal mounting detail for sheetrock or various tile grid ceilings.

Features

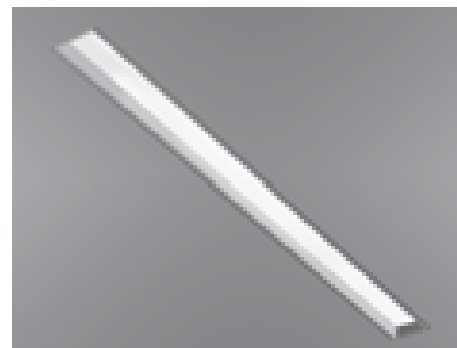
- Nominal 2" wide x 2', 3', 4', 5', 6' or 8' long units fabricated from heavy-gauge extruded aluminum
- Matte white

- Reflector has 98% high reflectance
- Snap-in extruded clear frosted acrylic (flush or regressed)
- Board of 24V LED lamps. Available in 3000K, 3500K or 4000K color temperature
- Electronic, 75W max. 120-277V input and 24V output
- Recessed universal mounting bracket accommodates sheetrock or various acoustical tile grid ceilings
- Consult factory for other ceiling types

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.

SLOT 2 LED

**ORDERING INFORMATION**

Specifications subject to change.

Example: S2L 4FT UNIV 35EDVR 120 FA

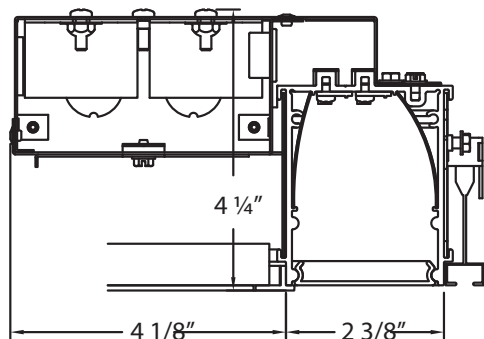
Series	Length/size	Ceiling type	LED color temp	Driver	Voltage	Shielding
S2L Slot 2 LED	2FT 2'	UNIV ¹ Universal sheetrock, 9/16" or 15/16" inverted tee slot grid	30 3000K ≥ 80 CRI	EDVR Electronic driver (75W max.)	120	FA 3/32" thick clear frosted acrylic
	3FT 3'		35 3500K ≥ 80 CRI	EDIM Electronic driver (75W max.) and 1-10V dimming interface	277	
	4FT 4'		40 4000K ≥ 80 CRI			
	5FT 5'	FL ¹ Flanged				
	6FT 6'					
	8FT 8'					
	_ FT. Specify continuous run length (in whole feet)					
22 2'x2'						

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

2x2 w/ CLG. tile at center



INITIAL BOARD DELIVERED LUMENS (one board/two boards in cross section, lm)			
LENGTH	3,000K	3,500K	4,000K
Standard 2' x 2'	3,740	3,528	4,128
S2L 1FT	430	441	514
S2L 2FT	860	882	1,028
S2L 3FT	1,290	1,323	1,542
S2L 4FT	1,720	1,764	2,056
S2L 5FT	2,150	2,205	2,570
S2L 6FT	2,580	2,646	3,084
S2L 7FT	3,010	3,087	3,598
S2L 8FT	3,440	3,528	4,112

Notes

- ¹ Remote mounted driver is required for all sheetrock installation.

SLOT 2 LED

Direct or Indirect Pendant



Features

- Housing: Nominal 2.5" x 3.5" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Reflector: Extruded aluminum with high reflectance powdercoat
- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution
- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)

- Driver: AD LED Driver option allows for 0 -10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.

eldoLED®



ORDERING INFORMATION

Specifications subject to change.

Example: S2LD 4FT CRD 1N35ADWW L735SQ 120 WHT N80

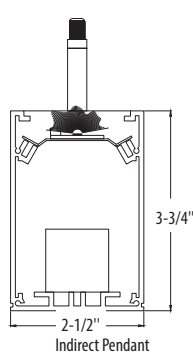
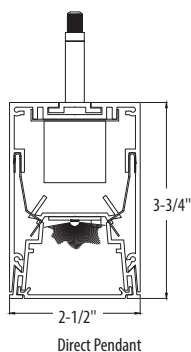
Series	Length	Mounting	Distribution	Lumens	Color Temp	Driver	Optics
S2LD Direct Pendant	2FT' 2'	CRD Cable, Round Canopy	1 Direct Distribution	N Normal Output	30 3000K ≥ 80 CRI	AD constant current, 0-10v, 2% dimming	<u>Direct</u>
S2LI Indirect Pendant	3FT 3'	CSQ Cable, Square Canopy	2 Indirect Distribution	H High Output	35 3500K ≥ 80 CRI	HI constant current, 0-10v, 1% dimming to off	(blank) No Optics
	4FT 4'				40 4000K ≥ 80 CRI		WW Wall Washer
	5FT 5'						WG Wall Graze Distribution
	6FT 6'						<u>Indirect</u>
	7FT 7'						(blank) No Optics
	8FT 8'						BW Batwing Distribution
	_FT. Specify continuous run length (in whole feet)						AS Asymmetric Distribution
							DC Dust Cover (Clear)

Downlights ^{2,3}	Downlight color temp	Downlight apperture	Voltage	Finish	Controls
(blank) Linear LED only	(blank) Linear LED only	RD Round	120	WHT White	N100 N100 - nLight without lumen management
L7 10W LED MR16 (700lm)	27 2700K ≥80 CRI	SQ Square	277	BLK Black	N80 N80 - nLight with 80% lumen management
	30 3000K ≥80 CRI			SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
	35 3500K ≥80 CRI				N100EMG N100 - nLight without lumen management for use with generator supply EM power
	41 4100K ≥80 CRI				OCS ⁴ Integrated Occupancy Sensor/Photocell
					ECO Lutron EcoSystem Interface Module
					NX Dimming, No nLight
					EMPK ⁵ Emergency Battery Pack

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Consult factory for 2' length.
- 2 Downlights are not adjustable and are provided with a solite lens.
- 3 Downlight modules are supplied at each end of individual unit. For other configurations, consult factory.
- 4 Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- 5 Remote mounted; consult factory for remote mounting options.

Features

- Housing: Nominal 2" x 4" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Reflector: Extruded aluminum with high reflectance powdercoat
- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution

- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)
- Driver: AD LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.

SLOT 2 LED

Direct/Indirect Pendant



ORDERING INFORMATION

Specifications subject to change.

Example: S2LID 4FT CRD 1N35ADWW 2H35ADBWW L735SQ WHT N80

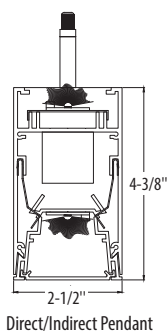
Series	Length	Mounting	Distribution	Lumens	Color Temp	Driver	Distributions
S2LID Direct/Indirect	2FT ¹ 2'	CRD Cable, Round Canopy	1 Direct Distribution 2 Indirect Distribution	N Normal Output H High Output	30 3000K ≥ 80 CRI	AD constant current, 0-10v, 2% dimming HI constant current, 0-10v, 1% dimming to off	<u>Direct</u>
	3FT 3'	CSQ Cable, Square Canopy			35 3500K ≥ 80 CRI		(blank) No Optics
	4FT 4'				40 4000K ≥ 80 CRI		WW Wall Washer
	5FT 5'						WG Wall Graze Distribution
	6FT 6'						<u>Indirect</u>
	7FT 7'						(blank) No Optics
	8FT 8'						BW Batwing Distribution
	_FT. Specify continuous run length (in whole feet)						AS Asymmetric Distribution DC Dust Cover (Clear)

Downlights ²	Downlight color temp	Downlight apperture	Voltage	Finish	Controls
(blank) Linear LED only	(blank) Linear LED only	RD Round	120	WHT White	N100 N100 - nLight without lumen management
L7 10W LED MR16 (700lm)	27 2700K ≥ 80 CRI	SQ Square	277	BLK Black	N80 N80 - nLight with 80% lumen management
	30 3000K ≥ 80 CRI			SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
	35 3500K ≥ 80 CRI				N100EMG N100 - nLight without lumen management for use with generator supply EM power
	41 4100K ≥ 80 CRI				OCS ⁴ Integrated Occupancy Sensor/Photocell
					ECO Lutron EcoSystem Interface Module
					NX Dimming, No nLight
					EMPK ⁵ Emergency Battery Pack

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- Consult factory for 2' length.
- Downlights are not adjustable and are provided with a solite lens.
- Downlight modules are supplied at each end of individual unit. For other configurations, consult factory.
- Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- Remote mounted; consult factory for remote mounting options.

PRODUCT INFORMATION

SLOT 2 LED

Direct or Indirect Wall



- Features**
- Housing: Nominal 2.5" x 3.5" extruded aluminum housing
 - Finish: White, Black or Silver powdercoat
 - Reflector: Extruded aluminum with high reflectance powdercoat
 - Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution
 - LED Components Linear: Nichia® - 757S LED chips (>80 CRI)

- Driver: AD LED Driver option allows for 0 -10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings
CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

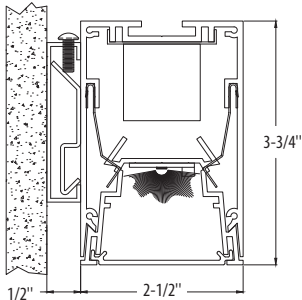
Example: S2LWD 4FT 1N35ADWW 120 WHT N80

Series		Length	Distribution	Lumens	Color Temp	Driver	Optics	Voltage	Finish	Integrated Controls
S2LWD	Direct Wall	2FT' 2'	1 Direct Distribution	N Normal Output	30 3000K ≥ 80 CRI	AD constant current, 0-10v, 2% dimming	Direct	120	WHT White	N100 N100 - nLight without lumen management
		3FT 3'			35 3500K ≥ 80 CRI		(blank) No Optics	277	BLK Black	N80 N80 - nLight with 80% lumen management
S2LWI	Indirect Wall	4FT 4'	2 Indirect Distribution	H High Output	40 4000K ≥ 80 CRI	HI constant current, 0-10v, 1% dimming to off	WG Wall Graze Distribution		SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
		5FT 5'					Indirect			N100EMG N100 - nLight without lumen management for use with generator supply EM power
		6FT 6'					(blank) No Optics			OCS² Integrated Occupancy Sensor/Photocell
		8FT 8'					AS Asymmetric Distribution			ECO Lutron EcoSystem Interface Module
		_FT. Specify continuous run length (in whole feet)					DC Dust Cover (Clear)			NX Dimming, No nLight
										EMPK³ Emergency Battery Pack

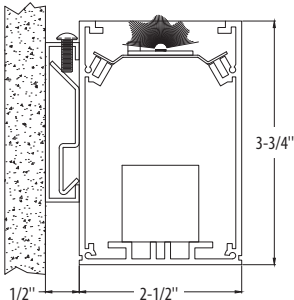
ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



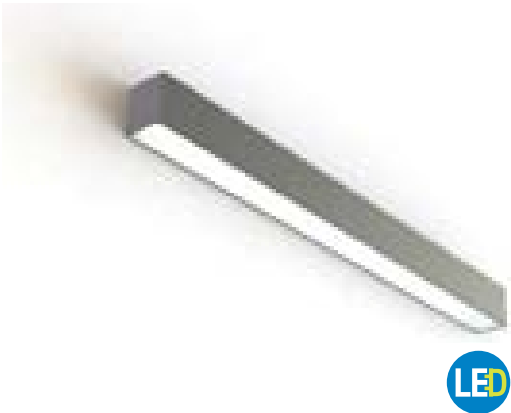
Direct Wall Mount



Indirect Wall Mount

- Notes**
- 1 Consult factory for 2' length.
 - 2 Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
 - 3 Remote mounted; consult factory for remote mounting options.

SLOT 2 LED
Direct/Indirect Wall



Features

- Housing: Nominal 2.5" x 4.5" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution
- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)
- Driver: AD LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

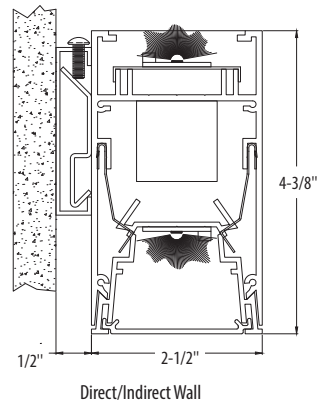
Example: S2LWID 4FT CG 1N35ADWG 2H35ADAS WHT N80

Series	Length	Distribution	Lumens	Color Temp	Driver	Distributions	Voltage	Finish	Controls
S2LWID	Direct/Indirect	2FT 2'	1 Direct Distribution	N Normal Output	30 3000K ≥ 80 CRI	AD constant current, 0-10v, 2% dimming	120	WHT White	N100 N100 - nLight without lumen management
	Wall Mounted	3FT 3'	2 Indirect Distribution	H High Output	35 3500K ≥ 80 CRI	HI constant current, 0-10v, 1% dimming to off	277	BLK Black	N80 N80 - nLight with 80% lumen management
		4FT 4'			40 4000K ≥ 80 CRI			SLV Silver	
		5FT 5'							
		6FT 6'							
		7FT 7'							
		8FT 8'							
		_FT. Specify continuous run length (in whole feet)							
						Direct (blank) No Optics			N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
						WG Wall Graze Distribution			N100EMG N100-nLight without lumen managent for use with generator supply EM power
						Indirect (blank) No Optics			OCS ² Integrated Occupancy Sensor/ Photocell
						AS Asymmetric Distribution			ECO Lutron EcoSystem Interface Module
						DC Dust Cover (Clear)			NX Dimming, No nLight
									EMPK ³ Emergency Battery Pack

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- Consult factory for 2' length.
- Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- Remote mounted; consult factory for remote mounting options.

SLOT 2 LED

Surface Mount



Features

- Housing: Nominal 2.5" x 3.5" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Reflector: Extruded aluminum with high reflectance powdercoat
- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution
- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)

- Driver: AD LED Driver option allows for 0 -10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

Example: S2LS 4FT 1N35ADWW L735SQ 120 WHT N80

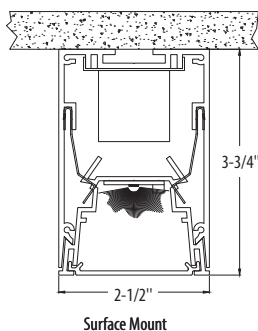
Series	Length ¹	Distribution	Lumens	Color Temp	Driver	Optics
S2LS Surface Mount	2FT 2'	1 Direct Distribution	N Normal Output H High Output	30 3000K ≥ 80 CRI	AD constant current, 0-10v, 2% dimming	(blank) No Optics
	3FT 3'			35 3500K ≥ 80 CRI	HI constant current, 0-10v, 1% dimming to off	WW Wall Washer
	4FT 4'			40 4000K ≥ 80 CRI		WG Wall Graze Distribution
	5FT 5'					
	6FT 6'					
	8FT 8'					
	_FT. Specify continuous run length (in whole feet)					

Downlights ^{2,3}	Downlight color temp	Downlight apperture	Voltage	Finish	Integrated Controls
(blank) Linear LED only	(blank) Linear LED only	RD Round	120	WHT White	N100 N100 - nLight without lumen management
L7 10W LED MR16 (700lm)	27 2700K ≥ 80 CRI	SQ Square	277	BLK Black	N80 N80 - nLight with 80% lumen management
	30 3000K ≥ 80 CRI			SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
	35 3500K ≥ 80 CRI				N100EMG N100 - nLight without lumen management for use with generator supply EM power
	40 4000K ≥ 80 CRI				OCS ⁴ Integrated Occupancy Sensor/Photocell
					ECO Lutron EcoSystem Interface Module
					NX Dimming, No nLight
					EMPK ⁵ Emergency Battery Pack

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Consult factory for 2' length.
- 2 Downlights are not adjustable and are provided with a solite lens.
- 3 MR16 modules are supplied at each end of individual unit. For other configurations, consult factory.
- 4 Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- 5 Remote mounted; consult factory for remote mounting options.

Intended Use

Utilizing the linear design of the Slot family, Slot 4 takes both form and function a step further. Through an optional halogen or metal halide MR16 downlight component, Slot 4 integrates point-source lighting with general illumination, and a regressed lens option provides added dimension to the sleek, slender design.

Available with a frosted clear acrylic lens or parabolic baffle, Slot 4 is a natural choice for spaces that emphasize a clean style and basic lines.

Features

- Housing: Nominal 4" x 3-ft., 4-ft., 5-ft., 6-ft. or 8-ft. units fabricated from 20-gauge, cold-rolled steel
- Ceiling trim is extruded aluminum

- Finish: Standard trim finish is baked white enamel. MR16 trim is matte black (standard) or white
- Reflector: Precision-formed steel. Painted white, 91% reflectivity
- Shielding: Nominal 1/4"-thick frosted clear acrylic with rabbeted ends to prevent light leaks against downlight components
- Lamps: (1) or (2) T5, T5HO or T8 lamps. (2) MR16 (max. 50W) or MH MR16 (max. 39W) lamps for optional downlight component
- Mounting: Recessed. Available for sheetrock, 9/16" slot grid or 15/16" inverted tee ceilings, or 9/16" inverted tee. Please specify. Consult factory for other ceiling types

Listings

cULus, and IBEW (Local 3) Union-made in the USA.

SLOT 4



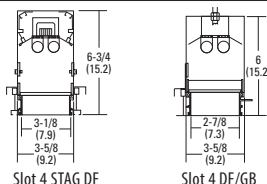
Example: SL4F 4 DF 2T5 GEB10PS 120 FA

ORDERING INFORMATION									
Specifications subject to change.									
Series	Length	Downlights ¹	Ceiling type ³	Number of lamps/ Lamp type		Ballast	Voltage	Shielding	Options
SL4R Slot 4 Regressed	2 ⁵ 2'	M 50W MR16	DF 9/16" slot grid or 15/16" inverted tee	Number of lamps	Lamp type	GEB10PS Programmed rapid start	120	FA 1/4" thick clear frosted acrylic	EMPK Emergency Battery Pack
SL4F Slot 4 Flush	3 ⁵ 3'	MH20 20W MH MR16 ²	TG 9/16" inverted tee grid with tegular tiles	1	T5	GEB10IS ⁶ Instant Start	277	PB Semi-diffuse parabolic baffle	WHD White MR16 trim
	4 ⁵ 4'	MH39 39W MH MR16 ²		2	T5HO	GEB10DIM Dimming, 0-10v	347 ⁴		CP Chicago plenum
	5 ⁵ 5'	(blank) Fluorescent only	GB ⁶ Gypsum board (sheetrock)		T8	DMHL3D Lutron Hi-lume [®] 3D			MLV Magnetic transformer ⁷
	6 ⁵ 6'		FL 5/8" flange (sheetrock)		T5S ^{2,3}	ECOS Lutron Eco System [®]			
	—FT. Specify continuous run length (in whole feet)				T5HO ^{2,3}	ECOSH Lutron Eco System H-Series			
						ADZT Advance Mark 7			

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- MR16 modules are supplied at each end of individual unit.
- Fixture depth increases to 6 3/4" for these options.
- S = Staggered lamping.
- Fluorescent only. Consult factory for lamp and ballast

compatibility.

- Not available with staggered lamping.
- Not intended for post sheetrock installation.
- Available in T8 Lamping ONLY.

PRODUCT INFORMATION**Intended Use**

Slot 4T brings another dimension to the Slot family by providing superior vertical illumination through asymmetric distribution.

Slot 4T features a compact profile—a nominal 3 3/4 x 4 inches—and follows the family's slender, linear style. Length choices range from 2 to 8 feet, and custom lengths are available. Maximizing efficiency and output, Slot 4T utilizes one T5 or T5HO lamp.

Features

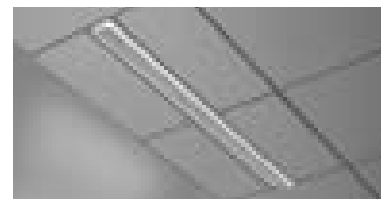
- Housing: All internal components and housing fabricated from die-formed, 20-gauge, cold-rolled steel
- Finish: Baked matte white enamel

- Continuous runs available. Consult factory
- Reflector: Die-formed matte aluminum reflector provides asymmetric distribution
- Lamps: (1) T5 or T5HO lamp. Lamps provided by others
- Ballast: Thermally protected Class P energy-saving electronic ballast
- Mounting: Recessed 9/16" slot grid ceilings or sheetrock

Listings

cULus, and IBEW (Local 3) Union-made in the USA.

SLOT 4T



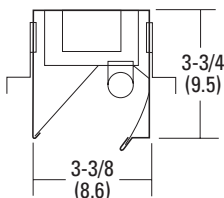
Example: SL4T 3FT FL 1T5 GEB10PS 120

ORDERING INFORMATION									
Specifications subject to change.									
Series	Length	Ceiling type	Number of lamps/Lamp type		Ballast	Voltage	Options		
SL4T Slot 4T	2FT 2'	DF 9/16" slot grid	Number of lamps	Lamp type	GEB10PS Electronic	120	EMPK	Emergency Battery Pack	
	3FT 3'	G15 15/16" inverted tee	1	T5	GEB10DIM Electronic dimming	277	CP	Chicago plenum	
	4FT 4'	FL 5/8" flange (sheetrock)		T5HO	DMHL3D Lutron Hi-lume [®] 3D	347 ¹			
	5FT 5'				ECOS Lutron Eco System [®]				
	6FT 6'				ECOSH Lutron Eco System H-Series				
	8FT 8'				ADZT Advance Mark 7				

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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**Notes**

- Consult factory for lamp and ballast compatibility.

SLOT 4 LED

Recessed



Intended Use

Slot 4 LED takes both form and function a step further by integrating a LED light source to provide a luminaire that is perfect where visually harmonious illumination and energy efficiency are desired. Through an optional Xicato® LED downlight component, Slot 4 LED integrates point-source lighting with general illumination. A regressed lens option provides added dimension to the sleek, slender design. Slot 4 is a natural choice for spaces that emphasize basic lines and clean design.

Features

- Nominal 4" x 2', 3', 4', 5', 6', 7' or 8' units fabricated from cold-rolled steel (Steel gauge sized to meet all code requirements). Ceiling trim is extruded aluminum. Downlight component (where applicable) is die-cast aluminum
- Finish: Matte white. MR16 trim is matte black (standard) or white
- Reflector: Precision-formed steel; white

- Shielding: Nominal 1/4"-thick P95 Opal acrylic with rabbeted ends to prevent light leaks against downlight
- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)
- Lumen Management: An optional lumen management system provides onboard intelligence that actively manages the LED light source so that constant lumen output is maintained over the system's life, creating a consistently illuminated environment while preventing energy waste
- Mounting: Recessed. Available for sheetrock, 9/16" slot grid or 15/16" inverted tee ceilings, or 9/16" inverted tee. For Hunter Douglas Techstyle® or other ceiling types, consult factory

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

Example: S4LR 4FT TG N35AD 120 SW L735WHT N80

Series	Length	Ceiling Trim	Linear LED Output ²	Linear LED Color Temp	Driver	Voltage
S4LR Regressed Lens	2FT 2'	FL 5/8" flange (sheetrock)	N Normal Output	30 3000K	AD constant current, 0-10v, 2% dimming	120
S4LF Flush Lens	3FT 3'	TG 9/16" inverted tee gred with tegular tiles	H High Output	35 3500K	HI constant current, 0-10v, 1% dimming to off	277
	4FT 4'	GB ¹ Trimless (sheetrock)		40 4000K		347 ³
	5FT 5'					
	6FT 6'					
	7FT 7'					
	_FT. Specify continuous run length (in whole feet)					

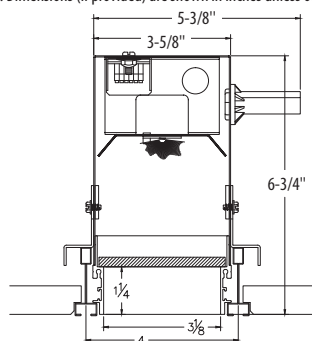
Shielding	Downlights ^{4,5,6}	LED Downlight Color Temp	LED Downlight Trim Color	Integrated Controls	Options
SW 1/4" P95 opal acrylic	(blank) Linear LED ONLY	27 2700K ≥ 80 CRI	WHT White Trim	N100 N100 nLight without lumen mgt	CP ⁹ Chicago Plenum
HT 90% transmissive textured polycarbonate	L10 14W LED Module (1000lm)	30 3000K ≥ 80 CRI	BLK Black Trim	N80 N80 nLight with 80% lumen mgt	EMPK ¹⁰ Emergency Battery Pack
	L7 10W LED Module (700lm)	35 3500K ≥ 80 CRI		N80EMG N80 nLight with 80% lumen mgt for use with generator supply EM power	
	LR ⁷ Retro-fit LED MR16	41 4100K ≥ 80 CRI		N100EMG N100 nLight without lumen mgt for use with generator supply EM power	
				NX Dimming, No nLight	
				ECO Lutron Ecosystem Interface Module	
				OCS ⁸ Integrated Occupancy/Photocell	



ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- Not intended for post sheetrock installation.
- Delivered lumens are variable and contingent on LED color temperature and fixture configuration.
- Consult factory.
- MR16 modules are supplied at each end of individual unit. For other configurations, consult factory.
- 2'-0" L fixtures are not available with downlights, 3'-0" L fixtures with

downlights require a remote driver.

- Downlights are not adjustable and are provided with a solite lens.
- Retro-fit lamps by others.
- Occupancy/Photocell sensors are supplies at one end of individual unit. Fixtures with downlights require a remote sensor locations by others.
- Chicago Plenum not available for fixtures with integrated downlights.
- Remote mounted; consult factory for remote mounting options.

Intended Use

Slot 4 LED takes both form and function a step further by integrating a LED light source to provide a luminaire that is perfect where visually harmonious illumination and energy efficiency are desired. Through an optional Xicato® LED downlight component, Slot 4 LED integrates point-source lighting with general illumination. A regressed lens option provides added dimension to the sleek, slender design. Slot 4 is a natural choice for spaces that emphasize basic lines and clean design.

Features

- Housing: Nominal 3.5" x 3.5" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Reflector: Extruded aluminum with high reflectance powdercoat

- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution
- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)
- Driver: LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120V-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.

SLOT 4 LED

Direct or Indirect Pendant

**ORDERING INFORMATION**

Specifications subject to change.

Example: S4LD 4FT CRD 1N35ADWW 2H35ADBW L735SQ WHT N80

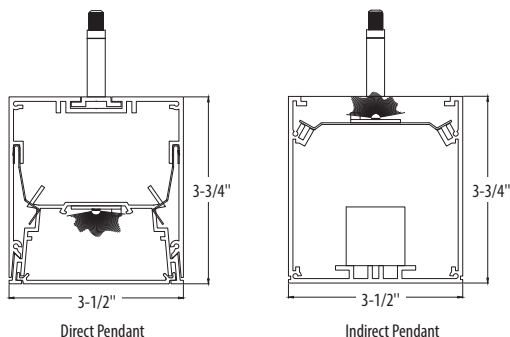
Series	Length	Mounting	Distribution	Lumens	Color Temp	Driver
S4LD Direct Pendant	2FT 2'	CRD Cable, Round Canopy	1 Direct Distribution	N Normal Output	30 3000K ≥ 80 CRI	AD constant current, 0-10v, 2% dimming
S4LI Indirect Pendant	3FT 3'	CSQ Cable, Square Canopy	2 Indirect Distribution	H High Output	35 3500K ≥ 80 CRI	HI 100W constant current, 0-10v, 1% dimming to off
	4FT 4'				40 4000K ≥ 80 CRI	
	5FT 5'					
	6FT 6'					
	7FT 7'					
	8FT 8'					
	_FT. Specify continuous run length (in whole feet)					

Optics	Downlights ^{2,3}	Downlight color temp	Downlight apperture	Voltage	Finish	Controls
<u>Direct</u>	(blank) Linear LED only	(blank) Linear LED only	RD Round	120	WHT White	N100 N100 - nLight without lumen management
(blank) No Optics	L7 10W LED MR16 (700lm)	27 2700K ≥ 80 CRI	SQ Square	277	BLK Black	N80 N80 - nLight with 80% lumen management
WW Wall Washer		30 3000K ≥ 80 CRI			SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
WG Wall Graze Distribution		35 3500K ≥ 80 CRI				N100EMG N100 - nLight without lumen management for use with generator supply EM power
<u>Indirect</u>		41 4100K ≥ 80 CRI				N80EMG nLight with 80% lumen mgt for use with generator supply EM power
(blank) No Optics						OCS ⁴ Integrated Occupancy Sensor/Photocell
BW Batwing Distribution						ECO Lutron Ecosystem Interface Module
AS Asymmetric Distribution						NX Dimming, No nLight
DC Dust Cover (Clear)						EMPK ⁵ Emergency Battery Pack

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

**Notes**

- Consult factory for 2' length.
- Downlights are not adjustable and are provided with a solite lens.
- MR16 modules are supplied at each end of individual unit. For other configurations, consult factory.
- Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- Remote mounted; consult factory for remote mounting options.

SLOT 4 LED

Direct/Indirect Pendant



Features

- Nominal Nominal 3.5" x 5" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Reflector: Extruded aluminum with high reflectance powdercoat
- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution
- LED Components Linear: Nichia® - 7Nichia® - 757S LED chips (>80 CRI)

- Driver: AD LED Driver option allows for 0 -10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

Example: S4LID 4FT CRD 1N35ADWW 2H35ADBW L735SQ 120 WHT N80

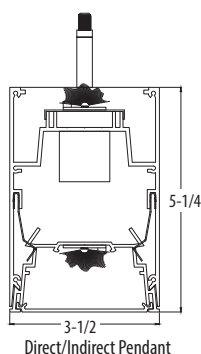
Series	Length	Mounting	Distribution	Lumens	Color Temp	Driver
S4LID Direct/Indirect	2FT 2'	CRD Cable, Round Canopy	1 Direct Distribution	N Normal Output	30 3000K ≥ 80 CRI	AD constant current, 0-10v, 2% dimming
	3FT 3'	CSQ Cable, Square Canopy	2 Indirect Distribution	H High Output	35 3500K ≥ 80 CRI	HI 100W constant current, 0-10v, 1% dimming to off
	4FT 4'				40 4000K ≥ 80 CRI	
	5FT 5'					
	6FT 6'					
	7FT 7'					
	8FT 8'					
	_FT. Specify continuous run length (in whole feet)					

Distributions	Downlights ²	Downlight color temp	Downlight apperture	Voltage	Finish	Controls
<u>Direct</u>	(blank) Linear LED only	(blank) Linear LED only	RD Round	120	WHT White	N100 N100 - nLight without lumen management
(blank) No Optics	L7 10W LED MR16 (700lm)	27 2700K ≥ 80 CRI	SQ Square	277	BLK Black	N80 N80 - nLight with 80% lumen management
WW Wall Washer		30 3000K ≥ 80 CRI			SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
WG Wall Graze Distribution		35 3500K ≥ 80 CRI				N100EMG N100 - nLight without lumen management for use with generator supply EM power
<u>Indirect</u>		41 4100K ≥ 80 CRI				OCS ⁴ Integrated Occupancy Sensor/Photocell
(blank) No Optics						ECO Lutron EcoSystem Interface Module
BW Batwing Distribution						NX Dimming, No nLight
AS Asymmetric Distribution						EMPK ⁵ Emergency Battery Pack
DC Dust Cover (Clear)						

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- Consult factory for 2' length.
- Downlights are not adjustable and are provided with a solite lens.
- MR16 modules are supplied at each end of individual unit. For other configurations, consult factory.
- Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- Remote mounted; consult factory for remote mounting options.

Features

- Housing: 3.5" x 3.5" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Reflector: Extruded aluminum with high reflectance powdercoat
- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution

- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)
- Driver: LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120V-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.

SLOT 4 LED

Direct or Indirect Wall



eldoLED™



ORDERING INFORMATION

Specifications subject to change.

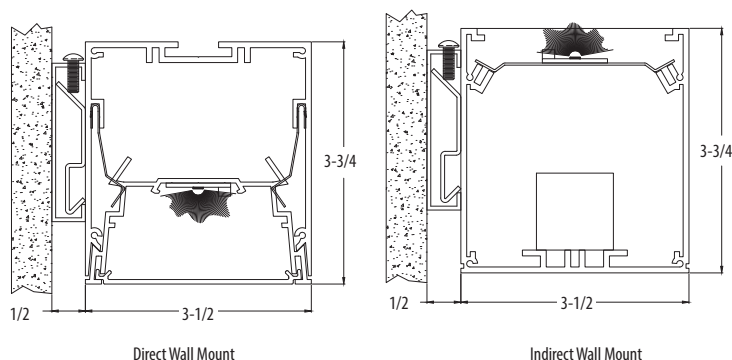
Example: S4LWD 4FT 1N35ADWG 120 WHT N80

Series		Length	Direct distribution	Lumens	Color Temp	Driver	Optics	Voltage	Finish	Controls
S4LWD	Direct Wall	2FT ¹ 2'	1 Direct Distribution	N Normal Output	30 3000K ≥ 80 CRI	AD Constant current, 0- 10v, 2% dimming	<u>Direct</u> (blank) No Optics	120	WHT White	N100 N100 - nLight without lumen management
		3FT 3'			35 3500K ≥ 80 CRI			277	BLK Black	N80 N80 - nLight with 80% lumen management
S4LWI	Indirect Wall	4FT 4'	2 Indirect Distribution	H High Output	40 4000K ≥ 80 CRI	HI Constant current, 0- 10v, 1% dimming to off	WG Wall Graze Distribution		SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
		5FT 5'					<u>Indirect</u> (blank) No Optics			N100EMG N100 - nLight without lumen management for use with generator supply EM power
		6FT 6'					AS Asymmetric Distribution			OCS Integrated Occupancy Sensor/Photocell
		7FT 7'					DC Dust Cover (Clear)			ECO ³ Lutron EcoSystem Interface Module
		8FT 8'								NX Dimming, No nLight
		_FT. Specify continuous run length (in whole feet)								EMPK ⁴ Emergency Battery Pack

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- Consult factory for 2' length.
- Consult factory for 347.
- Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- Remote mounted; consult factory for remote mounting options.

SLOT 4 LED

Direct/Indirect Wall



- Intended Use**

Slot 4 LED takes both form and function a step further by integrating a LED light source to provide a luminaire that is perfect where visually harmonious illumination and energy efficiency are desired. Slot 4 LED is a natural choice for spaces that emphasize basic lines and clean design.
- Features**

 - Housing: Nominal 4" x 5" extruded aluminum housing
 - Finish: White, Black or Silver powdercoat
 - Reflector: Extruded aluminum with high reflectance powdercoat
 - Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution

- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)
- Driver: AD LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120V-277VAC, 50/60Hz. Integrated thermal fold-backmanagement to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

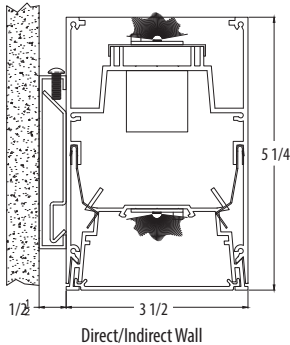
Listings
 CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION		Specifications subject to change.										Example: S4LWID 4FT 1N35WG 2H35ADAS 120 SLV N80									
Series		Length		Distribution		Lumens		Color temp		Driver		Distributions		Voltage		Finish		Controls			
S4LWID	Direct/Indirect Wall Mounted	2FT	2'	1	Direct Distribution	N	Normal Output	30	3000K ≥ 80 CRI	AD	Constant current, 0- 10v, 2% dimming	Direct	No Optics	120	WHT	White	N100	N100 - nLight without lumen management			
		3FT	3'	2	Indirect Distribution	H	High Output	35	3500K ≥ 80 CRI	HI		Constant current, 0- 10v, 1% dimming to off		(blank)	Wall Graze Distribution	277	BLK			Black	N80
		4FT	4'								WG		N80EMG	N80 - nLight with 80% lumen management							
		5FT	5'								Indirect					N80EMG	N80 - nLight 80% lumen management for use with generator supply EM power				
		6FT	6'								(blank)							No Optics			
		7FT	7'								AS							Asymmetric Distribution			
		8FT	8'								DC							Dust Cover (Clear)	N100EMG	N100 - nLight without lumen management for use with generator supply EM power	
		_FT. Specify continuous run length (in whole feet)		OCS ² Integrated Occupancy Sensor/Photocell																	
ECO Lutron EcoSystem Interface Module																					
NX Dimming, No nLight																					
EMPK ³ Emergency Battery Pack																					

ADDITIONAL INFORMATION For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



- Notes**
- Consult factory for 2' length.
 - Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
 - Remote mounted; consult factory for remote mounting options.

Intended Use

Slot 4 LED takes both form and function a step further by integrating a LED light source to provide a luminaire that is perfect where visually harmonious illumination and energy efficiency are desired. Through an optional Xicato® LED downlight component, Slot 4 LED integrates point-source lighting with general illumination. A regressed lens option provides added dimension to the sleek, slender design. Slot 4 LED is a natural choice for spaces that emphasize basic lines and clean design.

Features

- Housing: Nominal 3.5" x 3.5" extruded aluminum housing
- Finish: White, Black or Silver powdercoat
- Reflector: Extruded aluminum with high reflectance powdercoat

- Shielding: Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance. Clear Acrylic dustcover is available for the indirect distribution
- LED Components Linear: Nichia® - 757S LED chips (>80 CRI)
- Driver: AD LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120V-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off

Listings

CSA Certified to meet U.S. and Canadian standards, and IBEW (Local 3) Union-made in the USA.

SLOT 4 LED

Surface Mount

**ORDERING INFORMATION**

Specifications subject to change.

Example: S4LS 2FT 1N35ADWW L735RD WHT N80

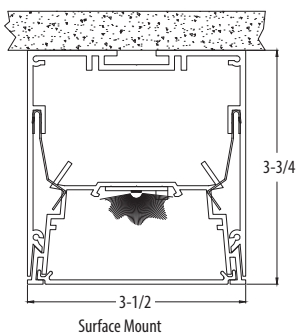
Series	Length	Direct distribution	Lumens	Color temp	Driver	Optics	Downlights ^{2,3}
S4LS Surface mount	2FT ¹ 2' 3FT 3' 4FT 4' 5FT 5' 6FT 6' 7FT 7' 8FT 8' _FT. Specify continuous run length (in whole feet)	1 Direct Distribution	N Normal Output H High Output	30 3000K ≥ 80 CRI 35 3500K ≥ 80 CRI 40 4000K ≥ 80 CRI	AD Constant current, 0 - 10v, 2% dimming HI Constant current, 0 - 10v, 1% dimming to off	(blank) No Optics WW Wall Washer WG Wall Graze Distribution	(blank) Linear LED only L7 10W LED MR16 (700ml)

Downlights color temp	Downlight aperture	Voltage	Finish	Controls
(blank) Linear LED only	RD Round	120	WHT White	N100 N100 - nLight without lumen management
27 2700K ≥ 80 CRI	SQ Square	277	BLK Black	N80 N80 - nLight with 80% lumen management
30 3000K ≥ 80 CRI			SLV Silver	N80EMG N80 - nLight 80% lumen management for use with generator supply EM power
35 3500K ≥ 80 CRI				N100EMG N100 - nLight without lumen management for use with generator supply EM power
41 4100K ≥ 80 CRI				OCS ⁴ Integrated Occupancy Sensor/Photocell
				ECO Lutron EcoSystem Interface Module
				NX Dimming, No nLight
				EMPK ⁵ Emergency Battery Pack

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

**Notes**

- Consult factory for 2' length.
- Downlights are not adjustable and are provided with a solite lens.
- MR16 modules are supplied at each end of individual unit. For other configurations, consult factory.
- Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- Remote mounted; consult factory for remote mounting options.

SLOT 6



Intended Use

Slot 6, the most versatile member of the Slot family, offers endless creative possibilities. It also boasts higher efficiencies and lamping flexibility, and it's a perfect fit for Armstrong TechZone™ ceiling systems.

Featuring an optional halogen or metal halide MR16 downlight component, Slot 6 offers not only the ability to integrate point-source lighting with general illumination, but also the ability to utilize the sleek, clean Slot profile for point-source-only illumination. Slot 6 is available with a frosted clear acrylic lens or parabolic baffle.

Features

- Housing: Nominal 6" x 3-ft., 4-ft., 5-ft., 6-ft. or 8-ft. units fabricated from 20-gauge, cold-rolled steel
- Finish: Standard trim finish is baked white enamel. MR16 trim is matte black (standard) or white

- Reflector: Precision-formed steel. Painted white, 91% reflectivity
- Shielding: Nominal 1/4"-thick frosted clear acrylic with rabbeted ends to prevent light leaks against downlight components
- Lamps: (1) or (2) T5, T5HO or T8 lamps
- (2) MR16 (max. 50W) or MH MR16 (max. 39W) lamps for optional downlight component. All lamps provided by others
- Mounting: Recessed - Available for sheetrock, 9/16" slot grid or 15/16" inverted tee ceilings, or 9/16" inverted tee
- Unit is compatible with Armstrong TechZone™ ceiling system. Consult factory for other ceiling types

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

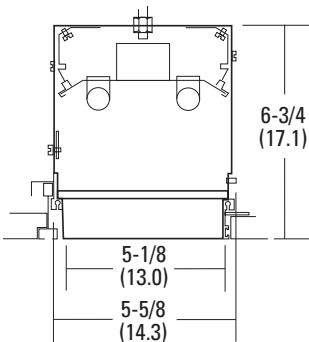
Example: SL6F 4FT DF 2T5 GEB10PS 120 FA

Series		Length		Downlights ¹		Ceiling type ³		Number of lamps/ Lamp type		Ballast		Voltage	Shielding		Options	
SL6R	Slot 6 Regressed	2FT	2'	(blank)	Fluorescent only	DF	9/16" slot grid or 15/16" inverted tee	Number of lamps	Lamp type	GEB10IS ⁷	Standard instant start	120	FA	1/4" thick clear frosted acrylic	EMPK	Emergency Battery Pack
SL6F	Slot 6 Flush	3FT	3'	M	50W MR16	TG	9/16" inverted tee grid with tegular files	1	T5	GEB10PS	Programmed rapid start	277	PB	Semi-diffuse parabolic baffle	WHD	White MR16 trim
		4FT	4'					MH20 ²	20W MH MR16	NFL ³	T5HO	GEB10DIM				
		5FT	5'	MH39 ²	39W MH MR16	T8	DMHL3D									
		6FT	6'					GB ⁶	Gypsum board (sheetrock)	T5S ^{2,4}	ECOS	Lutron Eco System®				
		8FT	8'	FL	5/8" flange (sheetrock)	T5HO ^{2,4}	ECOSH									
		_FT.	Specify continuous run length (in whole feet)													

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Slot 6 STAG DF/GB

Notes

- MR16 modules are supplied at each end of individual, for other configurations, consult factory.
- Fixture depth increases to 6-3/4" for these options.
- No fluorescent lamp; metal plate with downlights spaced 2" on center (minimum).
- S = Staggered lamping.
- Fluorescent only. Consult factory for lamp and ballast compatibility.
- Not intended for post sheetrock installation.
- Available with T8 lamping ONLY.



Intended Use

Slot 6 LED, the most versatile member of the Slot family, offers endless creative possibilities. It also boasts higher efficiencies and layout flexibility, and it's a perfect fit for Armstrong TechZone™ ceiling systems. Through an optional Xicato® LED downlight component, Slot 6 LED integrates point-source lighting with general illumination, and a regressed lens option provides added dimension to the sleek, slender design. Slot 6 LED is a natural choice for spaces that emphasize basic lines and clean design.

Features

- Housing: 6" x 2', 3', 4', 5', 6', 7' or 8' units fabricated from cold-rolled steel 20ga. Ceiling trim is extruded aluminum. Downlight component (where applicable) is die-cast aluminum
- Finish: Matte white. MR16 trim is matte black (standard) or white

- LED Components: Linear: Nichia® - 757A - V1 LED chips (>80 CRI)
- Driver: AD LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120V-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off
- Mounting: Recessed. Available for sheetrock, 9/16" slot grid or 15/16" inverted tee ceilings, or 9/16" inverted tee. For Hunter Douglas Techstyle® or other ceiling types, consult factory

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Union-made in the USA.

SLOT 6 LED



eldoLED™

**ORDERING INFORMATION**

Specifications subject to change.

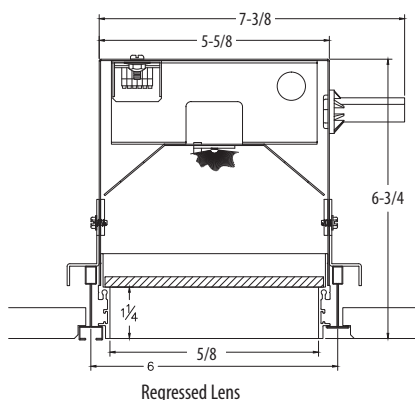
Example: S6LR 4FT FL N35HI 277 HT L735 WHT N80

Series	Length	Ceiling trim	Linear LED output ²	Linear LED color temp	Driver	Voltage	Shielding
S6LR Regressed	2FT 2'	FL 5/8" Flange (sheetrock)	N Normal Output	30 3000K ≥ 80 CRI	AD 100W constant Current Driver, 0-10V 2% Dimming	120	SW 1/4" P95 opal acrylic
S6LF Flush Lens	3FT 3'	TG 9/16" Flat or Inverted Tee	H High Output	35 3500K ≥ 80 CRI		277	HT 90% transmissive textured polycarbonate
	4FT 4'	GB ¹ Trimless (sheetrock)		40 4000K ≥ 80 CRI	HI Constant current, 0-10v, 1% dimming to off		
	5FT 5'						
	6FT 6'						
	8FT 8'						
	_FT. Specify continuous run length (in whole feet)						

Downlights ^{3,4,5}	LED Downlight color temp	LED Downlight trim color	Integrated controls	Options
(blank) Linear LED only	27 2700K ≥ 80 CRI	WHT White Trim	N100 N100 nLight with outLumen management	CP ⁷ Chicago plenum
L10 14W LED Module (1000lm)	30 3000K ≥ 80 CRI	BLK Black Trim	N80 N80 nLight with 80% Lumen management	EMPK ⁹ Emergency Battery Pack
L7 10W LED Module (700lm)	35 3500K ≥ 80 CRI		N80EMG N80 nLight with 80% Lumen management. For use with generator supply EM power	
LR ⁸ Retro-fit LED MR16	41 4100K ≥ 80 CRI		N100EMG N100 nLight with out Lumen management. For use with generator supply EM power	
			NX Dimming, No nLight	
			ECO Lutron Ecosystem Interface Module	
			OCS ⁶ Integrated occupancy/photocell	

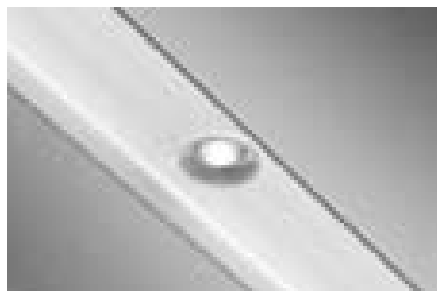
**ADDITIONAL INFORMATION**For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not intended for post sheetrock installation.
- Delivered lumens are variable and contingent on LED color temperature and fixture configuration.
- MR16 modules are supplied at each end of individual unit. For other configurations, consult factory.
- 2'-0" L fixtures are not available with downlights, 3'-0" L fixtures with downlights require a remote driver.
- Downlights are not adjustable and are provided with a solite lens.
- Occupancy/Photocell sensors are supplied at one end of individual unit. Fixtures with downlights require a remote sensor, location by others.
- Chicago plenum not available for fixtures with integrated downlights.
- Not available with 277V. Retro-fit lamps by others.
- Remote mounted; consult factory for remote mounting options.

BIFOCAL



Intended Use

BiFocal provides both general illumination and pointsource lighting in one elegantly simple luminaire. MR16 lamps that appear to float within the lens provide accent downlighting, while T5, T5HO or T8 lamps offer general illumination. The MH version uses metal halide MR16 lamps for crisp, energy-efficient accent lighting.

Both versions require a minimum spacing of 2 feet on center for the MR16 lamps. Units can be continuously row mounted or spaced individually and are compatible with Armstrong TechZone™ ceiling systems.

Features

- Housing: Nominal 6" wide x 3-ft., 4-ft., 5-ft., 6-ft. or 8-ft. long housing fabricated from 20-gauge, cold-rolled steel
- Standard finish for regressed trim is baked white enamel. Please specify other finishes

- Downlight trim finish is matte black (standard) or white
- Reflector: Precision-formed steel. Painted white, 91% reflectivity
- Shielding: Nominal 1/4"-thick frosted clear acrylic
- Lamps: (1) or (2) T8, T5 or T5HO lamps. BiFocal 6: Maximum 50W MR16 downlight; BiFocal 6 MH: Maximum 20W or 39W MH MR16 lamps. Lamps provided by others
- Mounting: Recessed. Available for sheetrock ceilings, 9/16" slot grid or 15/16" inverted tee, or regular tile with 9/16" grid
- Unit is compatible with Armstrong TechZone™ ceiling system. Consult factory for other ceiling types

Listings

ETL Listed, IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

Example: BFL/MH20 4FT GB 2T5 GEB10PS 120 FA

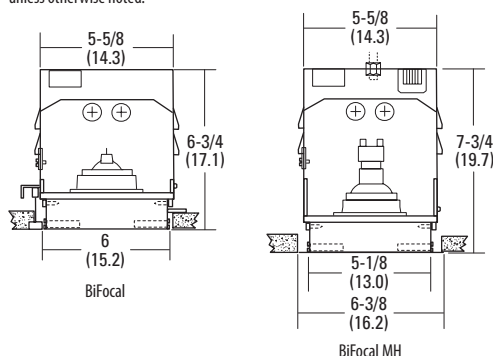
Series	Length	Ceiling type ²	Number of lamps/Lamp type ^{3,4}
BFL BiFocal	2FT 2' w/one downlight (max.)	DF 9/16" slot grid or 15/16" inverted tee	1 T5
BFL/MH20 ¹ BiFocal MH 20W	3FT 6" x 3' w/one downlight (max.)	TG Tegular tile with 9/16" grid	2 T5HO
BFL/MH39 ¹ BiFocal MH 39W	4FT 6" x 4' w/two downlights (max.)	GB ⁶ Gypsum board (sheetrock) Flangeless	T8
	5FT 6" x 5' w/two downlights (max.)	FL 5/8" flange (sheetrock)	
	6FT 6" x 6' w/three downlights (max.)		
	8FT 6" x 8' w/four downlights (max.)		
	_FT. Specify continuous run length (in whole feet)		

Ballast	Voltage	Shielding	Options
GEB10IS ⁷ Standard instant start	120	FA 1/4" thick clear frosted acrylic	EMPK Emergency Battery Pack
GEB10PS Programmed rapid start	277		WHD White downlight trim
GEB10DIM Dimming, 0-10v	347 ⁵		CP Chicago plenum
DMHL3D Lutron Hi-lume® 3D			MLV ¹ Magnetic low-voltage transformer
ECOS Lutron Eco System®			
ECOSH Lutron Eco System H-Series			
ADZT Advance Mark 7			

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Fixture depth increases to 7 3/4" for these options.
- Consult trim detail sheet for additional information.
- Each 6' and 8' unit contains 2 sets of fluorescent lamps in tandem.
- Each downlight requires one maximum 50W MR16, or 20W or 39W MH MR16 lamp.
- Fluorescent only. Consult factory for lamp and ballast compatibility.
- Not intended for post sheetrock installation.
- Available with T8 lamping ONLY.

Intended Use

The low-profile, energy-efficient Datum allows you to put lighting where you need it. With versions as shallow as 2 5/16 inches, Datum is perfect in situations where plenum space is restricted. The 6-inch version is compatible with Armstrong TechZone™ ceiling systems, making it easy to accommodate components such as low-voltage downlighting, sprinklers, speakers and air returns.

Datum seamlessly blends architectural elegance and clean, simple styling with optimum luminance control and efficiencies as high as 84.5 percent.

Features

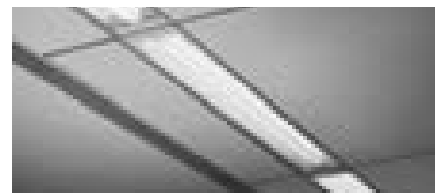
- Housing: Die-formed, 20-gauge, cold-rolled steel

- End caps and joiners are die-cast aluminum for 6" wide units and formed cold-rolled steel for 1' wide units
- Finish: Powder-coated, baked matte white enamel
- Reflector: Precision-contoured, heavy-gauge extruded aluminum for 6" unit
- Lens: Co-extruded translucent acrylic
- Lamps: (1) T5 or T5HO (6" and 1' wide versions); (2) T5 or T5HO (1' wide versions)
- Mounting: Recessed grid; 6" wide units are compatible with Armstrong TechZone™ ceiling system

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

DATUM



Example: DAT RD SS 14 G9 2T5 GEB10PS 120

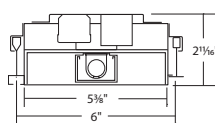
ORDERING INFORMATION		Specifications subject to change.									
Series	Reflector	Lens	Size	Ceiling type	Number of lamps/ Lamp type ¹		Ballast	Voltage	Options		
DAT Datum	RD Rounded	SS Square smooth	4FT 6"W X 4'-0"	G9 15/16" inverted tee	1	T5	GEB10PS	120	EMPK	Emergency	Battery Pack
	RT Rectangular	SR Square ribbed	5FT 6"W X 5'-0"	DF 9/16" slot grid or superfine (For TechZone specify grid type.)	2	T5HO	GEB10DIM	277	CP	Chicago	plenum
		RS Round smooth	14 1' x 4'				DMHL3D	347 ²			
		RR Round ribbed	15 1' x 5'				ECOS				
			_FT. Specify continuous run length (in whole feet), 6"W units ONLY				ECOSH				
							ADZT	Advance Mark 7			

ADDITIONAL INFORMATION

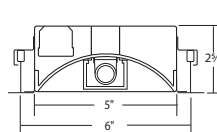
For additional product information, visit www.marklighting.com.

CONFIGURATIONS			
SIZE	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE
6" wide	1	1	T5, T5HO
1' wide	1 or 2	1 or 2	T5, T5HO

6IN DF 1T5 RT



6IN G9 1T5 RD



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- Lamps per cross section. See configurations table.
- Consult factory for lamp and ballast compatibility.

PRODUCT INFORMATION**Intended Use**

The low-profile, energy-efficient Datum allows you to put lighting where you need it. With versions as shallow as 2 5/16 inches, Datum is perfect in situations where plenum space is restricted. The 6-inch version is compatible with Armstrong TechZone™ ceiling systems, making it easy to accommodate components such as low-voltage downlighting, sprinklers, speakers and air returns.

Datum seamlessly blends architectural elegance and clean, simple styling with optimum luminance control and efficiencies as high as 84.5 percent.

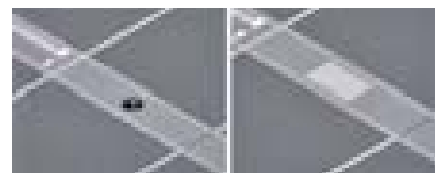
Features

- Housing: Die-formed, 20-gauge, cold-rolled steel
- Panels are available with 6" fixture only
- Complete modular system accommodates sprinklers, low-voltage downlights, speakers, air returns and blank panels

Listings

UL Listed, IBEW (Local 3) Union-made in the USA.

DATUM PANEL

**ORDERING INFORMATION**

Specifications subject to change.

Example: DATPNL 62 G9 120 INT SP

Series	Size	Ceiling type	Voltage	Run information	Panel insert				
DATPNL Datum panel	62 6" x 24"	G9 15/16" inverted tee	120	B/E Beginning/end of row (with cross tees)	MR/LED ¹	LED downlight	SP ³	Sprinkler panel	
	63 6" x 30"	DF 9/16" slot grid or superfine	277	INT Intermediate (no cross tees)	MR/MH20 ¹	20W MH MR16 downlight	BL	Blank panel	
					MR/MH39 ¹	39W MH MR16 downlight	SK ³	Speaker panel	
					MR/LV ^{1,2}	Low voltage MR16 downlight	AR	Air return panel	

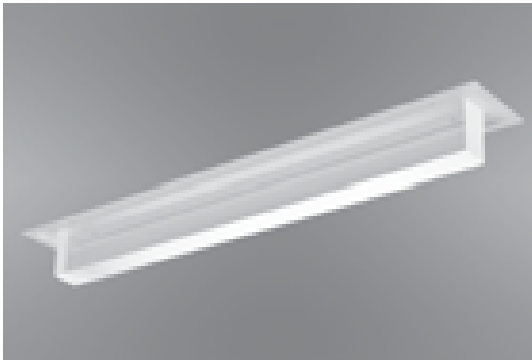
ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Notes

- Depth is 4-1/2" for MR panels.
- MR/LV is 50W maximum.
- Speaker and sprinkler panels are prepared to accept those items by others.

FIN



Intended Use
Fin is a decorative accent fixture with a clean, geometric form that complements any environment. Versatile and ornamental, it is perfect for making an aesthetic statement, creating intriguing patterns of light or enhancing other design elements.

Fin can be mounted horizontally or vertically and is available in a choice of clear sides with frosted edges or frosted sides with frosted edges. Lengths range from 2 to 8 feet, and the depth below the fixture door can be 2, 3 or 4 inches.

- Features**
- Housing and internal components fabricated from 20-gauge, cold-rolled steel
 - Finish: Matte white

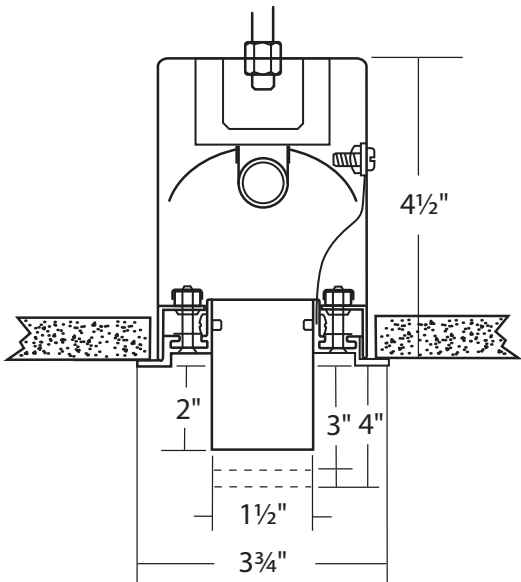
- Reflector: Precision-formed steel; white
- Nominal 1 1/2"-thick acrylic fin
- (1) T5 or T5HO lamp. Lamps provided by others
- Thermally protected Class P energy-saving electronic ballast
- Recessed in sheetrock ceiling; rod-mounted to structure
- Consult factory for other ceiling types

Listings
cULus Listed, and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION				Specifications subject to change.				Example: FIN 2FT 2D 1T5 GEB10PS 120 CF EMPK							
Series		Length		Fin Depth Below Face of Door		No. of lamps/Lamp type ¹		Ballast		Voltage		Finish		Options	
FIN	Fin	2FT	2'	2D	2"	1	T5 T5SHO	GEB10PS	Programmed rapid start	120	CF	Clear sides, frosted edges		EMPK	Emergency Battery Pack
		3FT	3'	3D	3"			GEB10DIM	Dimming, 0-10v	277	FF	Frosted sides, frosted edges			
		4FT	4'	4D	4"			DMHL3D	Lutron Hi-lume® 3D	347 ²					
		5FT	5'					ECOS	Lutron Eco System®						
		6FT	6'					ECOSH	Lutron Eco System H-Series						
		8FT	8'					ADZT	Advance Mark 7						

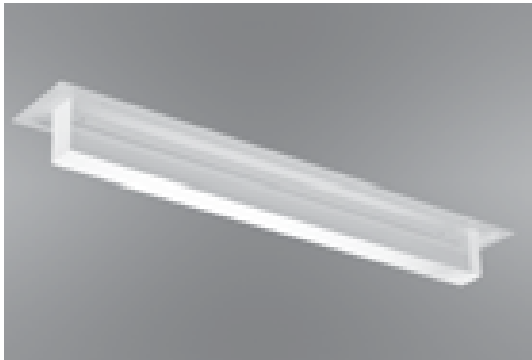
ADDITIONAL INFORMATION For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



- Notes**
- ¹ Consult factory for other lamps and for LED options.
 - ² Consult factory for lamp and ballast compatibility.

FIN LED



Intended Use

Fin LED is a decorative accent fixture with a clean, geometric form that complements any environment. Versatile and ornamental, it is perfect for making an aesthetic statement, creating intriguing patterns of light or enhancing other design elements.

Fin can be mounted horizontally or vertically and is available in a choice of clear sides with frosted edges or frosted sides with frosted edges. Lengths range from 2 to 8 feet, and the depth below the fixture door can be 2, 3 or 4 inches.

Features

- Housing and internal components fabricated from 20-gauge, cold-rolled steel
- Finish: Matte white
- Reflector: Precision-formed steel; white

- Nominal 1 1/2"-thick acrylic fin
- LED Components: Linear: Nichia® - 757A -V1 LED chips (>80 CRI)
- Driver: AD LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120V-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating
- HI LED Driver option allows superior 0 - 10V dimming, flicker-free 100% to off
- Mounting: Recessed in sheetrock ceiling; rod-mounted to structure.
- For other ceiling types, consult factory

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

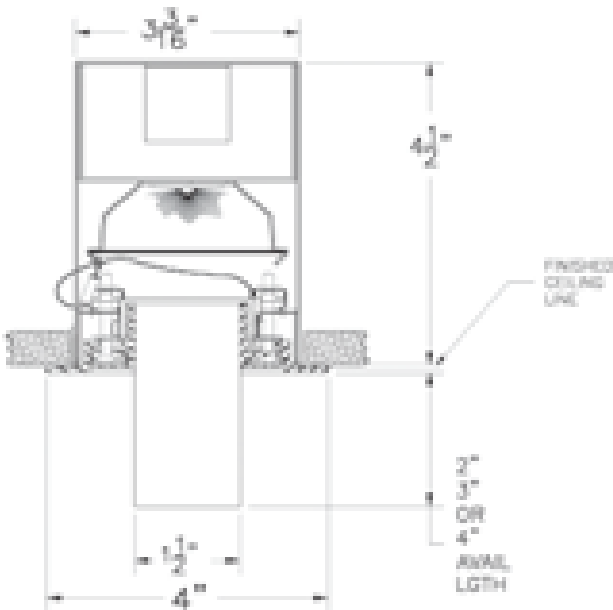
Example: FINL 2FT 2D N35AD 120 CF N80

Series		Length	Fin depth below face of door		Linear LED output		Linear LED color temp		Driver		Voltage	Finish		Integrated controls		Options							
FINL	Fin LED	2FT 2'	2D 2"	N	Normal Output	30	3000K ≥ 80 CRI	AD	Current Driver, 0-10V 10% Dimming	120	CF	Clear sides, frosted edges	N100	N100 nLight with out Lumen mgt	CP	Chicago plenum							
		3FT 3'	3D 3"			35	3500K ≥ 80 CRI			277			N80	N80 nLight with 80% Lumen mgt									
		4FT 4'	4D 4"	H	High Output	40	4000K ≥ 80 CRI	HI	Current Driver, 0-10V 1% Dimming to Off	347	FF	Frosted sides, frosted edges	N80EMG	N80 nLight with 80% Lumen mgt for use with generator supply EM power			EMPK'	Emergency Battery Pack					
		5FT 5'																					
		6FT 6'																				N100EMG	N100 nLight with out Lumen mgt for use with generator supply EM power
		8FT 8'																				NX	Dimming, No nLight
												ECO	Lutron Ecosystem Interface Module										

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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Notes
1 Remote mounted; consult factory for remote mounting options.

VEIL



Intended Use

Like a thin and delicate piece of fabric, Veil softens, warms and enhances light. A flexible, translucent PVC membrane provides the shielding that gently scatters light to give Veil its superior diffusing qualities.

The almost sky-like light warms the appearance of interior environments, and with its wide range of standard and custom sizes, Veil is able to provide soft volumetric illumination for almost any room.

Features

- Housing: Nominal 1'x4', 2'x2', 2'x4', 4'x4', or 5'x5' housing fabricated from 20-gauge, cold-rolled steel
- Standard finish is matte white

- Reflector: Precision-formed steel. Painted white, 91% reflectivity
- Shielding: Flexible, translucent white PVC membrane with clear overlay membrane assembled to extruded aluminum frame door
- Lamps: T5, T5HO, T8, 40W BX, or 50W BX lamps. See Configurations table for lamp quantities
- Ceiling trims designed to accommodate: 9/16" slot grid, 15/16" grid, 15/16 concealed Tee and drywall installations. Consult factory for other ceiling types

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

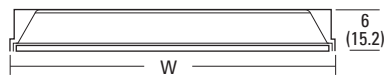
Example: VL 22 DF 2T5 GEB10PS 120 EMPK

Series	Size	Ceiling Trim	Number of lamps/Lamp type ³		Ballast	Voltage	Options
VL Veil	14 1' x 4'	DF 15/16" Grid, 9/16" Slot Grid	Number of lamps	Lamp type³	GEB10PS	Programmed rapid start	120
	22 2' x 2'	GB ² 15/16" Concealed Tee, Trimless (sheetrock)	1	T5	GEB10IS ⁴	Instant start	277
	24 2' x 4'		2	T5HO	GEB10DIM	Dimming, 0-10v	347
	44 ¹ 4' x 4'		3	T8	DMHL3D	Lutron Hi-lume® 3D	
	55 ¹ 5' x 5'		4	40BX	ECOS	Lutron Eco System®	
			6	50BX	ECOSH	Lutron Eco System H-Series	
			8		ADZT	Advance Mark 7	

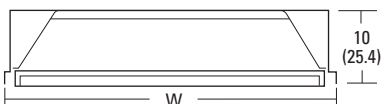
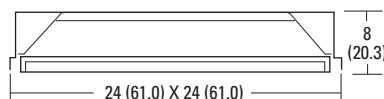
ADDITIONAL INFORMATION

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	1 X 4	2 X 4	4 X 4	5 X 5
Length:	48 (121.9)	48 (121.9)	48 (121.9)	60 (152.4)
Width:	12 (30.5)	24 (61.0)	48 (121.9)	60 (152.4)



	1 X 4	2 X 2	2 X 4	4 X 4	5 X 5
Length:	48 (121.9)	24 (61.0)	24 (61.0)	48 (121.9)	60 (152.4)
Width:	12 (30.5)	24 (61.0)	48 (121.9)	48 (121.9)	60 (152.4)

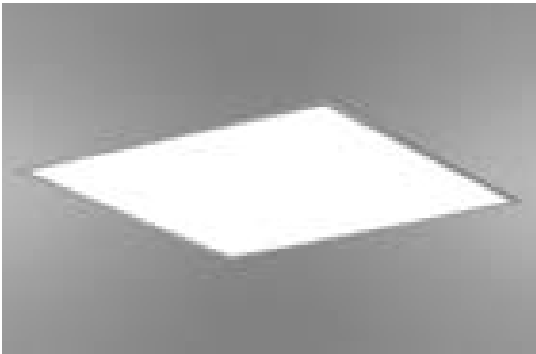
CONFIGURATIONS

SIZE	LAMP TYPE	6" DEPTH	8" DEPTH	10" DEPTH
1' x 4'	T5, T5HO, T8	2, 3 lamps	--	1 lamp
2' x 2'	BX, T5, T5HO, T8	--	3, 4 lamps	2 lamps
2' x 4'	T5, T5HO, T8	3, 4 lamps	--	2 lamps
4' x 4'	T5, T5HO, T8	6, 8 lamps	--	4 lamps
5' x 5'	T5, T5HO, T8	6, 8 lamps	--	4 lamps

Notes

- 4'x4' and 5'x5' units require support to structure.
- Not intended for post sheetrock installation.
- Specify number of lamps and lamp type. See configurations table.
- Available with T8 lamping ONLY.

VEIL LED



Intended Use

Like a thin and delicate piece of fabric, Veil softens, warms and enhances light. A flexible, translucent PVC membrane provides the shielding that gently scatters light to give Veil its superior diffusing qualities.

The almost sky-like light warms the appearance of interior environments, and with its wide range of standard and custom sizes, Veil LED is able to provide soft volumetric illumination for almost any room.

Features

- Standard finish is matte white
- Shielding: Flexible, translucent white PVC membrane with clear overlay membrane assembled to extruded aluminum frame door
- Nichia® - 757A-V1 LED chips (>80 CRI)
- AccuDrive LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal fold-back management to prevent over heating.

- HI driver option provides superior 0-10V dimming, flicker-free 100% to off, universal voltage 120/277, 50/60Hz
- The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. The color a variation of no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board
- Standard nLight® embedded controls make luminaire addressable- allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard CAT5 Cabling
- Ceiling trims designed to accommodate: 9/16" slot grid, 15/16" grid, 15/16 concealed Tee and drywall installations. Consult factory for other ceiling types

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

Example: VLD 22 DF N35AD 120 N80 CP

Series		Size		Ceiling Trim		LED Output		LED Color Temp		Driver		Voltage	Integrated Controls		Options		
VLD	Veil LED	14	1' x 4'	DF	15/16" Grid, 9/16" Slot Grid	N	Normal Output	30	3000K ≥ 80 CRI	AD	Constant Current Driver, 0 - 10v Dimmable	120 277	N100	N100 nLight without lumen mgt	CP	Chicago plenum	
		22	2' x 2'		35		3500K ≥ 80 CRI	N80	N80 nLight with 80% lumen mgt								
		24	2' x 4'	GB ²	15/16" Concealed Tee, Trimless (sheetrock)	H	High Output	40	4000K ≥ 80 CRI	HI	Constant Current Driver, 0-10V, 1% Dimming to off	N80EMG	N80 nLight with 80% lumen mgt for use with generator supply EM power	EMPK ³			Emergency Battery Pack
		44 ¹	4' x 4'		N100EMG							N100 nLight without lumen mgt for use with generator supply EM power					
		55 ¹	5' x 5'		NX ECO							Dimming, No nLight Lutron Ecosystem Interface module					

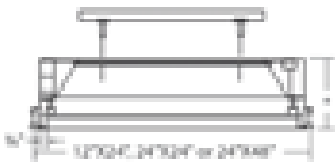
ADDITIONAL INFORMATION

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VEIL 4X4 OR 5X5



VEIL 1X4, 2X2, & 2X4

- Notes
- 1 4'x4' and 5'x5' units require support to structure.
 - 2 Not intended for post sheetrock installation.
 - 3 Remote mounted; consult factory for remote mounting options.

WHISPER



Intended Use

Gently sloping side panels give Whisper its depth and appealing angles. Whether units are installed in rows or individually, the look is artfully clean and simple.

Multiple lens options for the center and side panels allow you to achieve the appropriate design and illumination for each space. Whisper is available in 1' x 4', 2' x 2' and 2' x 4' sizes, and it fits perfectly in a variety of business and institutional settings including offices, schools and hospitals.

Features

- Housing: Nominal 1'x4', 2'x2' or 2'x4' housings fabricated from 20-gauge, cold-rolled steel
- Standard finish is matte white. Specify other finishes
- Operable Door Frame with encapsulated lens (WHSD)

- Reflector: Precision-formed steel. Painted white, high reflectance white powder coat
- Shielding: Center Panel: Clear linear prismatic, soft-white acrylic or K20 prismatic lens
- Clear linear prismatic, soft-white acrylic or K20 prismatic lens
- Lamps: (1) or (2) T5, T5HO or T8 for 1'x4', or 2'x4'; (2) T5, T5HO, T8, 40W BX or 50W BX for 2'x2'
- Universal trim, accommodates 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

Example: WHS 22 2T5 GEB10IS 120 SWC SWO

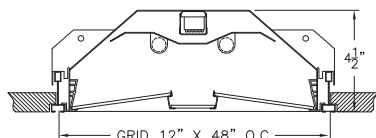
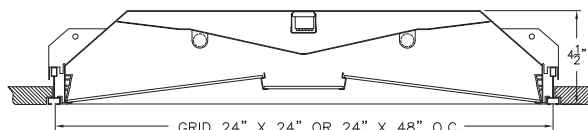
Series	Size	Number of lamps/ Lamp type ^{1,2}		Ballast	Voltage	Shielding (center)	Shielding (sides)	Options
WHS	Whisper	14	1' x 4'	Number of lamps ¹	120	SWC	SWO	EMPK
WHSD	Whisper w/Door	22	2' x 2'	Lamp type ²		LRC	LRO	CP
		24	2' x 4'	1		K20C	K200	AR
				2				35
				T5				3 1/2" depth (T5 only)
				T5HO				
				T8				
				40BX				
				50BX				
				GEB10IS ³	Standard instant start			
				GEB10RS	Programmed rapid start			
				GEB10DIM	Dimming, 0-10v			
				DMHL3D	Lutron Hi-lume® 3D			
				ECOS	Lutron Eco System®			
				ECOSH	Lutron Eco System H-Series			
				ADZT	Advance Mark 7			

ADDITIONAL INFORMATION

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CONFIGURATIONS			
SIZE	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE
1' x 4'	1, 2	1, 2	T5, T5HO, T8
2' x 2'	2	2	T5, T5HO, T8, 40BX, 50BX
2' x 4'	2	2	T5, T5HO, T8

Notes

- Lamp per cross section. See configurations table.
- Consult factory for other lamps.
- Available with T8 lamping ONLY.
- Consult factory for lamp and ballast compatibility.

Intended Use

Gently sloping side panels give Whisper LED its depth and appealing angles. Whether units are installed in rows or individually, the look is artfully clean and simple.

Multiple lens options for the center and side panels allow you to achieve the appropriate design and illumination for each space. Whisper LED is available in 1' x 4', 2' x 2' and 2' x 4' sizes, and it fits perfectly in a variety of business and institutional settings including offices, schools and hospitals.

Features

- Shielding options are as follows:
Center Panel: Soft-white acrylic or Micro prismatic conical de-glaring lens. Side Panels: Soft-white acrylic
- Reflector: Precision-formed steel. Painted white, high reflectance white powder coat

- LED Components Nichia® - 757A-V1 chips (>80CRI)
- Driver(s): AD driver option allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. HI driver option provides superior 0-10V dimming, flicker-free 100% to off, universal voltage 120/277, 50/60Hz
- Universal trim, accommodates 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Union-made in the USA.

WHISPER LED

**ORDERING INFORMATION**

Specifications subject to change.

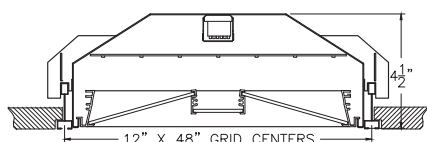
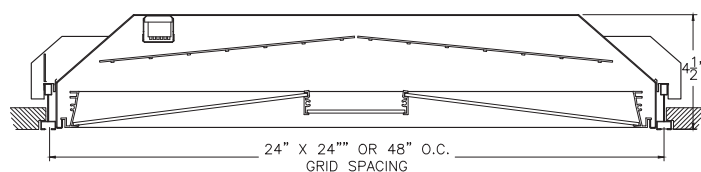
Example: WHSL 22 N35AD 120 SWC SWO N80 CP

Series	Size	Linear LED output ¹	Linear LED color temp	Driver	Voltage	Shielding (center)	Shielding (sides)	Integrated controls	Options
WHSL Whisper LED	14 1' x 4'	N Normal Output	30 3000K ≥ 80 CRI	AD constant Current Driver, 0-10V 10% Dimming HI constant Current Driver, 0-10V 1% Dimming to Off	120 277	SWC Soft-white acrylic YBC Micro-prismatic conical de-glaring lens	SWO Soft-white acrylic	N100 N100 nLight without lumen mgt	CP Chicago plenum EMPK ² Emergency Battery Pack
	22 2' x 2'	H High Output	35 3500K ≥ 80 CRI					N80 N80 nLight with 80% lumen mgt	
	24 2' x 4'		40 4000K ≥ 80 CRI					N80EMG N80 nLight with 80% lumen mgt for use with generator supply EM power N100EMG N100 nLight without lumen mgt for use with generator supply EM power NX Dimming, No nLight ECO Lutron Ecosystem Interface Module)	

**ADDITIONAL INFORMATION**

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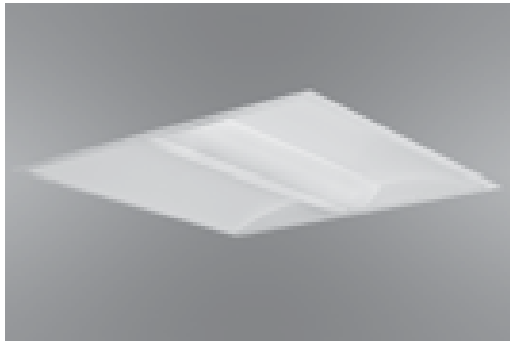


LUMEN-WATTAGE						
SIZE	LED OUTPUT	COLOR TEMP	SHEILDING	SYSTEM WATTS	DELIVERED LUMENS	LM/W DELIVERED
2' x 2'	Normal (N)	3500K	SWSW	31	2817	91
2' x 2'	Hi (H)	3500K	SWSW	53	4762	89
1' x 4'	Normal (N)	3500K	SWSW	31	2642	84
1' x 4'	Hi (H)	3500K	SWSW	54	4782	88
2' x 4'	Normal (N)	3500K	SWSW	48	4200	87
2' x 4'	Hi (H)	3500K	SWSW	81	7792	81

Notes

- Refer to Chart for wattage and lumen outputs.
- Remote mounted; Consult factory for remote mounting options.

NOL



Intended Use

With its distinctive and elegant styling, unique design elements, and high efficiency, the Nol series is ideal for a wide range of environments.

A compact form, center reveal, decorative accents and multiple lensing options all contribute to Nol's aesthetic appeal, while efficiencies as high as 88%, shallow plenum depth and a quick-release ballast/lamp chamber are among its practical benefits. Nol's patent-pending install-from-below option virtually eliminates the need for space above the grid during installation

Features

- Fabricated from 20-gauge, cold-rolled steel

- Reflector: High-reflectance matte white
- Contoured acrylic lens diffusion system; available in clear, clear with overlay, clear frost and white frost; squared and rounded profiles
- (1), (2) or (3) T5 or T5HO in cross section. All lamps provided by others
- Accommodates 9/16" slot grid, 15/16" inverted tee, or 9/16" inverted tee
- Room-side access. Install-from-below option available

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

Example: NOL 22 G9 2 T5 GEB10PS 120 RWF

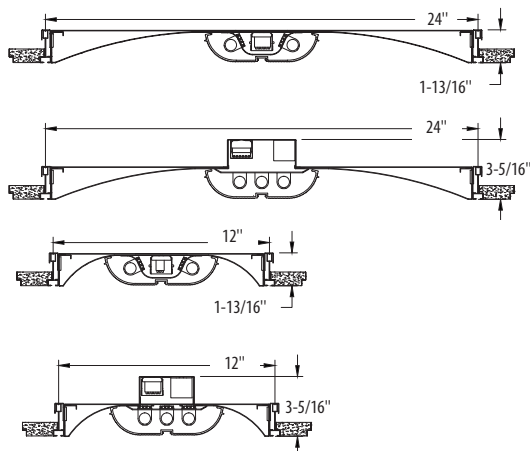
Series	Size	Ceiling type	No. of lamps	Lamp type	Ballast	Voltage	Shielding	Options				
NOL	Nol	14 1'x4'	G9 9/16" wide inverted tee	1'	T5	GEB10PS	Programmed rapid start	120	RCO	Rounded clear with overlay	EL8 ¹	Iota ISL54, 800 lumens (28/54W T5/T5HO)
		22 2'x2'		2	T5HO			277			EL14 ^{1,3}	Iota ISL540, 1300 lumens (54W T5HO only)
		24 2'x4'	G15 15/16" wide inverted tee	3'		GEB10DIM	Dimming 0-10V	347 ²	RCF	Rounded clear frost	Z	Install from below
			DF 9/16" slot grid			DMHL3D	Lutron Hi-lume® 3D		RWF	Rounded white frost	LP830	830 lamps installed
						ECOS	Lutron Eco System®		SCF	Squared clear frost	LP835	835 lamps installed
						ECOSH	Lutron Eco System H-Series		SWF	Squared white frost	LP841	841 lamps installed
						ADZT	Advance Mark 7				RP	Round perforated insert
											SP	Square perforated insert
											OP	Oblong perforated insert
											CP	Chicago plenum
											AR ⁴	Air return
											WH6	6' prewired whip
									EMPK ⁵	Emergency Battery Pack		



ADDITIONAL INFORMATION

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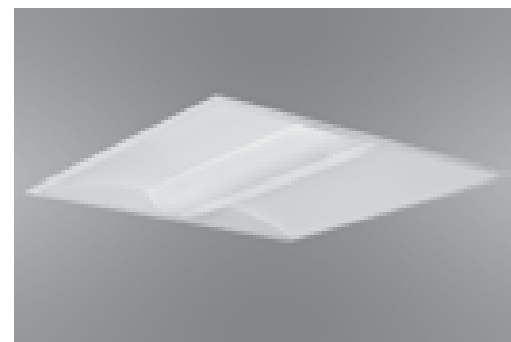
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Notes

- Increases fixture depth to 3".
- Consult factory for lamp and ballast compatibility.
- EL14 will be a remote ballast assembly.
- AR option not available with Z option.
- Remote mounted; consult factory for remote mounting options.

NOL LED



Intended Use

With its distinctive and elegant styling, unique design elements, and high efficiency, the Nol LED series is ideal for a wide range of environments. A compact form, center reveal, decorative accents and multiple lensing options all contribute to Nol LED's aesthetic appeal, while high efficiencies, shallow plenum depth provide the performance criteria to meet today's demanding design challenges.

Features

- Fabricated from 20-gauge, cold-rolled steel
- High-reflectance matte white
- Contoured acrylic lens diffusion system; available in clear with overlay, clear frost and white frost; squared and rounded profiles

- LED Components Nichia® - 757A-V1 chips (>80CRI)
- Driver: AD driver option allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz
- Accommodates 9/16" slot grid, 15/16" inverted tee, or 9/16" inverted tee
- Room-side access. Install-from-below option available (Z option)

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Union-made in the USA.

eldoLED™



ORDERING INFORMATION

Specifications subject to change.

Example: NOLLD 22 DF N35AD 120 RCF N80 CP

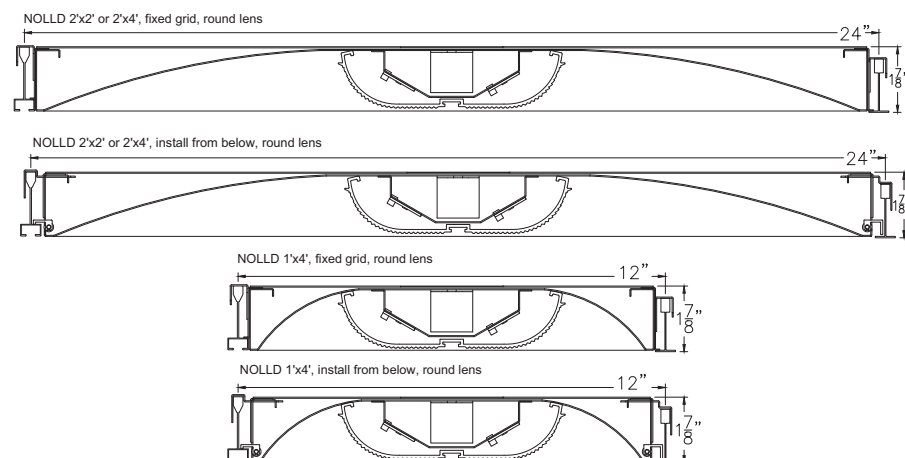
Series	Size	Ceiling type	Linear LED output ¹	Linear LED Color Temp	Driver	Voltage	Shielding	Integrated controls	Options
NOLLD Nol LED	14 1'x4'	G9 9/16" wide inverted tee	N Normal Output	30 3000K ≥ 80 CRI	AD constant Current Driver, 0-10V 2% Dimming	120 277	RCO Rounded clear with overlay	N100 N100 nLight without lumen mgt	Z Install from below
	22 2'x2'	G15 15/16" wide inverted tee	H High Output	35 3500K ≥ 80 CRI			RCF Rounded clear frost	N80 N80 nLight with 80% lumen mgt	RP Round perforated insert
	24 2'x4'			40 4000K ≥ 80 CRI			RWF Rounded white frost	N80EMG N80 nLight with 80% lumen mgt for use with generator supply EM power	SP Square perforated insert
		DF 9/16" slot grid					SCF Squared clear frost	N100EMG N100 nLight without lumen mgt for use with generator supply EM power	OP Oblong perforated insert
							SWF Squared white frost	NX Dimming, No nLight	CP Chicago plenum
								ECO Lutron Ecosystem Interface Module)	EMPK ² Emergency Battery Pack



ADDITIONAL INFORMATION

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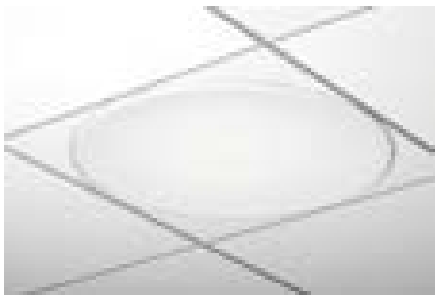


LUMEN-WATTAGE						
SIZE	LED OUTPUT	COLOR TEMP	SHEILDING	SYSTEM WATTS	DELIVERED LUMENS	LM/W DELIVERED
2' x 2'	Normal (N)	3500K	RCF	24	1860	75
2' x 2'	Hi (H)	3500K	RCF	45	3565	80
1' x 4'	Normal (N)	3500K	RCF	45	4140	92
1' x 4'	Hi (H)	3500K	RCF	90	8124	90
2' x 4'	Normal (N)	3500K	RCF	45	3730	82
2' x 4'	Hi (H)	3500K	RCF	90	7319	82

Notes

- Refer to Chart for wattage and lumen outputs.
- Remote mounted; consult factory for remote mounting options.

MAGELLAN



Intended Use

A softly translucent, concave dome complemented by a flangeless lens trim and a minimal 3/8-inch ceiling-trim flange, Magellan appears to be a floating circle of light. With six standard sizes and a variety of custom colors, it entices the imagination and inspires creativity.

Magellan is suitable for lay-in or sheetrock ceilings; fixtures must be installed before the sheetrock ceiling. Standard sizes are 12, 24, 36, 48", 60" or 72" diameters inches in diameter. Consult factory for other sizes and for surface and pendant applications.

Features

- Housing: Housing and internal components fabricated from 20-gauge, cold-rolled steel

- Trim: Spun steel with 3/8" flange suitable for lay-in or sheetrock installation. (Note: Fixture must be installed before ceiling for sheetrock installation)
- Finish: Standard finish is matte white
- Shielding: Shielding: Nominal .125"- thick white acrylic dome in nominal 12", 24", 36", 48" available in concave or convex orientation. Nominal 60" or 72" diameters are available in concave orientation only
- Mounting: Recessed, lay-in or sheetrock

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

Example: MG 24IN 3T5 GEB10PS 120 CCV SM2

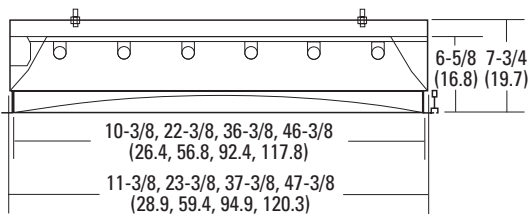
Series	Size	Number of lamps/Lamp type ¹		Ballast	Voltage	Shielding	Options
MG Magellan	12IN 12" diameter	Number of lamps Lamp type¹		GEB10IS ³ Standard instant start	120	CCV Concave White Acrylic	EMPK Emergency Battery Pack
	24IN 24" diameter	1	T5	GEB10PS Programmed rapid start	277	CVX ⁴ Convex White Acrylic	CP Chicago plenum
	36IN 36" diameter	2	T5HO	GEB10DIM Dimming, 0-10v	347 ²		SM2 Sheet metal ceiling panel 2'x2'
	48IN 48" diameter	3	T8	DMHL3D Lutron Hi-lume® 3D			SM4 Sheet metal ceiling panel 4'x4'
	60IN 60" diameter	4	18BX	ECOS Lutron Eco System®			
	72IN 72" diameter	6	40BX	ECOSH Lutron Eco System H-Series			
		8	50BX	ADZT Advance Mark 7			
		10	26CFL				
			32CFL				
			42CFL				



ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



CONFIGURATIONS		
SIZE	NUMBER OF LAMPS	LAMP TYPE
12" diameter	1,2	18BX, 26CFL, 32CFL, 42CFL
24" diameter	3,4	T5, T5HO, T8, 40BX, 50BX
36" diameter	4,6	T5, T5HO, T8
48" diameter	6,8	T5, T5HO, T8
60" diameter	6,8	T5, T5HO, T8
72" diameter	6,8,10	T5, T5HO, T8

Notes

- Specify number of lamps and lamp type. See configurations table. Consult factory for other lamps.
- Consult factory for lamp and ballast compatibility.
- Available with T8 lamping ONLY.
- Not available in 60" and 72" diameters.

Intended Use

A softly translucent, concave dome complemented by a flangeless lens trim and a minimal 3/8-inch ceiling-trim flange, Magellan LED appears to be a floating circle of light. With six standard sizes and a variety of custom colors, it entices the imagination and inspires creativity.

Magellan LED is suitable for lay-in or sheetrock ceilings; fixtures must be installed before the sheetrock ceiling. Standard sizes are 12", 24", 36", 48", 60" or 72" diameters. Consult factory for other sizes and mounting options.

Features

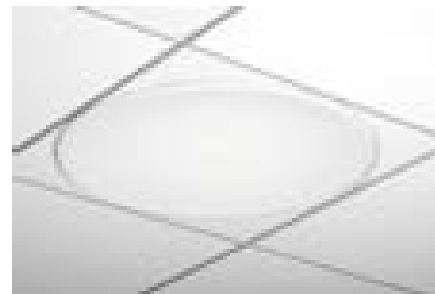
- Housing: Housing and internal components fabricated from 20-gauge, cold-rolled steel
- LED Components Nichia® - 757A-V1 chips (>80CRI)

- Driver(s): AD driver option allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. HI driver option provides superior 0-10V dimming from 100% to off, universal voltage 120/277, 50/60Hz
- Trim: Spun steel with 3/8" flange suitable for lay-in or sheetrock installation. (Note: Fixture must be installed before ceiling for sheetrock installation)
- Finish: Standard finish is matte white
- Shielding: Nominal .125"-thick white acrylic dome in nominal 12", 24", 36", 48" available in concave or convex orientation. Nominal 60" or 72" diameters are available in concave orientation only.
- Mounting: Recessed, lay-in or sheetrock

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Union-made in the USA.

MAGELLAN LED



eldoLED

**ORDERING INFORMATION**

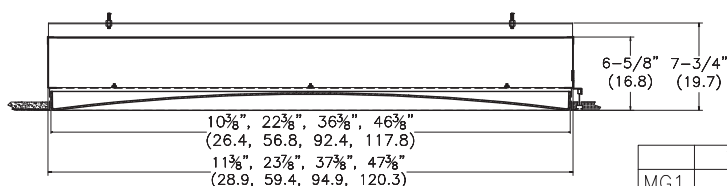
Specifications subject to change.

Example: MGL 24IN H35AD 120 CCV N80 CP

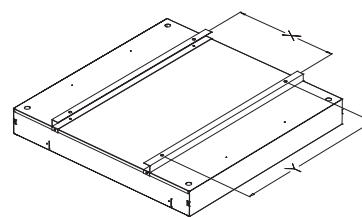
Series		Size		Linear LED output		Linear LED color temp		Driver		Voltage	Shielding		Integrated controls		Options	
MGL	Magellan LED	12IN	12" diameter	N	Normal Output	30	3000K ≥ 80 CRI	AD	constant Current Driver, 0-10V 2% Dimming	120 277	CCV	Concave White Acrylic	N100	N100 nLight without lumen mgt	CP	Chicago plenum
		24IN	24" diameter	H	High Output	35	3500K ≥ 80 CRI						N80	N80 nLight with 80% lumen mgt	SM2	Sheet metal ceiling panel 2'x2'
		36IN	36" diameter			40	4000K ≥ 80 CRI						N80EMG	N80 nLight with 80% lumen mgt for use with generator supply EM power	SM4	Sheet metal ceiling panel 4'x4'
		48IN	48" diameter			HI	constant Current Driver, 0-10V 1% Dimming to Off	CVX ²	Convex White Acrylic							
		60IN	60" diameter													
		72IN	72" diameter								N100EMG	N100 nLight without lumen mgt for use with generator supply EM power				

ADDITIONAL INFORMATIONFor additional product information, visit www.marklighting.com.

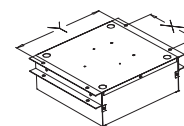
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	X	Y
MG1	6"	13 1/16"
MG2	12"	16 1/16"
MG3	18 3/4"	28"
MG4	28"	40"



MG2, MG3, MG4 MOUNTING BRACKET DETAIL



MG1 MOUNTING BRACKET DETAIL

Notes

- Remote mounted; consult factory for remote mounting options.
- Not available in 60" and 72" diameters.

AURORA



Aurora - Perforated shielding



Aurora - Contoured Acrylic shielding

Intended Use

Featuring a large, concave center reflector, Aurora gives the illusion of a skylight. Its softly reflected light provides uniform illumination that is ideal for a variety of business and institutional settings, and its classic styling complements many architectural environments.

Aurora offers a choice of either perforated side baskets with soft-white acrylic overlay or an acrylic diffuser in smooth or ribbed styles. The lens increases performance and enables it to achieve efficiencies as high as 78.8 percent.

Features

- Housing: Nominal 2'x2' or 2'x4' housing fabricated from 20-gauge, cold-rolled steel. Ballast compartments provided with 7/8"-diameter KO's

- Finish: Standard finish is matte white
- Reflector: Precision-formed steel. Painted high reflectance white powder coat
- Lamps: (2) T5, T5HO or T8, or (2) 40W or 50W BX in cross section
- Mounting: Recessed lay-in. Accommodates 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee. Unit requires top access to ballasts

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

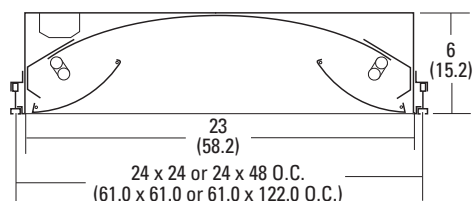
Example: AU 22 G9 2T5 ECOS 120

Series	Size	Ceiling type	Number of lamps/Lamp type ^{1,2}		Ballast	Voltage	Shielding	Options
AU Aurora	22 2' x 2'	G9 9/16" wide inverted tee	2	T5	GEB10IS ⁴ Standard instant start	120	(blank) Perforated side baskets	EMPK Emergency Battery Pack
	24 2' x 4'	DF 9/16" slot grid or 15/16" wide inverted tee			GEB10PS Programmed rapid start	277	SWR Soft-white ribbed	AR Air return
				T5HO	GEB10DIM Dimming, 0-10v	347 ³	SWS Soft-white smooth	CP Chicago plenum
				T8	DMHL3D Lutron Hi-lume® 3D			
				40BX	ECOS Lutron Eco System®			
				50BX	ECOSH Lutron Eco System H-Series			
					ADZT Advance Mark 7			

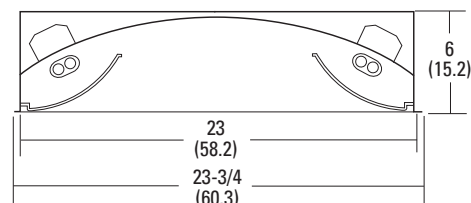
ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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Aurora - Perforated shielding



Aurora - Contoured Acrylic shielding

CONFIGURATIONS

SIZE	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE
2' x 2'	2	2	T5, T5HO, T8, 40BX, 50BX
2' x 4'	2	2	T5, T5HO, T8
2' x 4'	2	4	40BX, 50BX

Notes

- Lamps per cross section. See configurations table.
- Consult factory for other lamps.
- Consult factory for lamp and ballast compatibility.
- Available with T8 lamping ONLY.



Intended Use

The well-balanced, glare-free illumination of the Meridian series is created by a center diffuser combined with a curved reflector. The resulting redirected light is effective in many settings including office, educational and institutional spaces.

Utilizing a soft-white acrylic diffuser in a choice of smooth or ribbed design, Meridian is able to achieve efficiencies as high as 84.9 percent. Meridian is also available in a non-lensed style that features a perforated center basket with a soft-white acrylic overlay.

Features

- Housing: Nominal 1'x4', 2'x2' or 2'x4' housings fabricated from 20-gauge cold-rolled steel. Ballast compartments provided with 7/8"-diameter KOs
- Standard finish is matte white. Consult factory for other finishes

- Reflector: Precision-formed steel. Painted white, 92% reflectivity
- Perforated center basket with soft-white acrylic overlays, or contoured acrylic lens diffuser in soft-white smooth or linear ribbed
- Lamps: (1) or (2) T5, T5HO or T8, or (1) or (2) 40W or 50W BX in cross section. See Configurations table. All lamps provided by other
- Perforated side baskets with soft-white acrylic overlays, or contoured acrylic lens diffuser in soft-white smooth or linear ribbed

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

MERIDIAN



Meridian - Perforated shielding



Meridian - Contoured Acrylic shielding.

ORDERING INFORMATION

Specifications subject to change.

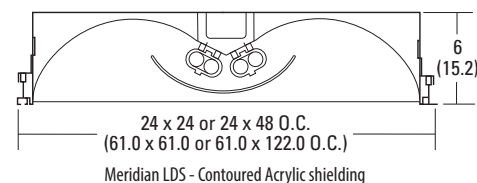
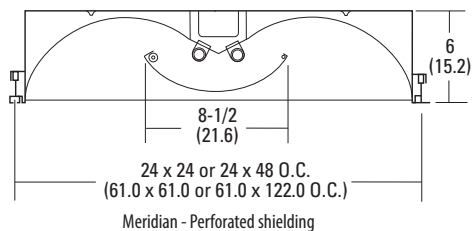
Example: MD 22 G9 2T5 GEB10PS 120

Series	Size	Ceiling type	Number of lamps/Lamp type ^{1,2}		Ballast
			Number of lamps ¹	Lamp type ²	
MD Meridian	14 1' x 4'	G9 9/16" wide inverted tee	1	T5	GEB10IS ⁵ Standard instant start
	22 2' x 2'	DF 9/16" slot grid or 15/16" wide inverted tee	2	T5HO	GEB10PS Programmed rapid start
	24 2' x 4'		3 ³	T8	GEB10DIM Dimming, 0-10v
				40BX	DMHL3D Lutron Hi-lume® 3D
				50BX	ECOS Lutron Eco System®
					ECOSH Lutron Eco System H-Series
					ADZT Advance Mark 7
Voltage		Shielding		Options	
120		(blank)	Perforated center basket	EMPK	Emergency Battery Pack
277		SWR	Soft-white ribbed lens	AR	Air return
347 ⁴		SWS	Soft-white smooth lens	CP	Chicago plenum

**ADDITIONAL INFORMATION**

For additional product information, visit www.marklighting.com.

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CONFIGURATIONS			
SIZE	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE
1' x 4'	1, 2	1, 2	T5, T5HO, T8
1' x 4'	1	2	40BX, 50BX
2' x 2'	1, 2, 3	1, 2, 3	T5, T5HO, T8
2' x 2'	2	2	40BX, 50BX
2' x 4'	1, 2, 3	1, 2, 3	T5, T5HO, T8
2' x 4'	2	4	40BX, 50BX

Notes

- Lamps per cross section. See configurations table.
- Consult factory for other lamps.
- T5, T5HO and T8 only; for 2x2 and 2x4.
- Consult factory for lamp and ballast compatibility.
- Available with T8 lamping ONLY.

PORTICO



Portico - Perforated shielding



Portico - Contoured Acrylic shielding

Intended Use

The Portico series features a fresh yet classic style that fits perfectly in a wide variety of settings. Interesting design elements include a center reveal, which creates a unique accent, and lamp positioning below the ceiling line, which allows wider light distribution.

Portico is available with a perforated basket and acrylic overlay or with an acrylic diffuser in smooth or ribbed styles. The lens allows it to achieve efficiencies as high as 88.7 percent. Its shallow depth above the ceiling line virtually eliminates concerns about plenum obstruction.

Features

- 2'x2' and 2'x4' housings are die-formed, 20-gauge, cold-rolled steel
- Ballast compartments provided with 7/8"-diameter KOs
- Reflector: Precision-formed steel

- Finish: high reflectance white powder coat
- Shielding - Perforated center basket with soft-white acrylic overlay, or contoured acrylic lens diffuser in soft-white smooth or linear ribbed
- Lamps: (2) T5 or T5HO, or (2) 40W or 50W BX in cross section. See Configurations table
- Mounting: Recessed lay-in. Accommodates 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

Example: POR 22 G9 2T5 GEB10PS 120 SWR

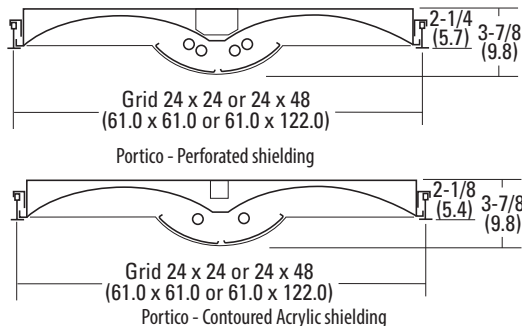
Series	Size	Ceiling type	Number of lamps/Lamp type ^{1,2}		Ballast		Voltage	Shielding	Option	
POR Portico	22 2' x 2'	G9 9/16" wide, inverted tee	2	Number of lamps ¹ Lamp type ² T5 T5HO 40WBX 50WBX	GEB10IS ⁴	Standard instant start	120	(blank)	EMPK Emergency Battery Pack AR Air return CP Chicago plenum	
	24 2' x 4'	DF 9/16" slot grid or 15/16" wide inverted tee			GEB10PS	Programmed rapid start	277	SWR		
					GEB10DIM	Dimming, 0-10v	347 ³	SWS		
					DMHL3D	Lutron Hi-lume® 3D				
					ECOS	Lutron Eco System®				
					ECOSH	Lutron Eco System H-Series				
					ADZT	Advance Mark 7				



ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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CONFIGURATIONS			
SIZE	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE
2' x 2'	2	2	T5, T5HO, 40BX, 50BX
2' x 4'	2	2	T5, T5HO
2' x 4'	2	4	40BX, 50BX

Notes

- 1 Lamps per cross section. See configurations table.
- 2 Consult factory for other lamps.
- 3 Consult factory for lamp and ballast compatibility.
- 4 Available with T8 lamping ONLY.

Intended Use

Refined lines, gentle curves and a divided basket give the Saros series its unique yet stylish aesthetic appeal. A concave reflector redirects light to provide uniform, glare-free lighting for visual comfort.

Saros is available either with dual perforated steel baskets or with an acrylic diffuser that enables it to achieve efficiencies as high as 76.7 percent. The lensed version is also available with a center solid-blade baffle that provides 45-degree cutoff.

Features

- Nominal 2'x2' or 2'x4' housing fabricated from 20-gauge, cold-rolled steel
- Ballast compartments provided with 7/8"-diameter KO's
- Reflector: Precision-formed steel

- Painted white, high reflectance white powder coat
- Shielding: Dual perforated steel baskets with soft-white acrylic overlays, or contoured acrylic lens diffuser in soft-white smooth or linear ribbed. Louver available as an option; 45-degree cutoff
- Lamps: (2) T5, T5HO or T8, or (2) 40W or 50W BX in cross section. See Configurations table. All lamps provided by others
- Mounting: Recessed lay-in. Accommodates 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee. Unit requires top access

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

SAROS



Saros - Perforated shielding



Saros - Contoured Acrylic shielding

ORDERING INFORMATION

Specifications subject to change.

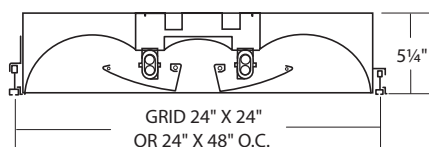
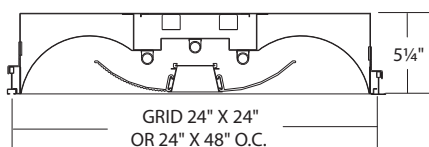
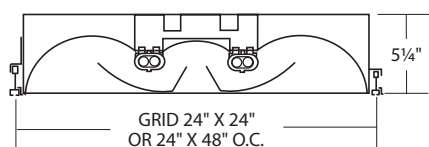
Example: SR2 22 G9 2T5 GEB10PS 120 SWS

Series	Size	Ceiling type	Number of lamps/Lamp type ^{1,2}		Ballast	
			Number of lamps ¹	Lamp type ²		
SR Saros	22 2'x2'	G9 9/16" wide inverted tee			GEB10IS ⁵	Standard instant start
	24 2'x4'	DF 9/16" slot grid or 15/16" wide inverted tee	2	T5	GEB10PS	Programmed rapid start
			3 ³	T5HO	GEB10DIM	Dimming, 0-10v
				T8	DMHL3D	Lutron Hi-lume® 3D
				40BX	ECOS	Lutron Eco System®
				50BX	ECOSH	Lutron Eco System H-Series
					ADZT	Advance Mark 7
Voltage		Shielding	Options			
120		(blank) Dual perforated baskets	EMPK Emergency Battery Pack			
277		SWR Soft-white ribbed lens	CP Chicago plenum			
347 ⁴		SWS Soft-white smooth lens	CTRL ⁶ Center louver			

ADDITIONAL INFORMATION

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PERFORATED**CTRL Option****LENSED**

CONFIGURATIONS			
SIZE	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE
2' x 2'	2,3 ³	2,3 ³	T5, T5HO, T8, 40BX, 50BX
2' x 4'	2,3 ³	2,3 ³	T5, T5HO, T8
2' x 4'	2	4	40BX, 50BX

Notes

- Lamps per cross section. See configurations table.
- Consult factory for other lamps.
- T5, T5HO and T8 only; for CTRL option only.
- Consult factory for lamp and ballast compatibility.
- Available with T8 lamping ONLY.
- Not available with SWR or SWS shielding options.

SLICE



Intended Use

Basic geometry, a core element in architectural design, offers the key to the unique appeal of Slice. An exciting creative tool, these triangular lay-in units can be rowed or grouped in a wide array of imaginative patterns.

Slice's geometric form complements architectural elements while providing a dynamic visual impression along the ceiling plane. Designed to fit into the most common 2x2 ceiling grids, Slice can be used to create patterns of light to delineate a space or to create visually interesting general illumination.

Features

- Housing: 20-gauge, cold-rolled steel

- Finish: Standard finish is matte white high reflectance white powder coat
- Shielding: Nominal .125"-thick soft-white acrylic. Tip-tilt for removal
- Lamps: (2) T5, T5HO, 40W BX, or 50W BX lamps. All lamps provided by others
- Mounting: Recessed lay-in for 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee
- Fixture relamps from room side; ceiling access is not required

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

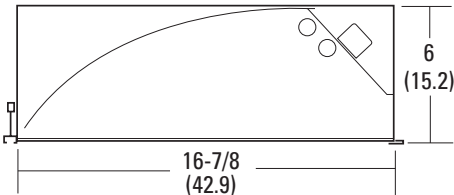
Example: SLC DF 2T5 GEB10PS 120

Series		Ceiling type		Number of lamps/Lamp type		Ballast		Voltage	Options			
SLC	Slice	G9	9/16" wide inverted tee	2	Number of lamps	Lamp type	GEB10PS	Programmed rapid start	120	EMPK	Emergency Battery Pack	
		DF	9/16" slot grid			T5			277	CP	Chicago plenum	
		G15	15/16" wide inverted tee			T5HO	GEB10DIM	Dimming, 0-10v	347¹			
						40BX	DMHL3D	Lutron Hi-lume® 3D				
						50BX	ECOS	Lutron Eco System®				
						ECOSH	Lutron Eco System H-Series					
							ADZT	Advance Mark 7				

ADDITIONAL INFORMATION

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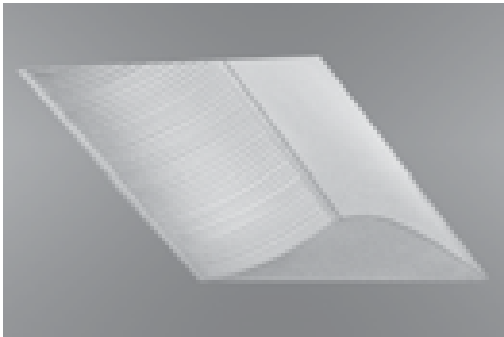
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Notes

¹ Consult factory for lamp and ballast compatibility.

MULTITASK



Intended Use

The Mark videoconferencing products are designed to provide outstanding illumination for video/teleconferencing with excellent glare control and reduced shadowing on participants.

The Multitask series offers both directional teleconference-mode illumination and general illumination. Units are available in 1' x 4', 2' x 2' and 2' x 4' sizes and may be mounted end to end in a grid ceiling.

Features

- Ballast compartment provided with 7/8"-diameter KOs
- Finish: Standard finish is matte white high reflectance white powder coat
- Reflector: Precision-formed steel
- Perforated basket style combined with soft-white acrylic overlay

- Basket swings down for easy relamping and maintenance
- Curved baffle blades, 1" high x 1" on center, with soft-white acrylic overlay
- Baffle assembly hinges down for relamping and maintenance
- (4) T5 or T5HO for 1'x4', (4 or 5) T5 or T5HO for 2'x2' or 2'x4'. Lamps provided by others
- Thermally protected Class P energy-saving electronic ballast
- Recessed lay-in. Accommodates 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

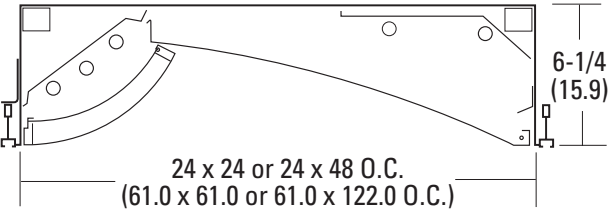
Example: MTK 22 G9 5T5 GEB10PS 120

Series	Size	Ceiling type	Number of lamps/Lamp type ¹		Ballast	Voltage	Options
			Number of lamps	Lamp type ¹			
MTK Multitask	14 1' x 4'	G9 9/16" wide inverted tee			GEB10PS Programmed rapid start	120	EMPK Emergency Battery Pack
	22 2' x 2'	DF 9/16" slot grid or 15/16" wide inverted tee	4	T5	GEB10DIM Dimming, 0-10v	277	CP Chicago plenum
	24 2' x 4'		5	T5HO	DMHL3D Lutron Hi-lume® 3D	347 ²	
					ECOS Lutron Eco System®		
					ECOSH Lutron Eco System H-Series		
					ADZT Advance Mark 7		

ADDITIONAL INFORMATION

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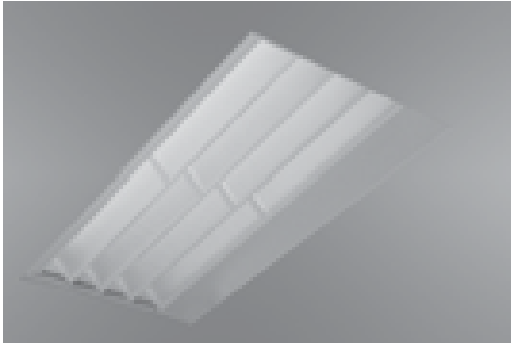


CONFIGURATIONS		
SIZE	NUMBER OF LAMPS	LAMP TYPE
1' x 4'	4	T5, T5HO
2' x 2'	4	T5HO
2' x 2'	4, 5	T5
2' x 4'	4, 5	T5, T5HO

Notes

- ¹ Specify number of lamps and lamp type. See configurations table. Consult factory for other lamps.
- ² Consult factory for lamp and ballast compatibility.

VC2A



Intended Use

The VC2A videoconferencing series was developed for proper performance under the most difficult job conditions. It provides directional illumination to reduce any over-contrast or fade-out and minimizes veiling brightness on video displays. It is available in 2' x 2' and 2' x 4' sizes.

All Mark videoconferencing products are designed to provide outstanding illumination with excellent glare control and reduced shadowing on participants.

Features

- Nominal 2'x2' or 2'x4' units fabricated from die-formed, 20-gauge, cold-rolled steel
- Ballast compartments provided with 7/8"-diameter KOs
- Die-formed, 18-gauge, cold-rolled steel door assembly securely encloses the shielding on four sides preventing any light leak

- Matte white interior; matte black exposed exterior (standard). Matte White exposed exterior option is available
- Reflector: Precision-formed steel; white
- Clear prismatic, low-brightness acrylic lens or injection-molded, specular silver 1/2"x1/2" parabolic louver with 45-degree cutoff
- (4) T5, T5HO or T8 lamps. Consult factory for other lamps
- Thermally protected Class P energy-saving electronic ballast
- Recessed lay-in for 9/16" or 15/16" inverted tee

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

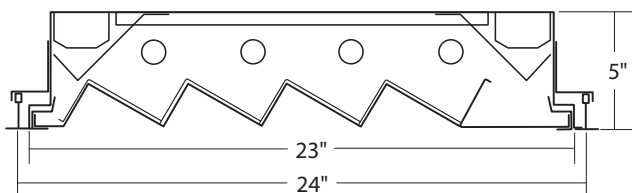
Example: VC2A 22 G9 4T5 GEB10PS 277 PA

Series	Size		Ceiling type		Number of lamps/Lamp type ¹		Ballast	
VC2A	22	2' x 2'	G9	9/16" or 15/16" inverted tee	Number of lamps 4	Lamp type ¹ T5 T5HO T8	GEB10PS	Programmed rapid start
	24	2' x 4'					GEB10IS ³	Instant Start
							GEB10DIM	Dimming, 0-10v
							DMHL3D	Lutron Hi-lume® 3D
							ECOS	Lutron Eco System®
							ECOSH	Lutron Eco System H-Series
							ADZT	Advance Mark 7
Voltage			Shielding			Options		
120			PA	Clear prismatic asymmetric acrylic lens		EMPK	Emergency Battery Pack	
277			PLM	Specular silver parabolic louver with 45-degree cutoff		CP	Chicago plenum	
347 ²						WHT	White exposed exterior	

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



CONFIGURATIONS		
SIZE	NUMBER OF LAMPS	LAMP TYPE
2' x 2'	4	T5, T5HO, T8
2' x 4'	4	T5, T5HO, T8

Notes

- See configurations table. Consult factory for other lamps.
- Consult factory for lamp and ballast compatibility.
- Available with T8 lamping ONLY.

VC2C

Intended Use

The VC2C series was designed to be the foundation of any successful videoconference room installation. It incorporates a sophisticated reflector/shielding system to provide superior teleconference illumination and extraordinary glare control. VC2C is available in 1' x 2' and 1' x 4' sizes.

Like all Mark videoconferencing products, it provides contrast-free illumination with minimal veiling backlight and reduced shadowing on participants.

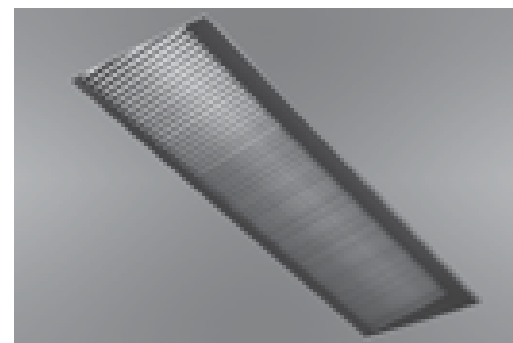
Features

- Nominal 1'x2' or 1'x4' units fabricated from die-formed, 20-gauge, cold-rolled steel. Ballast compartments provided with 7/8"-diameter KOs

- Regressed angled bottom trim die-formed, 20-gauge, cold-rolled steel
- Matte black housing, trim and ends
- Reflector: Precision-formed steel; white
- Cross baffle, matte black with clear prismatic acrylic lens overlay; or clear prismatic asymmetric acrylic lens
- (1) or (2) T5, T5HO or T8 lamps
- Thermally protected Class P energy-saving electronic ballast
- Recessed lay-in for 9/16" or 15/16" inverted tee

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.



ORDERING INFORMATION

Specifications subject to change.

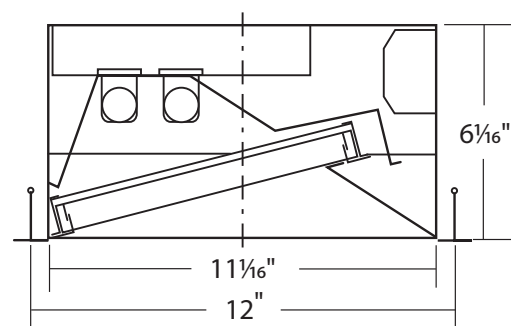
Example: VC2C 12 G9 1T5 GEB10PS 120 CBPA

Series	Size		Ceiling type		Number of lamps/Lamp type¹		Ballast		Voltage	Shielding		Options			
VC2C	12	1' x 2'	G9	9/16" or 15/16" inverted tee	Number of lamps	Lamp type¹	GEB10PS	Programmed rapid start	120	CBPA	Cross baffle, matte black with clear prismatic acrylic lens overlay	EMPK	Emergency Battery Pack		
	14	1' x 4'			1	T5	GEB10IS³	Instant Start	277					CP	Chicago plenum
					2	T5HO	GEB10DIM	Dimming, 0-10v	347²						
						T8	DMHL3D	Lutron Hi-lume® 3D						PA	Clear prismatic asymmetric acrylic lens
							ECOS	Lutron Eco System®							
							ECOSH	Lutron Eco System H-Series							
							ADZT	Advance Mark 7							

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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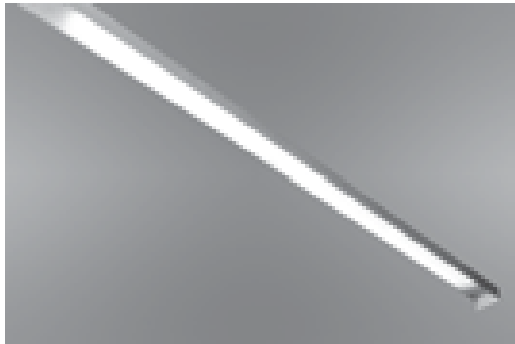
CONFIGURATIONS		
SIZE	NUMBER OF LAMPS	LAMP TYPE
1' x 2'	1, 2	T5, T5HO, T8
1' x 4'	1, 2	T5, T5HO, T8

Notes

- See configurations table. Consult factory for other lamps.
- Consult factory for lamp and ballast compatibility.
- Available with T8 lamping ONLY.

PRODUCT INFORMATION

SP



Intended Use
The shallow profile of SP makes it the perfect perimeter selection where minimal ceiling penetration is desired. It is available in semi-recessed or fully recessed versions with fluorescent or LED light sources.

Housing and vertical fascias are extruded aluminum, and the extruded matte white acrylic lens snaps into the housing. SP is available in 8-, 6-, 4-, 3- and 2-foot sections. A 6-inch staggering of T5, T5HO or T8 lamps is standard. Corners are available; please consult factory.

- Features**
- Housing and vertical fascias are extruded aluminum
 - Internal wiring trays are 20-gauge, cold-rolled steel

- Finish: Natural Aluminium; Fascia is high reflectance matte white
- Extruded matte white acrylic lens snaps into housing
- Standard 6" stagger, (1) or (2) T5 or T5HO or (1) T8 (in cross section)
- Recessed perimeter wall wash in 8', 6', 4', 3' and 2' sections
- 90-degree inside or outside corners

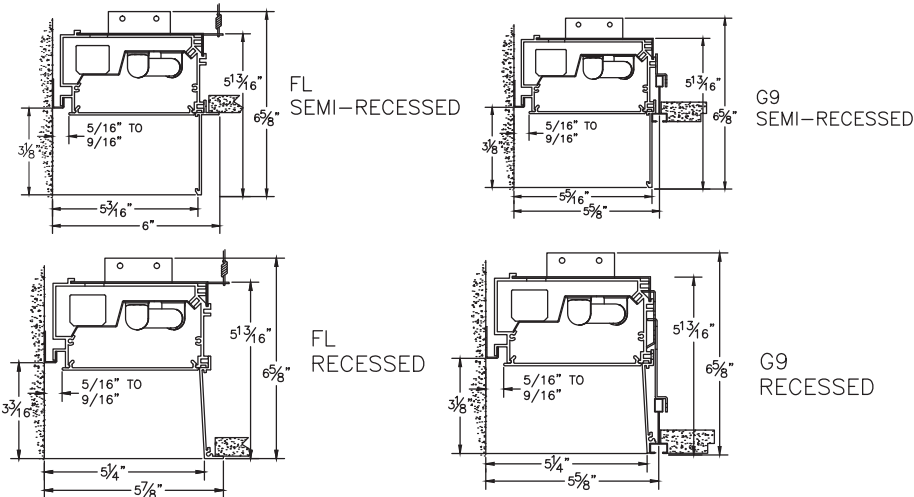
Listings
cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION		Specifications subject to change.		Example: SPR 18FT G9 2T5 GEB10PS 120 SW	
Series	Length ¹	Ceiling type	Number of lamps/Lamp type		
SPR Fully recessed SP	___ FT. Provide wall-to-wall dimensions	G9 9/16" wide inverted tee	Number of lamps Lamp type		
SPS Semi recessed SP		FL 5/8" flange (sheetrock)	1	T5	
			2 ²	T5HO	
				T8	
Ballast	Voltage	Lens	Options		
GEB10PS Programmed rapid start	120	SW Soft-white acrylic	EMPK Emergency Battery Pack		
GEB10IS ⁴ Instant Start	277		CP Chicago plenum		
GEB10DIM Dimming, 0-10v	347 ³				
DMHL3D Lutron Hi-lume® 3D					
ECOS Lutron Eco System®					
ECOSH Lutron Eco System H-Series					
ADZT Advance Mark 7					



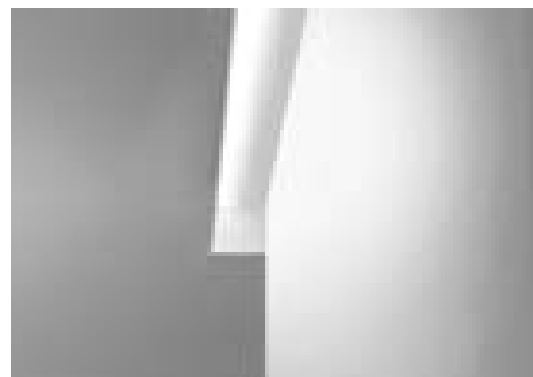
ADDITIONAL INFORMATION For additional product information, visit www.marklighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



- Notes**
- 1 Provide field dimensions when placing order. For patterns, clearly indicate inside or outside corners. Upon request, factory will prepare installation drawings for approval.
 - 2 T5 and T5HO only.
 - 3 Consult factory for lamp and ballast compatibility.
 - 4 Available with T8 lamping ONLY.

SPR LED



Intended Use

SPR LED combines the environmental and cost-saving benefits of solid-state lighting with the popular SP design. The result is a recessed linear wall product that provides an excellent balance of efficiency and performance. SPR LED, which features a very compact profile, offers highly uniform illumination along wall surfaces. Housing and vertical fascias are extruded aluminum, and the extruded clear frosted acrylic lens snaps into the housing. SPR LED is available in 8-, 6-, 4-, 3- and 2-foot sections. Corners are available; please consult factory

Features

- Housing and vertical fascias are extruded aluminum
- Finish: Natural Aluminium; Fascia is high reflectance matte white

- LED Components Linear: Nichia® - V1 LED chips (>80 CRI)
- Driver: AD LED Driver allows for 0-10V dimming, flicker-free from 2 to 100%. Universal input voltage 120-277VAC, 50/60Hz. Integrated thermal foldback management to prevent over heating
- Color Consistency: The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. Color variation is no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board
- Mounting: Recessed perimeter wall wash in 8', 6', 4', 3' and 2' sections

Listings

CSA Certified to meet U.S. and Canadian standards, rated for Chicago Plenum, and IBEW (Local 3) Unionmade in the USA.

eldoLED™



ORDERING INFORMATION

Specifications subject to change.

Example: SPRL 24FT06IN G9 N35AD 120 FA N100 CP

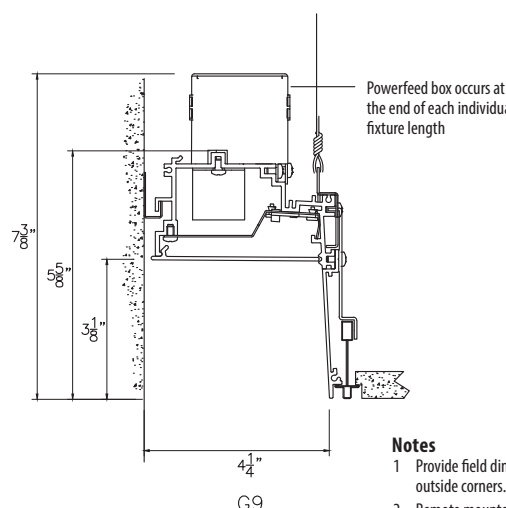
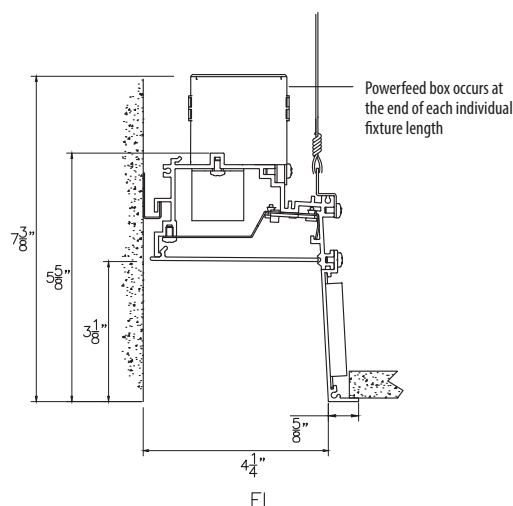
Series	Length ¹	Ceiling type	Linear LED output	Linear LED color temp	Driver	Voltage	Shielding	Integrated controls	Options
SPRL Fully recessed SP LED	_ FT. Provide wall-to-wall dimensions _ IN.	G9 9/16" wide inverted tee FL 5/8" flange (sheetrock)	N Normal Output H High Output	30 3000K ≥ 80 CRI	AD 100W constant Current Driver, 0-10V 2% Dimming	120 277	FA Clear frosted acrylic	N100 N100 nLight without lumen mgt	CP Chicago plenum EMPK ² Emergency Battery Pack
				35 3500K ≥ 80 CRI				N80 N80 nLight with 80% lumen mgt	
				40 4000K ≥ 80 CRI				N80EMG N80 nLight with 80% lumen mgt for use with generator supply EM power	
								N100EMG N100 nLight without lumen mgt for use with generator supply EM power	
								NX Dimming, No nLight ECO Lutron Ecosystem Interface Module	



ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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Notes

- Provide field dimensions when placing order. For patterns, clearly indicate inside or outside corners. Upon request, factory will prepare installation drawings for approval.
- Remote mounted; consult factory for remote mounting options.

PERIMETER PLUS



Intended Use

With up to 40 feet of seamless reflector, Perimeter Plus is perfect for corridors and other long spaces. Staggering of lamps eliminates socket shadows and provides perimeter lighting for less than 8 watts per linear foot.

Features

- Die-formed, 20-gauge, cold-rolled steel
- Finish: matte white for all visible metal surfaces
- Opaque white or silver metallic reflector in standard lengths up to 40 feet

- Reflector can be field-trimmed with scissors or utility knife at job site to accommodate any run length
- Standard 9" stagger, (1) or (2) T5, T5HO or T8
- Recessed perimeter wall wash in 8', 6', 4', 3' and 2' sections
- Telescoping housing and lamp sections provided in all runs and patterns
- 90-degree inside or outside molded corner reflectors

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

Example: PPL 16FT WH 2T5 GEB10PS 120

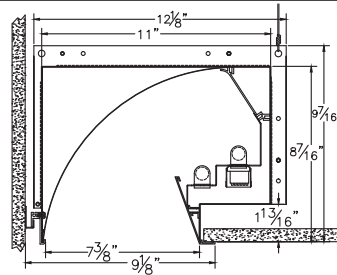
Series	Length ¹	Color	Corner configurations	Number of lamps/Lamp type ^{1,2}		Ballast	Voltage	Options
				Number of lamps	Lamp type ¹			
PPL Perimeter Plus	___FT. Provide wall-to-wall dimensions	SL Silver WH White	(blank) No Corners	1	T5	GEB10PS Programmed rapid start	120	EMPK Emergency Battery Pack
			90IC 90° inside molded corner	2	T5HO	GEB10IS ⁴ Instant Start	277	CP Chicago plenum
			90OC 90° outside molded corner		T8	GEB10DIM Dimming, 0-10v	347 ³	
						DMHL3D Lutron Hi-lume® 3D		
						ECOS Lutron Eco System®		
						ECOSH Lutron Eco System H-Series		
						ADZT Advance Mark 7		



ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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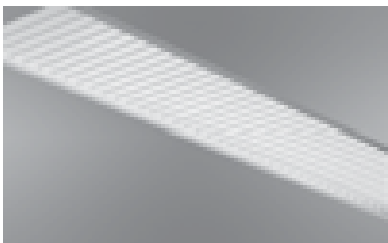
Notes

- 1 Provide field dimensions when placing order. For patterns, clearly indicate inside or outside corners. Upon request, factory will prepare installation drawings for approval.
- 2 Consult factory for other lamps.
- 3 Consult factory for lamp and ballast compatibility.
- 4 Available with T8 lamping ONLY.

PRODUCT INFORMATION

MP Series

MP



Intended Use

MP offers virtually shadowless perimeter lighting. Staggered lamps and telescopic strips ensure even illumination from wall to wall. MP features uninterrupted shielding throughout each fixture run, including corners.

Features

- Die-formed, 20-gauge, cold-rolled steel construction
- Precision-extruded aluminum trim rails
- Trimmable aluminum housing
- Reflector: Die-formed semi-specular aluminum

- Finish: Matte White for all visible metal surfaces
- Extruded aluminum bold baffle, parabolic baffle, clear prismatic lens or soft-white acrylic
- (1) or (2) T8, T5 or T5HO with 3" stagger. Strips snap into clevises within outer housings
- Recessed perimeter wall wash in 8', 6', 4', 3' and 2' sections
- 90- and 135-degree inside or outside, available as standard units

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

Example: MP 16FT 2T5 GEB10PS 120 PB2

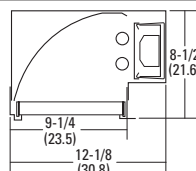
Series	Length ¹	Number of lamps/Lamp type ²		Ballast	Voltage	Shielding	Options
		Number of lamps	Lamp type ²				
MP	___FT. Provide wall-to-wall dimensions	1	T5	GEB10PS Programmed rapid start	120	EBB Extruded aluminum bold baffle, 3/16" blades 1" h. x 1.2" o.c.	EMPK Emergency Battery Pack
		2	T5HO	GEB10IS ⁴ Instant Start	277	PB2 Parabolic louver, blades 2" h. x 4" o.c. diffuse aluminum	CP Chicago plenum
			T8	GEB10DIM Dimming, 0-10v	347 ³	PA Clear prismatic acrylic, K12 pattern	
				DMHL3D Lutron Hi-lume® 3D		SW Soft-white acrylic	
				ECOS Lutron Eco System®			
				ECOSH Lutron Eco System H-Series			
				ADZT Advance Mark 7			



ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

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Notes

- 1 Provide field dimensions when placing order. For patterns, clearly indicate inside or outside corners. Upon request, factory will prepare installation drawings for approval.
- 2 Consult factory for other lamps.
- 3 Consult factory for lamp and ballast compatibility.
- 4 Available with T8 lamping ONLY.

Intended Use

The sleek, shallow profile and refined curve of Procyon are accentuated by contoured die-cast aluminum end caps. The Procyon pendant is available with a choice of either perforated side panels with acrylic overlay or a solid body that provides all-indirect illumination.

Section lengths are 4 or 8 feet, and Procyon accommodates T5 or T5HO lamps. A wall-mount version is also available.

Features

- Nominal 4' and 8' housings fabricated from 18-gauge, cold-rolled steel
- Die-cast aluminum end caps and joiners
- Finish: Matte white

- Reflector: Die-formed semi-specular aluminum
- PR1: perforated side panels with soft-white acrylic overlay
PR2: solid housing
- PR1: (2 or 3) T5 or T5HO. PR2: (1, 2 or 3) T5 or T5HO. Lamps provided by others
- Pendant mounted with stainless steel cable
- Vinyl power feed. 6' length provided as standard; gripper fitting allows quick length adjustment at job site.
- Units can be continuously rowed

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

PROCYON

Suspended



Example: PR1 4 CG 2T5HO GEB10PS 120 IND

ORDERING INFORMATION

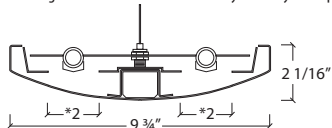
Specifications subject to change.

Series	Length ⁴	Mounting	Number of lamps/Lamp type		Ballast	Voltage	Designation	Options
PR1 Procyon (perforated)	4 Nominal 4'	CG Cable and gripper	Number of lamps	Lamp type	GEB10PS Programmed rapid start	120	IND Individual	EMPK Emergency Battery Pack (small case only)
	8 Nominal 8'				GEB10IS ³ Instant Start	277	RUN Continuous Run	
PR2 Procyon (solid)	—FT. Specify continuous run length (4' increments)	CGPF Cable, gripper and power feed	1 ¹ T5		GEB10DIM Dimming, 0-10v	347 ²		
			2 T5HO		DMHL3D Lutron Hi-lume® 3D			
			3		ECOS Lutron Eco System®			
					ECOSH Lutron Eco System H-Series			
					ADZT Advance Mark 7			

ADDITIONAL INFORMATION

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*Perforated area (Procyon 1 only; Procyon 2 is entirely indirect.)

Notes

- One-lamp option available only with PR
- Consult factory for lamp and ballast compatibility.
- Available with T8 lighting ONLY.
- Cast end caps add 7" to length on each individual unit and each row length.

**PRODUCT INFORMATION****Intended Use**

The sleek, shallow profile and refined curve of Procyon Wall are accentuated by contoured die-cast aluminum end caps. The perforated side panels have soft-white acrylic overlay.

Procyon Wall is available in 4- and 8-foot section lengths that accommodate one or two T5 or T5HO lamps. It is the perfect companion for the Procyon pendant.

Features

- Nominal 4' and 8' housings fabricated from 18-gauge, cold-rolled steel

- Die-cast aluminum end caps and joiners
- Finish: Matte white
- Reflector: Die-formed semi-specular aluminum
- Perforated side panels with soft-white acrylic overlay
- (1 or 2) T5 or T5HO. Lamps provided by others
- Wall-mounted. Units may be continuously rowed

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

PROCYON

Wall



Example: PRW 4 2T5HO GEB10PS 120 IND

ORDERING INFORMATION

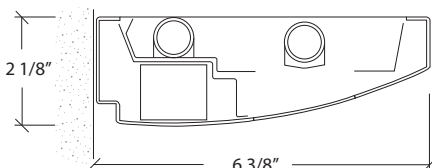
Specifications subject to change.

Series	Length ³	Number of lamps/Lamp type		Ballast	Voltage	Designation	Options
PRW Procyon Wall	4 Nominal 4'	Number of lamps	Lamp type	GEB10PS Programmed rapid start	120	IND Individual	EMPK Emergency Battery Pack (small case only)
	8 Nominal 8'	1 T5		GEB10IS ² Instant Start	277	RUN Continuous Run	GLS GLR fuse and HLR holder
	—FT. Specify continuous run length (4' increments)	2 T5HO		GEB10DIM Dimming, 0-10v	347 ¹		
				DMHL3D Lutron Hi-lume® 3D			
				ECOS Lutron Eco System®			
				ECOSH Lutron Eco System H-Series			
				ADZT Advance Mark 7			

ADDITIONAL INFORMATION

For additional product information, visit www.marklighting.com.

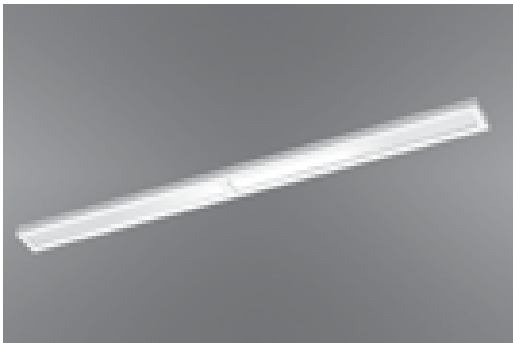
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Consult factory for lamp and ballast compatibility.
- Available with T8 lighting ONLY.
- Cast end caps add 7" to length on each individual unit and each row length.



PLANAR



Intended Use
Planar has a classic look that can fit into almost any business environment from corporate to retail to healthcare, and its 90% efficiency makes it a welcome addition anywhere.

With its small profile (6 by 1 3/4 inches) and multiple length choices (2 to 10 feet), Planar has the flexibility to fit in a variety of spaces and configurations..

- Features**
- Heavy-gauge, one-piece, extruded and mitered aluminum. Internal bracketry is 18-gauge, cold-rolled steel
 - Finish: Matte white
 - Precision-formed specular aluminum

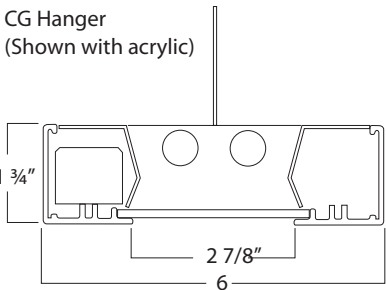
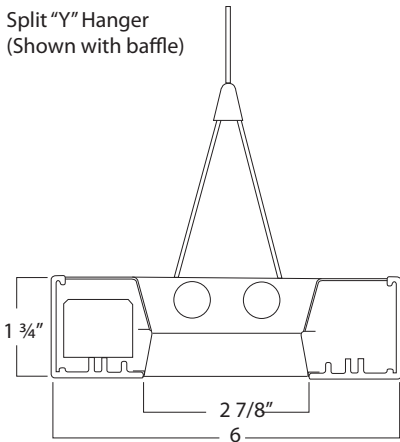
- Soft-white acrylic diffuser, parabolic diffuse aluminum baffle, or parabolic diffuse aluminum baffle with white acrylic overlay
- Pendant mounted with stainless steel cable (single or split "Y")
- Vinyl power feed. 6' length provided as standard; gripper fitting allows quick length adjustment at job site
- Consult factory for continuous runs

Listings
cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION		Specifications subject to change.										Example: PLA 3 SYPF 2T5HO GEB10PS 120 PB IND					
Series		Length		Mounting		Number of lamps/Lamp type		Ballast		Voltage	Shielding		Designation		Options		
PLA	Planar	2	Nominal 2'	SY	Split "Y" cable	Number of lamps	Lamp type	GEB10PS	Programmed rapid start	120	SW	Soft-white acrylic	IND	Individual	EMPK	Emergency Battery Pack (limited to 1.18" wide by 1" high)	
		3	Nominal 3'	SYPF	Split "Y" cable with power feed			1	T5		277			RUN			Continuous Run
		4	Nominal 4'	CG	Cable and gripper	2	T5HO	GEB10DIM	Dimming, 0-10v	347 ¹	PB	Parabolic diffuse aluminum baffle		Run			
		6	Nominal 6'					DMHL3D	Lutron Hi-lume® 3D								
		8	Nominal 8'	CGPF	Cable, gripper and power feed	ECOS	Lutron Eco System®	PBO	Parabolic diffuse aluminum baffle with white acrylic overlay								
		10	Nominal 10'			ECOSH	Lutron Eco System H-Series										
	_FT. Specify continous run lenth (4' increments)						ADZT	Advance Mark 7									

ADDITIONAL INFORMATION For additional product information, visit www.marklighting.com.

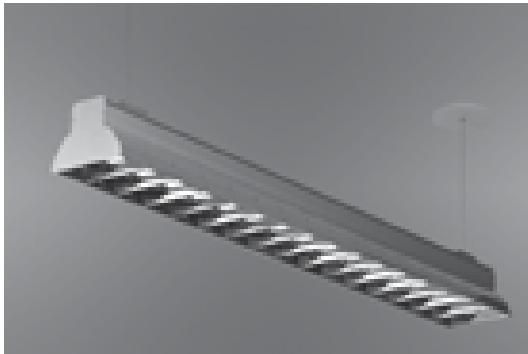
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Notes
1 Consult factory for lamp and ballast compatibility.



QUICKSILVER



Intended Use

The high-tech industrial look of Quicksilver makes it a popular choice for a variety of commercial and corporate settings. An open-louver direct luminaire, Quicksilver also features parabolic side rails that are slotted to provide a touch of uplight. An integrated track along the top of the housing allows mounting flexibility.

Quicksilver is available in 4- and 8-foot lengths, and units accommodate one or two T5 or T5HO lamps.

Features

- Nominal 4' and 8' housings fabricated from heavy-gauge extruded aluminum housing

- Flat aluminum end plate
- Natural anodized aluminum
- Reflector: Precision-formed specular aluminum
- Specular aluminum baffle. Parabolic side rails slotted to provide uplight
- Pendant mounted with stainless steel cable
- Hanging brackets slide along integral track in top of fixture and allow adjustment for various job-site conditions

Listings

cULus Listed and IBEW (Local 3) Union-made in the USA.

ORDERING INFORMATION

Specifications subject to change.

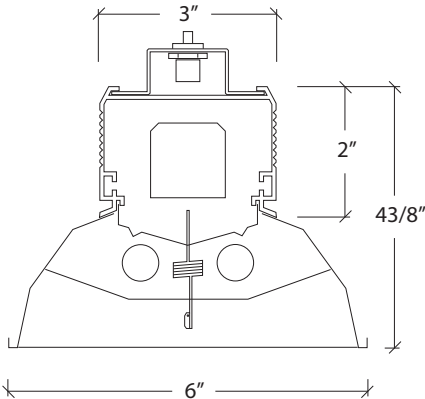
Example: QSI 4 CG 2T5 GEB10PS 120

Series	Length	Mounting	Number of lamps/Lamp type		Ballast	Voltage	Options
			Number of lamps	Lamp type			
QSI Quicksilver		CG Cable and gripper	1	T5	GEB10PS Programmed rapid start	120	EMPK Emergency Battery Pack (small case only)
		CGPF Cable, gripper and power feed		T5HO	GEB10DIM Dimming, 0-10v	277	
					DMHL3D Lutron Hi-lume® 3D	347¹	
					ECOS Lutron Eco System®		
					ECOSH Lutron Eco System H-Series		
					ADZT Advance Mark 7		

ADDITIONAL INFORMATION

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Notes

- 1 Consult factory for lamp and ballast compatibility.



Making Design Happen...

Now, project schedules – even for Class “A” commercial interiors – are shorter than ever. Clients measure timetables in days and hours, not weeks. Demanding options such as ceiling system details, energy efficiency, controls and programming LEDs can add to delivery times. But you have options, too! With the “On the Mark” quick ship program Mark Architectural Lighting can make it happen on your schedule with an assortment of fixtures that can be tailored to your project needs and ready when you need them. It all begins in Edison, New Jersey, where our fully integrated manufacturing and design facility can give you choices – plenty of them – plus the latest LEDs, controls and great luminaire design.

TERMS

- All OTM orders should be sent to Marklightingorders@acuitybrands.com
- Ship dates are 10 business days from date of clean release.
- All orders received after 3:30pm EST will be processed the next business day and will receive an ESD from that date.
- Orders with both OTM product and non-OTM products will default to the longest lead-time item. If the OTM products are required in 10 days, then these products must be released on a separate order.
- If an order exceeds the product specification sheet quantity, then the following shall apply:
 - If less than or equal to 2 times maximum OTM quantity, the order will be split into two delivery dates. The first will go in 10 days followed by the second in 15 days.
 - If the order is more than 2 times maximum OTM quantity, then said order would not qualify as an OTM order.
- Change orders of any kind will affect lead times.
- Cancellation after release will result in a 50% restocking fee.
- Order requirements
 - Complete ship to address
 - Contact information
 - Complete OTM catalog number
 - Pricing and commission rate
 - Any shipping notes/site restrictions

NOL

ORDERING INFORMATION

Specifications subject to change.

Example: NOLOTM 22 G9 2T5 GEB10PS 120 RWF

Series	Size	Ceiling type	No. of lamps/Lamp types	Ballast	Voltage	Shielding	Options
NOLOTM Nol	14 1' x 4'	G9 9/16" wide inverted tee	2 T5	GEB10PS Programmed rapid start	120	RCO Rounded clear with overlay	CP Chicago plenum
	22 ^{1,2} 2' x 2'	G15 15/16" wide inverted tee	T5HO	GEB10DIM ^{1,3} Dimming 0-10V	277	RCF Rounded clear frost	EMPK ^{2,4} Emergency Battery Pack
	24 2' x 4'	DF 9/16" slot grid			347 ³	RWF Rounded white frost	

Quantity Limits: 200 units each size (1x4, 2x2, 2x4)

Notes

- 1 Dimming not available for 2x2 with T5HO lamping.
- 2 Emergency not available for 2x2.

3 Dimming not available for 347V.

4 ISL- 28 supplied for T5 lamping and ISL- 54 supplied for T5HO lamping.

NOL LED

ORDERING INFORMATION

Specifications subject to change.

Example: NOLLDOTM 22 DF N35GEDR 120 RCF N80 CP

Series	Size	Ceiling type	Linear LED Output	Linear LED color temp	Driver	Voltage	Shielding	Options
NOLLDOTM Nol LED	14 1' x 4'	G9 9/16" wide inverted tee	N Normal Output	35 3500K ≥ 80 CRI	GEDR Current Driver, 0-10V 2% Dimming	120	RCO Rounded clear with overlay	N100 N100 nLight without Lumen mgt
	22 2' x 2'	G15 15/16" wide inverted tee	H High Output			277	RCF Rounded clear frost	N80 N80 nLight with 80% Lumen mgt
	24 2' x 4'	DF 9/16" slot grid					RWF Rounded white frost	NX Dimming, No nLight

Quantity Limits: 200 units each size (1x4, 2x2, 2x4)

WHISPER

ORDERING INFORMATION

Specifications subject to change.

Example: WHSDOTM 14 2T5 GEB10PS 120 SWC SWO CP

Series	Size	No. of lamps/Lamp types	Ballast	Voltage	Shielding, Center	Shielding, Sides	Options
WHSDOTM Whisper	14 1' x 4'	2 T5	GEB10IS ² Standard instant start	120	SWC Soft-white acrylic	SWO Soft-white acrylic	CP Chicago plenum
	22 ¹ 2' x 2'	T5HO	GEB10PS Programmed rapid start	277	LRC Clear linear-ribbed acrylic	LRO Clear, linear-ribbed acrylic	EMPK ¹ Emergency Battery Pack
	24 2' x 4'	T8	GEB10DIM ^{1,3} Dimming 0- 10v	347 ³			

Quantity Limits: 200 units each size (1x4, 2x2, 2x4)

Notes

- 1 Dimming not available for 2x2 with T5HO lamping.
- 2 Available for T8 lamping options ONLY.
- 3 Dimming not available for 347V.

WHISPER LED

ORDERING INFORMATION

Specifications subject to change.

Example: WHSLOTM 22 H35GEDR 120 SWC SWO NX CP

Series	Size	Linear LED Output	Linear LED Color Temp	Driver	Voltage	Shielding, Center	Shielding, Sides	Integrated Controls	Options
WHSLOTM Whisper LED OTM	14 1' x 4'	N Normal Output	35 3500K ≥ 80 CRI	GEDR Constant Current Driver, 0-10V 10% Dimming	120	SWC Soft-white acrylic	SWO Soft-white acrylic	N100 N100 nLight without Lumen mgt	CP Chicago plenum
	22 2' x 2'	H High Output			277			N80 N80 nLight with 80% Lumen mgt	
	24 2' x 4'							NX Dimming, No nLight	

MERIDIAN

ORDERING INFORMATION		Specifications subject to change.										Example: MDOTM 22 G9 2T5 GEB10PS 120 SWR CP					
Series		Size	Ceiling type		No. of lamps/Lamp type		Ballast		Voltage	Shielding		Options					
MDOTM	Meridian	22 ¹	2' x 2'	G9	9/16" wide inverted tee		2	T5	GEB10IS ²	Standard instant start		120	SWR	Soft-white ribbed lens		EMPK	Emergency Battery Pack
		24		DF	9/16" slot grid or 15/16" wide inverted tee			T5HO	GEB10PS	Standard program start		277					
			2' x 4'						T8	GEB10DIM ^{1,3}	Dimming 0-10v		347 ³	SWS	Soft-white smooth lens		CP

Quantity Limits: 200 units each size (2x2, 2x4)

- Notes
- 1 Dimming not available for 2x2 with T5HO lamping.
 - 2 Available with T8 lamping option ONLY.
 - 3 Dimming not available for 347V.

AURORA

ORDERING INFORMATION		Specifications subject to change.								Example: AUOTM 22 G9 2T5 GEB10PS 120 SWR EMPK						
Series		Size	Ceiling type		No. of lamps/Lamp type ¹		Ballast		Voltage	Shielding		Options				
AUOTM	Aurora	22 ⁴	2' x 2'	G9	9/16" wide inverted tee		2	T5	GEB10IS ²	Standard instant start		120	SWR	Soft-white ribbed lens	EMPK	Emergency Battery Pack
		24	2' x 4'	DF	9/16" slot grid or 15/16" wide inverted tee			T5HO	GEB10PS	Programmed rapid start		277				
								T8	GEB10DIM ^{3,4}	Dimming 0 - 10v		347 ³	SWS	Soft-white smooth lens	CP	Chicago plenum

Quantity Limits: 200 units each size (2x2, 2x4)

- Notes
- 1 Lamps per cross section.
 - 2 Available for T8 lamping options ONLY.
 - 3 Dimming is not available for 347V.
 - 4 Dimming not available for 2x2 with T5HO lamping.

PORTICO

ORDERING INFORMATION			Specifications subject to change.						Example: POROTM 22 G9 2T5 GEB10PS 120 SWR EMPK						
Series		Size		Ceiling type		No. of lamps/Lamp type ¹		Ballast		Voltage	Shielding		Options		
POROTM	Portico	22 ³	2' x 2'	G9	9/16" wide inverted tee		2	T5	GEB10PS	Programmed rapid start	120	SWR	Soft-white ribbed lens	EMPK	Emergency Battery Pack
		24	2' x 4'	DF	9/16" slot grid or 15/16" wide inverted tee			T5HO ²	GEB10DIM ^{2,3}	Dimming 0 - 10v	277	SWS	Soft-white smooth lens	CP	Chicago plenum
											347 ³				

Quantity Limits: 200 units each size (2x2, 2x4)

- Notes
- 1 Lamps per cross section.
 - 2 Dimming not available for 2x2 with T5HO lamping.
 - 3 Dimming not available in 347V.

MAGELLAN

ORDERING INFORMATION		Specifications subject to change.										Example: MGOTM 24IN 3T5 GEB10PS 120			
Series		Size		No. of lamps/Lamp type		Ballast		Voltage	Shielding		Options				
MGOTM	Magellan	24IN	24"	3 ¹	T5	GEB10IS ³	Standard instant start	120	VW	Convex White Acrylic	CP	Chicago plenum			
			diameter	4	T5HO	GEB10PS	Programmed rapid start	277			EMPK ⁶	Emergency Battery Pack			
		36IN	36"	6 ²	T8	GEB10DIM ^{4,5}	Dimming 0 - 10v				347 ⁴	SM2	Sheet Metal Ceiling Panel 2x2		

Quantity Limits: 25 units each size (24" & 36")

- Notes
- 1 24" ONLY.
 - 2 36" ONLY.
 - 3 Available with T8 lamping options ONLY.
 - 4 Dimming not available in 347V.
 - 5 Dimming not available for T5HO lamping.
 - 6 ISL- 28 supplied for T5 and T8 lamping. ISL- 54 supplied for T5HO lamping.

SLOT 2

ORDERING INFORMATION

Specifications subject to change.

Example: SL20TM 4FT UNIV 1T5 GEB10PS 120 FA

Series		Size	Ceiling type	No. of lamps/Lamp types	Ballast		Voltage	Shielding	Options	
SL20TM ¹	Slot 2 (flush or regressed)	4FT 4' 8FT 8'	UNIV Universal trimless sheetrock, 9/16" or 15/16" inverted tee slot grid	1 T5 T5HO	GEB10PS GEB10DIM ²	Programmed rapid start Dimming 0 -10V	120 277 347 ²	FA 3/32" thick clear frosted acrylic	EMPK ³	Emergency Battery Pack

Quantity Limits: 50 units each length (4ft & 8ft)

Notes

- 1 Individual units ONLY.
- 2 Dimming not available for 347V.
- 3 ISL- 28 supplied for T5 lamping. ISL- 54 supplied for T5HO lamping.

SLOT 4

ORDERING INFORMATION

Specifications subject to change.

Example: SL4ROTM 4FT TG 1T5 GEB10PS 120 FA CP

Series		Length		Ceiling type		No. of lamps/Lamp types		Ballast		Voltage	Shielding		Options	
SL4ROTM ¹	Slot 4 Regressed	4FT	4'	TG	9/16" inverted tee grid with regular files	1 ⁴	T5	GEB10IS ⁶	Standard instant start	120	FA	1/8" thick clear frosted acrylic	CP	Chicago plenum
SL4FOTM ¹	Slot 4 Flush	5FT ²	5'	FL	5/8" flange (sheetrock)	2 ⁵	T5HO	GEB10PS	Programmed rapid start	277			EMPK ⁸	Emergency Battery Pack
		8FT	8'		GB ³	Trimless (sheetrock)		T8	GEB10DIM ²	Dimming 0 -10v				

Quantity Limits: 200 units each length (4ft, 5ft & 8ft)

Notes

- 1 Individual units as listed ONLY.
- 2 Dimming not available for T5/T5HO lamping in 5ft lengths (35/80w).
- 3 Not intended for post sheetrock installation.
- 4 Single lamp 8'-0" units will have staggered lamping.
- 5 2-Lamp 8'-0" units do not have staggered lamping.
- 6 Available with T8 lamping options ONLY.
- 7 Dimming not available for 347V.
- 8 ISL- 28 supplied for T5 and T8 lamping. ISL- 54 supplied for T5HO lamping.

SLOT 4 LED

ORDERING INFORMATION

Specifications subject to change.

Example: S4LROTM 4FT TG N35GEDR 120 HT N100 CP

Series		Length		Ceiling Trim		Linear LED Output		Linear LED Color Temp		Driver		Voltage	Shielding		Integrated controls		Options			
S4LROTM ¹	Regressed Lens	4FT	4'	TG	9/16" Flat or Inverted Tee	N	Normal Output	35	3500K ≥ 80 CRI	GEDR	Constant Current Driver, 0-10v Dimmable	120 277	SW	1/4" P95 opal acrylic	N100	N100 nLight without Lumen mgt	CP	Chicago plenum		
	S4LFOTM ¹	Flush Lens	5FT	5'																
8FT			8'	FL	5/8" flange (sheetrock)	H	High Output								HT	90% transmissive textured poly carbonate	N80	N80 nLight with 80% Lumen mgt	EMPK	Emergency Battery Pack
		—FT ²	Cont. Rows	GB ³	Trimless (sheetrock)										NX	Dimming, No nLight				

Quantity Limits:

Individual Units: 100 units each length (4ft, 5ft & 8ft)

Continuous Runs: 250 l/ft maximum per total order

Notes

- 1 Individual units as listed ONLY.
- 2 Continuous Runs are available in 4FT increments up to 40FT.
- 3 Not intended for post sheetrock installation.

SLOT 6

ORDERING INFORMATION

Specifications subject to change.

Example: SL6ROTM 4FT TG 1T5 GEB10PS 120 FA CP

Series		Length		Ceiling type		No. of lamps/Lamp types		Ballast		Voltage	Shielding		Options	
SL6ROTM ¹	Slot 6 Regressed	4FT	4'	TG	9/16" inverted tee grid with regular files	1 ⁴	T5	GEB10IS ⁶	Standard instant start	120	FA	1/8" thick clear frosted acrylic	CP	Chicago plenum
SL6FOTM ¹	Slot 6 Flush	5FT ²	5'	FL	5/8" flange (sheetrock)	2 ⁵	T5HO	GEB10PS	Programmed rapid start	277			EMPK ⁸	Emergency Battery Pack
		8FT	8'	GB ³	Trimless (sheetrock)		T8	GEB10DIM ^{2,7}	Dimming 0- 10v	347 ⁷				

Quantity Limits:

200 units each length (4ft, 5ft & 8ft)

Notes

- 1 Individual units as listed ONLY.
- 2 Dimming not available for T5/T5HO lamping in 5ft lengths (35/80w).
- 3 Not intended for post sheetrock installation.
- 4 Single lamp 8'-0" units will have staggered lamping.
- 5 2-Lamp 8'-0" units do not have staggered lamping.
- 6 Available with T8 lamping options ONLY.
- 7 Dimming not available for 347V.
- 8 ISL- 28 supplied for T5 and T8 lamping. ISL- 54 supplied for T5HO lamping.

SLOT 6 LED

ORDERING INFORMATION

Specifications subject to change.

Example: S6LOTM 4FT FL N35GEDR 120 SW N100 CP

Series	Size	Ceiling trim	Linear LED Output	Linear LED Color Temp	Driver	Voltage	Shielding	Integrated controls	Options
S6LROTM	Regressed Lens	4FT 4' FL 5/8" Flange (sheetrock)	N Normal Output	35 3500K	GEDR Constant Current Driver, 0-10V 2% Dimming	120 277	SW 1/4" P95 opal acrylic	N100 N100 nLight without Lumen mgt	CP Chicago plenum
S6LFOTM	Flush Lens	8FT 8' TG 9/16" Flat or Inverted Tedd GB ² Timeless (sheetrock)	H High Output				HT 90% transmissive textured poly carbonate	N80 N80 nLight with 80% Lumen mgt	
	__FT ¹ Cont. Runs							NX Dimming, No nLight	

Quantity Limits:

Individual Units: 100 units each length (4ft, 5ft & 8ft)

Continuous Runs: 250 l/ft maximum per total order

Notes

- 1 Continuous runs available in 4ft increments up to 40ft.
- 2 Not intended for post sheetrock installation.

SPR

ORDERING INFORMATION

Specifications subject to change.

Example: SPROTM 24FT G9 1T5S GEB10PS 120 SW

Series	Length ¹	Ceiling type	No. of lamps/Lamp type	Ballast	Voltage	Lens	Options
SPROTM	Fully recessed SP	__FT. Provide dimensions to the even foot	G9 Universal 9/16", 15/16", inverted tee or slot grid	1 T5S	GED10IS ⁴ Standard instant start	120 SW Soft-white acrylic	CP Chicago plenum
			FL 5/8" flange (sheetrock)	2 ² TSHOS ³ T8S	GEB10PS Programmed rapid start	277	EMPK ⁶ Emergency Battery Pack
					GEB10DIM ^{3,5} Dimming 0 -10v	347 ⁵	

Quantity Limits: 250 l/ft maximum per total order

Notes

- 1 Maximum individual run length is 24 feet.
- 2 T5 and T5HO lamping options ONLY.
- 3 Dimming not available in T5HO lamping.
- 4 Available with T8 lamping options ONLY.
- 5 Dimming not available in 347V.
- 6 ISL- 28 supplied for T5 and T8 lamping. ISL- 54 supplied for T5HO lamping.

SPR LED

ORDERING INFORMATION

Specifications subject to change.

Example: SPRLOTM 24FT G9 N35GEDR 120 FA N80 CP

Series	Length ^{1,2}	Ceiling trim	Linear LED Output	Linear LED color temp	Driver	Voltage	Shielding	Integrated controls	Options
SPRLOTM	Fully recessed SP LED	__FT. Provide dimensions to the even foot	G9 9/16" wide inverted tee	N Normal Output	GEDR Constant Current Driver, 0-10V 2% Dimming	120 277	FA Clear frosted acrylic	N100 N100 nLight without lumen mgt	CP Chicago plenum
		FL 5/8" flange (sheetrock)	H High Output					N80 N80 nLight with 80% lumen mgt	
								NX Dimming, No nLight	

Quantity Limits:

Maximum individual run length is 24'-0"

Maximum total order is 250 l/ft total for all runs

Notes

- 1 Maximum individual run length is 24'-0".
- 2 Provide even foot run lengths when placing order. A run length component planner will be submitted for record with each order.

MP

ORDERING INFORMATION

Specifications subject to change.

Example: MPOTM 20FT 1T5S GEB10PS 277 EBB CP

Series	Length ¹	No. of lamps/Lamp types	Ballast	Voltage	Shielding	Options
MPOTM	MP __FT. Provide wall-to-wall dimensions	1 T5S	GEB10IS ³ Standard instant start	120	EBB Extruded aluminum bold baffle, 3/16" blades 1" h. x 1.2" o.c.	CP Chicago plenum
		2 TSHOS ²	GEB10PS Programmed rapid start	277		
		T8S	GEB10DIM ^{4,5} Dimming 0 -10v	347 ⁴		EMPK ⁵ Emergency Battery Pack

Quantity Limits: 250 l/ft maximum per total order

Notes

- 1 Maximum individual run length is 24 feet.
- 2 Dimming not available in T5HO lamping.
- 3 Available with T8 lamping options ONLY.
- 4 Dimming not available in 347V.
- 5 ISL- 28 supplied for T5 and T8 lamping. ISL- 54 supplied for T5HO lamping.

PERIMETER PLUS

ORDERING INFORMATION

Specifications subject to change.

Example: PPLOTM 24FT SL 1T5S GEB10PS 277 CP

Series	Length ¹	Color	No. of lamps/Lamp types	Ballast	Voltage	Options
PPLOTM Perimeter Plus	— FT. Provide wall-to-wall dimensions	SL Silver	1 T5S	GEB10IS ^{2,3} Standard instant start	120	CP Chicago plenum
		WH White	T5HOS ²	GEB10PS Programmed rapid start	277	EMPK ⁵ Emergency Battery Pack
			T8S	GEB10DIM ^{2,4} Dimming 0 -10v	347 ⁴	

Quantity Limits: 250 l/ft maximum per total order

Notes

- 1 Maximum individual run length is 24 feet.
- 2 Dimming not available in T5HO lamping.
- 3 Available with T8 lamping options ONLY.

- 4 Dimming not available in 347V.
- 5 ISL- 28 supplied for T5 and T8 lamping.
ISL- 54 supplied for T5HO lamping.

PROCYON

ORDERING INFORMATION

Specifications subject to change.

Example: PR10TM 4FT SYO 2T5HO GEB10PS 120 IND

Series	Length	Mounting	No. of lamps/Lamp types	Ballast	Voltage	Designation	Options
PR10TM Procyon (perforated)	4FT Nominal 4'	SYO ¹ Split 'Y' cable mounting kit	2 T5	GEB10PS Programmed rapid start	120	IND Individual	EMPK ³ Emergency Battery Pack (limited to 1.18" wide by 1" high)
	8FT Nominal 8'		T5HO	GEB10DIM ² Dimming 0 -10v	277		
					347 ²		

Quantity Limits: 50 units each length (4ft & 8ft)

Notes

- 1 Mounting kit includes: (2) canopies, (2) split 'Y' cables and (1) power feed.

- 2 Dimming not available for 347V.
- 3 ISL- 28 supplied for T5 lamping.
ISL- 54 supplied for T5HO lamping.

PLANAR

ORDERING INFORMATION

Specifications subject to change.

Example: PLA0TM 4FT SYO 1T5 GEB10PS 120 PBO IND

Series	Length	Mounting	No. of lamps/Lamp types	Ballast	Voltage	Shielding	Designation	Options
PLA0TM Planar	4FT ¹ Nominal 4'	SYO ² Split 'Y' cable mounting kit	1 T5	GEB10PS Programmed rapid start	120	SW Soft-white acrylic	IND Individual	EMPK ⁴ Emergency Battery Pack (limited to 1.18" wide by 1" high)
	8FT ¹ Nominal 8'		T5HO	GEB10DIM ³ Dimming 0 -10v	277	PBO Parabolic diffuse aluminum baffle		
					347 ³			

Quantity Limits: 50 units each length (4ft & 8ft)

Notes

- 1 Individual units ONLY.
- 2 Mounting kit includes: (2) canopies, (2) split 'Y' cables and (1) power feed.

- 3 Dimming not available for 347V.
- 4 ISL- 28 supplied for T5 lamping.
ISL- 54 supplied for T5HO lamping.

PROCYON WALL

ORDERING INFORMATION

Specifications subject to change.

Example: PRWOTM 4FT 1T5 GEB10PS 120 IND

Series	Length	No. of lamps/Lamp types	Ballast	Voltage	Shielding	Options
PRWOTM Procyon Wall	4FT ¹ Nominal 4'	1 T5	GEB10PS Programmed rapid start	120	IND Individual	EMPK ³ Emergency Battery Pack
	8FT ¹ Nominal 8'	2 T5HO	GEB10DIM Dimming 0 -10v	277		
				347 ²		

Quantity Limits: 25 units each length (4ft & 8ft)

Notes

- 1 Individual units ONLY.
- 2 Dimming not available in 347V.
- 3 ISL- 28 supplied for T5 lamping.
ISL- 54 supplied for T5HO lamping.



HEALTHCARE LIGHTING®

Healthcare Lighting was founded with a singular mission to deliver high-quality lighting systems that contribute to positive patient outcomes. Our solutions are designed to meet the needs of the healthcare environment, enhancing the patient experience while enabling caregiver effectiveness and performance. This commitment is manifested through tailored light distributions, intuitive controls and ease of maintenance.

We offer thoughtful, innovative lighting solutions for patient care settings and surgical, procedure and diagnostic applications.



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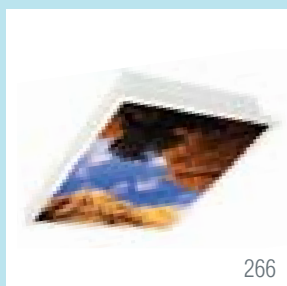
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ILLUMINATING THE PATIENT ROOM

APPLICATION DETAILS

The patient room in an acute care hospital is a complex environment. Lighting needs are diverse and often demanding, all in support of the facility's overarching goal to achieve the best possible patient experience and outcomes. Today's patient room typically requires the following lighting:

PATIENT

- Bed lighting should provide multiple light levels to align with updated Illuminating Engineering Society (IES) recommendations and to allow adjustment based upon individual preference, age, and medical condition. Controls should be easily accessible and intuitive.
- Ceiling-mounted luminaires should deliver diffuse, comfortable light for normal activities, avoiding discomfort glare for patients in prone or reclined positions.
- Night lighting must illuminate the floor, providing a clear path to the lavatory or doorway in the darkened room, while minimizing sleep disruption.

CAREGIVER

- Exam lighting should be separately controlled, delivering higher level intensity over the entire bed for examination, as well as minor procedures that are increasingly performed in the patient room. Color rendering and correlated color temperature are important considerations for visual acuity and accurate rendition of the patient's pallor, skin, and tissues.
- Hand-wash sinks should be independently illuminated with sufficient intensity for task effectiveness while including appropriate cut-off to minimize glare and excessive light trespass to the patient.
- Night lighting should allow safe passage through the room at night without undue patient disruption.
- Low-level observation lighting allows nighttime viewing of the patient without interrupting their sleep.

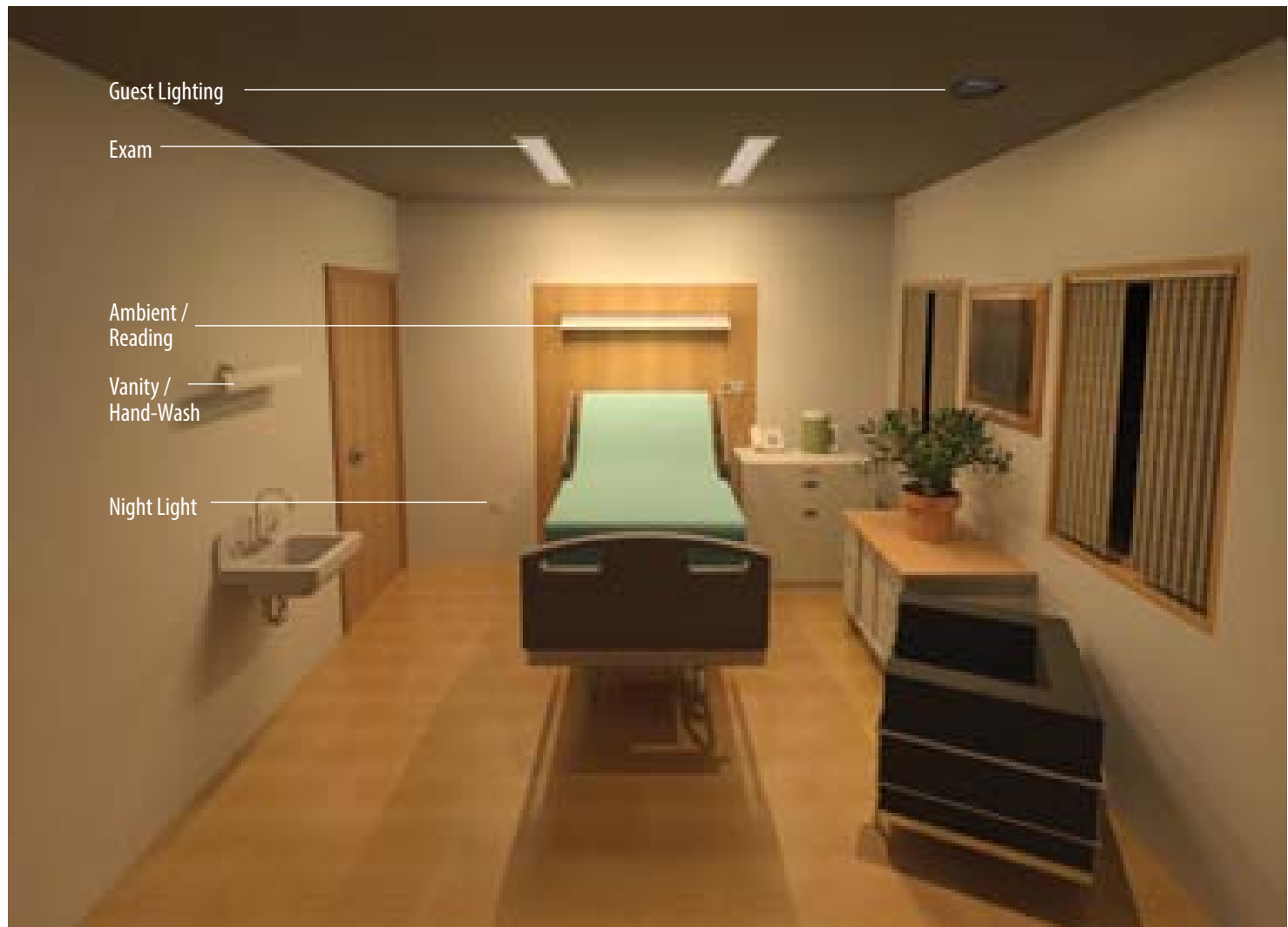
GUEST

- Separate lighting for the visitor area should allow glare-free, visually comfortable reading and ambient illumination while limiting trespass to a resting patient.

It is important to consider not only the average light intensity but also how the light is distributed over the relevant area. Considerations such as glare, uniformity, lighting controls, clearance for equipment such as lift rails, and other factors unique to the space will further guide selection.

The right combination of lighting and controls equipment can result in a patient room solution that fully meets the functional and aesthetic requirements of the space. While specific room dimensions and layouts vary, the following page provides one configuration for lighting the Patient Care Zone.

ILLUMINATING THE PATIENT ROOM



ANATOMY OF THE PATIENT ROOM

Patient Care Zone

- Ambient / Reading: Provides the patient with comfortable light levels for reading and general ambient room illumination

Exam

- Direct task lighting for patient examination and minor procedures

Support Zone

- Hand-wash Sink: Mounted above the hand-wash basin, providing task illumination even in low level room lighting
- Night Light: Unobtrusive pathway illumination enables patient and staff to safely move about room in dark conditions
- Guest Lighting: Provides comfortable guest lighting without patient disruption

OMNILUME

2'x4'



Intended Use

Omnilume provides the ultimate versatility in patient bed lighting with superior examination illumination, ambient light level selections, and chart light options. The motorized exam head (optional) sweeps through a 60-degree range to direct high-intensity illumination exactly where it is needed. The center section of the fixture is designed for multi-level switching so that the patient can easily select lighting that is comfortable for reading/tasks or general ambient illumination. Light levels can be controlled via the nurse call system, if wired to the low voltage controller in the fixture, or using a separate pendant pillow switch (optional).

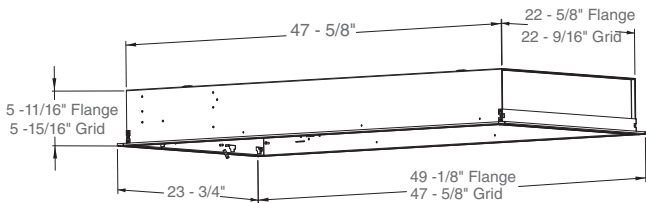
Features

- Patient and caregiver lighting with separate controls
- Motorized exam head (optional) sweeps 0-60° with wall control, included
- Greater than 250fc light delivered across entire bed surface when head is positioned throughout range of motion
- 100 CRI exam lighting
- Bi-level patient lighting controlled from nurse call system with 2C optional Ambient Control (low voltage controller standard with MA option)
- LED chart/observation light (optional)
- Entirely serviceable from within the room
- EZ-Hang mounting system allows quick and easy connection to ceiling supports

ORDERING INFORMATION		Specifications subject to change.										Example: HPT224 MA F 120 TAI SX 2C LCL					
Series		Exam Type		Mounting	Voltage		Diffuser		Ambient lamping		Ambient control	Circuits		Options		Finish	
Product	Size HPT224 2x4 FT	MA	Motorized (includes LVM)	G Grid	120	120V	TAI	Translucent Acrylic (Standard)	(blank)	4 ea. 21WT5 Standard	LVA - Low Voltage Controller (FA adder)	1C	1 Circuit ambient	LCR	LED Chart Light on Right	GW	Gloss White (Standard)
		FA	Non-Motorized	F Flange	277	277V	PAI	Perforated Acrylic Insert (Recommended for Patient Rooms)			LV1A - LVC with J-box and Pillow Switch (FA)	2C	2 Circuit - bi-level ambient optional Ambient Control	LCL	LED Chart Light on Left	AM	Anti-Microbial White
LVMJPS - 1-gang J-box with pillow switch (MA Only)									ADEZ		Mark X Dimming ballast 5-100% phase control						
LVMEC - Remote pendant exam control (MA only)				ADZT	Mark VII Dimming ballast 0-10V low voltage dimmer	CL11	MR11 Chart Light on Left										
LVMJPSEC - Both LVMJPS and LVMEC (MA only)						GLR	Fast-Blo Fuse										
SX - No Switch						GMF	Slo-Blo Fuse										

ADDITIONAL INFORMATION For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Three each 75W MR16 exam lamps included.
- 2 MA option comes with 4-Circuit Low Voltage Controller and 2-gang wall plate (LVM).
- 3 Program start ballasts standard.
- 4 LVA and LV1A with FA only - 2 circuit low voltage switch.
- 5 JPS and EC with Motorized Exam only; when nurse call system unavailable.
- 6 Ambient dimming only with SX option; controlled by others.

OMNILUME
2'x2'



Intended Use

The louvered patient lighting section of the fixture is designed for bi-level switching so that the patient can easily select lighting that is comfortable for their purpose. Light levels can be controlled via the nurse call system, if wired to the low voltage controller in the fixture, or using a separate pendant pillow switch (optional). A center basket style is also offered as an alternative to the louvered design. (Consult factory.)

Features

- Patient and caregiver lighting with separate controls
- Motorized exam head (optional) sweeps 0-60° with wall control, included
- Greater than 250fc light delivered across entire bed surface when head is positioned throughout range of motion
- 100 CRI exam lighting
- LED chart/observation light (optional)
- Entirely serviceable from within the room

ORDERING INFORMATION

Specifications subject to change.

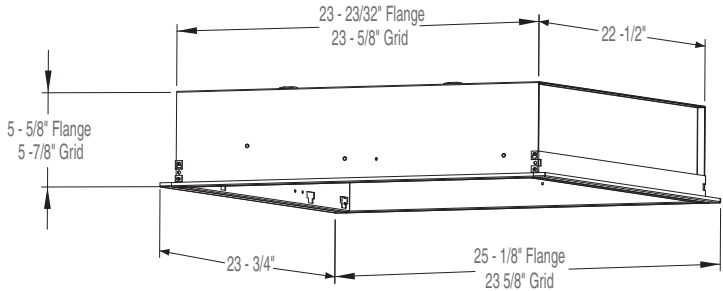
Example: HPT222LB MA F 120 TAI 2ACF55 1C LCL

Series		Exam Type		Mounting		Voltage		Diffuser		Ambient lamping		Ambient control		Ambient circuits		Options		Finish	
<u>Product</u> HPT22LB	<u>Size</u> 2X2 FT	MA	Motorized (includes LVM)	G	Grid	120	120V	TAI	Translucent Acrylic (Standard)	2ACF55	2x55W Biax	LVA - Low Voltage Controller (FA adder)	1C	1 Circuit ambient	LCR	LED Chart Light on Right	GW	Gloss White (Standard)	
		FA	Non-Motorized	F	Flange	277	277V	PAI	Perforated Acrylic Insert (Recommended for Patient Rooms)	3ACF55	3x55W Biax	LV1A - LVC with J-box and Pillow Switch (FA)	2C	2 Circuit - bi-level ambient	LCL	LED Chart Light on Left	AM	Anti- Microbial White	
										2ACF40	2x40W Biax	LVMJPS - 1-gang J-box with pillow switch (MA Only)	ADEZ	Mark X Dimming ballast 5-100% phase control	CR11	MR11 Chart Light on Right			
										3ACF40	3x40W Biax	LVMEC - Remote pendant exam control (MA only)	ADZT	Mark VII Dimming ballast 0-10V low voltage dimmer	CL11	MR11 Chart Light on Left			
												LVMJPSEC - Both LVMJPS and LVMEC (MA only)			GLR	Fast-Blo Fuse			
												SX - No Switch			GMF	Slo-Blo Fuse			
																LNL	LED Night Light		
																NFL	Fluorescent Night Light		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Three each 75W MR16 exam lamps included.
- 2 MA option comes with 4-Circuit Low Voltage Controller and 2-gang wall plate (LVM).
- 3 LVA and LV1A with FA only - 2 circuit low voltage switch.
- 4 JPS and EC with Motorized Exam only; when nurse call system unavailable.
- 5 Ambient dimming only with SX option; controlled by others.
- 6 Program start ballasts standard.
- 7 For HPT222LB (2x2), ambient section has louvers with acrylic overlay.

HPT100 SERIES



Intended Use

The HPT100 family offers a traditional design in a multi-function bed light. A basket section for ambient lamping and a louvered section for caregiver exam lighting are controlled separately. Exam lighting is directed downward on the bed surface through a parabolic louver that both reduces glare and obscures lamp silhouette. An acrylic overlay is inserted between the lamps and the louvered panel. Incorporating a low voltage controller (optional) allows the patient to control lighting from the nurse-call handset or a separate pendant pillow switch (optional).

Intended Use

- Patient and caregiver lighting with separate controls
- Tri-level control (3 lamp option) for ambient, reading, and task lighting
- Low voltage controller (option) allows patient control from nurse call system
- Sanitary lens (option) with concealed hinge design improves cleanliness
- Multiple lamping options available for both patient and caregiver lighting
- Entirely serviceable from within the room

ORDERING INFORMATION

Specifications subject to change.

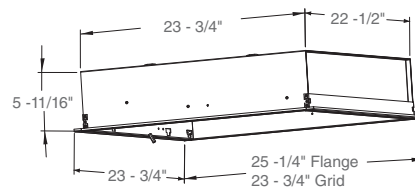
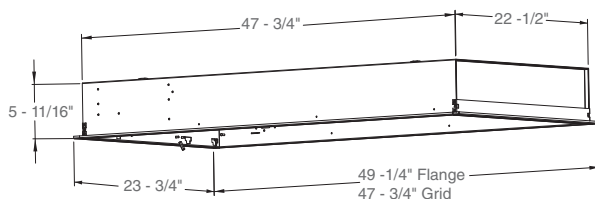
Example: HPT124 G 120 ALB TAI LV 1C 2ACF40 3XCF40 LNL AM

Series	Mounting	Voltage	Basket lens	Ambient lens insert	Ambient control	Ambient circuits	Ambient lamps	Exam Lamping	Options	Finish
Product Size	G Grid	120 120V	ALB Acrylic Lens Basket (Standard)	TAI Translucent Acrylic (Standard)	LV Low Voltage Controller	1C 1 Circuit	2ACF40 2x40W Biax (2x4)	3XCF40 3x40W Biax (2x4)	SL Sanitary Lens with Door	GW Gloss White (Standard)
HPT124 2x4 FT	F Flange	277 277V				2C 2 Circuit - tri-level control	2ACF50 2x55W Biax (2x4)	3XCF50 3x50W Biax (2x4)		
HPT122 2x2 FT		MVOLT 120-277V	PMB Perforated Metal Basket	PAI Perforated Acrylic Insert	LV3 LVC with J-box, receptacle and Pillow Switch with Cord	ADEZ Mark X Dimming ballast 5-100% phase control	2ACF55 2x55W Biax (2x4)	3XCF55 3x55W Biax (2x4)	LNL LED Night Light	AM Anti-Microbial White
				WAV Acrylic Wave Pattern Insert	SX No Switch	ADZT Mark VII Dimming ballast 0-10V low voltage dimmer	3ACF40 3x40W Biax (2x4)	4XCF40 4x40W Biax (2x4)	NLF 9 Watt Night Light	
							3ACF50 3x50W Biax (2x4)	4XCF50 4x50W Biax (2x4)	GLR Fast-Blo Fuse	
							3ACF55 3x55W Biax (2x4)	4XCF55 4x55W Biax (2x4)	GMF Slo-Blo Fuse	
							2ACF27 2x27W Biax (2x2)	2XCF55 2x55W Biax (2x2)		
							3ACF27 3x27W Biax (2x2)			

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Dimmer only available with SX option.
- 2 Contact factory for 347V availability.

TRILUME



Intended Use

The Trilume provides glare- and shadow-free illumination in a clean, visually comfortable aesthetic. Specify three lamps and 2 circuits to provide the patient with versatile tri-level light control for patient comfort. If a low voltage controller is included (optional), light levels can be conveniently adjusted via the nurse call system or using a separate pendant pillow switch (optional). This design is a complement to the Trilume with Exam fixture and is also suitable for corridors and for other areas of the facility where general lighting is needed.

Features

- Direct and indirect lighting via acrylic lens with translucent acrylic insert
- 2 circuits (optional) allow multi-level light control
- Multiple lamping options available
- Low voltage controller (option) allows patient control from nurse call system
- Sanitary lens (option) with concealed hinge design improves cleanliness
- Entirely serviceable from within the room

ORDERING INFORMATION

Specifications subject to change.

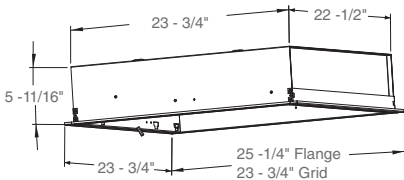
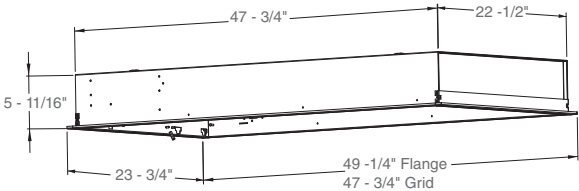
Example: HPT324 G 120 ALB TAI 2 TS 2C LNL AM

Series		Mounting	Voltage		Basket lens		Ambient lens insert		Lamp Qty (AMB)	Lamping		Ambient control		Switching		Options		Finish	
Product	Size	G Grid	120	120V	ALB	Acrylic Lens Basket (Standard)	TAI	Translucent Acrylic	2	T8	17W (2 ft)	LV	Low Voltage Controller	1C	1 Circuit	GLR	Fast-Blo Fuse	GW	Gloss White (Standard)
HPT324	2x4 FT	F Flange	277	277V			PAI	Perforated Acrylic Insert	3		32W (4 ft)			2C	2 Circuit - 2 or 3 level control	GMF	Slow-Blo Fuse	AM	Anti-Microbial White
HPT322	2x2 FT		MVOLT	120-277V	PMB	Perforated Metal Basket	WAV	Acrylic Wave Pattern Insert [Only available with ALB option]	4	T5	14W (2 ft)	LV3	LVC with J-box, receptacle and Pillow Switch with Cord	ADEZ	Mark X Dimming ballast 5-100% phase control	LNL	LED Night Light		
										T5H0	28W (4 ft)					SL	Sanitary Lens and Door		
											54W (4 ft)	SX	No Switch	ADZT	Mark VII Dimming ballast 0-10V low voltage dimmer	NLF	9 Watt Night Light		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 T8 standard with instant start ballast.
- 2 TS standard with program start ballast.
- 3 Consult factory for availability of 347V.
- 4 If SL option, then PMB required.

TRILUME WITH EXAM



Intended Use

The Trilume with Exam offers multi-purpose functionality in a clean design that is more contemporary. The patient and exam sections run the full length of the fixture for more uniform light distribution over the bed surface.

Exam lighting is asymmetrically directed from each side of the fixture toward the bed surface, providing effective distribution and limited light trespass while mitigating shadows. A full-length sanitary lens with concealed hinge door frame is standard. If a low voltage controller is included (optional), light levels can be conveniently adjusted via the nurse call system or using a separate pendant pillow switch (optional).

Features

- Patient and caregiver lighting with separate controls
- Tri-level control (3 lamp option) for ambient, reading, and task lighting
- Low voltage controller (option) allows patient control from nurse call system
- Separate exam sections asymmetrically deliver light toward the bed
- Sanitary lens with concealed hinge design improves cleanliness
- Entirely serviceable from within the room

ORDERING INFORMATION

Specifications subject to change.

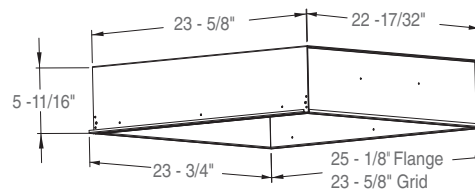
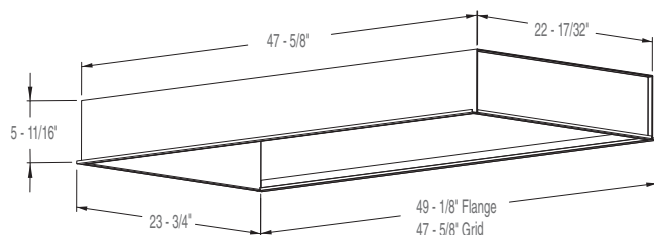
Example: HPT524 G 120 ALB TAI 2 T5 LV 2C 2XT5 LNL AM

Series	Mounting	Voltage	Basket lens	Ambient lens insert	Lamp Qty (AMB)	Ambient lamping	Ambient control	Switching	Exam lamping	Options	Finish
Product Size	G Grid	120 120V	ALB Acrylic Lens Basket (Standard)	TAI Translucent Acrylic insert (Standard)	2	T8 17W (2 ft)	LV Low Voltage Controller	1C 1 Circuit	2XT5H0 1 per side 24W (2 ft)	SL Sanitary Lens with Door (Standard)	GW Gloss White (Standard)
HPT524 2x4 FT	F Flange	277 277V	PMB Perforated Metal Basket	PAI Perforated Acrylic Insert (Recommended for Patient Room)	3	32W (4 ft)	LV3 LVC with J-box, receptacle and Pillow Switch with Cord	2C 2 Circuit - 2/3 Level Control	2XT5 1 per side: 14W (2 ft) 28W (4 ft)	LNL LED Night Light	AM Anti-Microbial White
HPT522 2x2 FT		MVOLT 120-277V		WAV Acrylic Wave Pattern Insert (only available with ALB option)		T5 14W (2 ft) 28W (4 ft)	SX No Switch	ADEZ Mark X Dimming ballast 5-100% phase control	2XT8 1 per side: 17W (2 ft) 32W (4 ft)	LRL 3W LED Reading Light	
						T5H0 24W (2 ft) 54W (4 ft)		ADZT Mark VII Dimming ballast 0-10V low voltage dimmer	4XT5 2 per side: 14W (2 ft) 28W (4 ft)	GLR Fast-Blo Fuse	
									4XT8 2 per side: 17W (2 ft) 32W (4 ft)	GMF Slow-Blo Fuse	

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Contact factory for availability of 347V.
- 2 Recommended Exam lamping is T5H0 which comes with custom parabolic reflector for best performance.
- 3 T8 ballast standard instant start. T5 ballast standard program start.

Intended Use

General lighting in radiology, oncology, and specialized treatment areas should create a calming atmosphere to ease patient tensions as much as possible. Ceiling fixtures with interesting graphics such as colorful landscape scenes can provide a pleasant distraction while patients are prone or recumbent for long periods of time.

Features

- Vivid color, proprietary high-definition lens
- Library of impressive National Geographic® images
- Customized layouts and images are available; consult factory
- Multiple lamping options available
- Tool-free cam-lock tabs secure door against gasket for dust seal

COMFORTVIEW



ORDERING INFORMATION

Specifications subject to change.

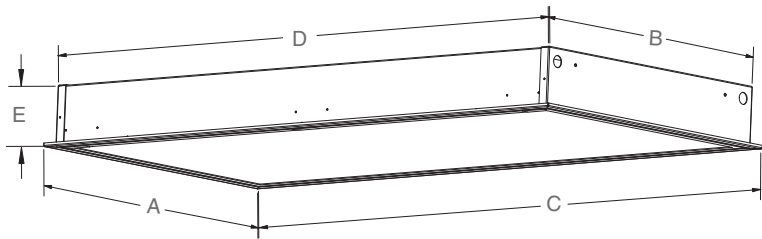
Example: HCV124 G MVOLT SP1 H1 GI270 LED AM

Series		Mounting		Voltage		Fixture spacing		Configurations	Image Number	Lamping type		Options		Finish		
<u>Product</u>	<u>Size</u>	G	Grid	MVOLT	120-	SP0	0-inch	<u>For 2x2 FT</u>	See image gallery on website www.healthcare-lighting.com (e.g. GI270)	T8	17W (2 FT)	GLR	Fast-Blo Fuse	GW	Gloss White (Standard)	
HCV122	2x2 FT Fluorescent	F	Flange	277V	SP1	1-inch (Standard Grid)	A1	T5		32W (4 FT)	GMF	Slow-Blo Fuse	AM	Anti-Microbial White		
HCV124	2x4 FT Fluorescent				SP15	1.5-inch grid	C2			14W (2FT)	ADEZ	Mark X Dimming ballast				
HCV222	2x2 FT LED				SPN	Non-Std	D4			28W (4FT)		5-100% phase control				
HCV224	2x4 FT LED						E6			3500K LED	ADZT	Mark VII Dimming ballast 0-10V low voltage dimmer	SX	No Switch		
							F6	<u>For 2x4 FT</u>		*4 lamps per fixture by others for even backlighting						
							G9	H1								
								I1								
								J2								
								K2								
								L3								
								M3								

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Comes standard with universal voltage ballast or driver.
- 2 Four lamps per fixture to provide even backlighting.
- 3 Contact factory for non-standard grid size to preserve patterns.
- 4 Certain images not available in F, G, and L patterns.
- 5 See image gallery at www.healthcare-lighting.com.

PRODUCT INFORMATION

TANDEM



Intended Use

Streamlined and unobtrusive, a set of Tandem fixtures offers an ideal combination of form and function. Each individual fixture, mounted outboard of the patient bed, asymmetrically distributes light toward the bed but outside of the patient's direct line of sight. Shadowing is reduced because light is delivered from both sides of the bed.

Features

- Light distribution from two angles minimizes shadows and glare
- Outboard mounting accommodates lift systems and other obstacles over center of patient bed
- Delivers consistent exam-level lighting over entire bed surface
- Sanitary lens with concealed hinge design improves cleanliness (optional)
- Entirely serviceable from within the room

ORDERING INFORMATION

Specifications subject to change.

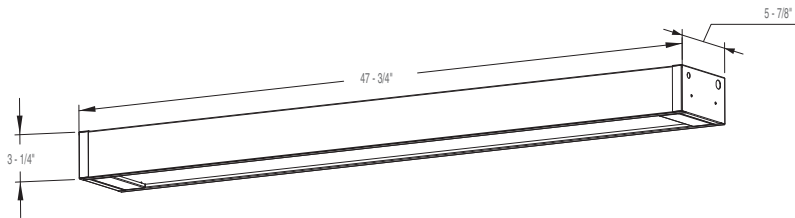
Example: HPT410 G MVOLT 1AT5HO LV 2XT5 SL AM

Series		Mounting	Voltage		Ambient lighting		Ambient control		Exam lighting		Options	Finish	
Product	Size	G Grid	120	120V	(blank)	1AT5-28W	LV	Low Voltage Controller	(blank)	2 ea. 54W T5HO per housing	SFO Single fixture option (One 6" x 4 FT. fixture only)	(blank)	Gloss White (Standard)
HPT410	Pair of Fixtures 6"x4 FT	F Flange	277	277V	1AT5HO	54W T5HO	LV3	LVC with J-box, receptacle and Pillow Switch with cord	2XT5	2 ea. 28W T5 per housing	GLR Fast-Blo Fuse	AM	Anti-Microbial White
			MVOLT	120-277V			SX	No Switch			GMF Slow-Blo Fuse		
							ADEZ	Mark X Dimming ballast 5-100% phase control			SL Sanitary lens and door		
							ADZT	Mark VII Dimming ballast 0-10V low voltage dimmer					

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Contact factory for availability of 347V.
- 2 Exam lamp switching provided by others.
- 3 Standard exam lamps are 2 54W T5HO.
- 4 One Tandem consists of 2 4-foot long fixtures.
- 5 Dimming only available with SX; dimming control by others.
- 6 LV and LV1 is for patient control of ambient lamps.
- 7 Consult factory for specifications.
- 8 For SL option, dimensions of fixture change.

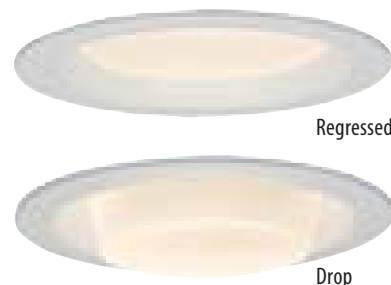
Intended Use

Within the patient room, recessed downlights can provide soothing ambient illumination for the whole space - or deliver more narrowly focused reading lighting for guests without light trespass to a resting patient.

EVO® meets today's standards but with an eye on tomorrow. Its unobtrusive design, elegant in its simplicity, addresses general lighting applications throughout the facility. A modular design allows re-configuring of the light engine - mixing chamber, reflector, lenses, and LEDs can be independently changed - affording tremendous flexibility for upgrades as technology advances.

Features

- Advanced solid-state components efficiently deliver lumen levels comparable to CFL fixtures
- Thermal design ensures that LED temperatures remain at or below 50% of the thermal limit - for enhanced color stability, better fixture-to-fixture consistency, and longer LED life
- Modular design allows future upgrades with advancing technology
- Retrofit kit allows simple renovation, without removal from ceiling
- Multiple lumen packages and aperture sizes provide exceptional uniformity and energy savings

EVO®**ORDERING INFORMATION**

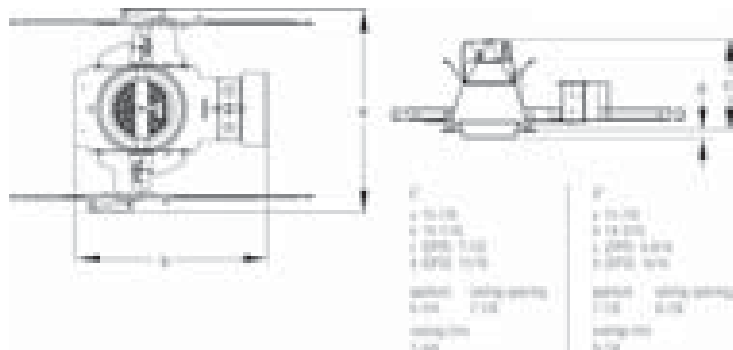
Specifications subject to change.

Example: ALED35 18 6 DFR PCL 120 ECOS3 SF DWHG

Series		Nominal Lumens	Aperture	Trim style	Lens	Voltage	Driver	Options	Finish
<u>Sealed Downlight</u>									
ALED27	2700K	10 1000 lumens (6-inch)	6 6-inch	DFR Non-Conductive Regressed (ALED)	PCL 1/8" Clear Polycarbonate	120 120V	(blank) 0-10v dimming	SF Single Fuse	DWHG Matte White
ALED30	3000K	14 1400 lumens (6-inch)	8 8-inch	DFD Non-conductive drop (ALED)	T73 3/16" Tempered Prismatic	277 277V	ECOS3 Lutron Hi-Lume Dimming	ELR Emergency Battery Pack	DDB Dark Bronze
ALED35	3500K	18 1800 lumens (6- or 8-inch)		WR White Trim (VRALED)	CVX 3/16" Clear Convex Glass	347 347V		CP Chicago Plenum	DBL Black
ALED41	4100K			AR Clear Trim (VRALED)				NSD Sensor Switch nLight™ Dimming Relay	DMB Medium Bronze
<u>Vandal Resistant</u>									DNA Natural Aluminum
VRALED27	2700K	22 2200 lumens (8-inch)							
VRALED30	3000K	29 2900 lumens (8-inch)							
VRALED35	3500K								
VRALED41	4100K								

ADDITIONAL INFORMATIONFor additional product information, visit www.healthcare-lighting.com.

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**Notes**

- 1 Lens and finish must be specified for VRALED only.

CHRYSLALITE



Intended Use

The Chrysalite is a stylish solution for wall-mounted patient bed lighting. Photometric testing shows that placement above and behind the patient delivers optimal distribution of light for reading. If a low voltage controller is included (optional), light levels can be adjusted via the nurse call system or using a separate pendant pillow switch (optional).

Features

- Delivers multiple light levels for patient and caregiver: indirect, direct, both, as well as flip-top examination section
- Unique convenience switch (option) allows exam lighting to illuminate automatically when exam head is flipped open
- Automatically returns to previous light mode when exam head is closed

- Top and bottom lenses are fully supported in grooves to prevent sagging
- Separate mounting plate makes installation easy; mount rigid but lightweight plate to wall and then install fixture
- Low voltage controller (option) allows patient control from nurse call system or separate pillow switch (option)
- Tool-free access to ballast compartment while fixture remains on wall
- Single-piece extruded aluminum body with die-cast handles for extreme durability
- Entirely serviceable without removal from wall

ORDERING INFORMATION

Specifications subject to change.

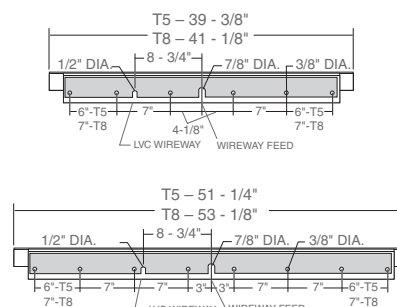
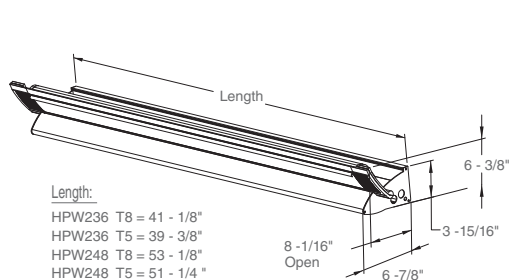
Example: HPW248 120 T5 2U2D LV LCR AM

Series	Voltage	Lamping type	Lamp configuration	Switching	Options	Finish
<u>Product</u> <u>Size</u>	120 120V	T8 32W (4FT) 25W (3 FT)	2U1D 2 Up, 1 Down	LV Low Voltage Controller -sequential switching	CS Convenience Switch	FW Flat White (Standard)
HPW236 3FT	277 277V	T5 28W (4FT) 21W (3FT)	2U2D 2 Up, 2 Down	LV1L LVC with Pillow Switch for Downlight on Left	LCR LED Chart Light with switch on right	AM Anti-Microbial White
HPW248 4FT		T5HO 54W (4FT) 39W (3FT)	1U1D 1 Up, 1 Down	LV1R LVC with Pillow Switch for Downlight on Right	LCL LED Chart Light with switch on left	CC Custom Color ² (need customer to provide RAL#)
			1U2D 1 Up, 2 Down	LV2L LVC with pillow switch on Left- sequencing up + down light		
				LV2R LVC with pillow switch on Right- sequencing up + down light		
				S2L On/Off pull chain on left	BD Bed-stop switch	
				S2R On/Off pull chain on right	GLR Fast-Blo Fuse	
				S2C On-off pull chain center	GMF Slo-Blo Fuse	
				S2LDL On/Off pull chain on left (for Bottom Only)	LCRW LED Chart Light on Right Hard-Wired	
				S2RDL On/Off pull chain on right (for Bottom Only)	LCLHW LED Chart Light on Left Hard-Wired	
				S2CDL On/Off pull chain on center (for Bottom Only)		
				S4L 4-position pull chain on left		
				S4R 4-position pull chain on right		
				S4C 4-position pull chain center		
				SX No Switch		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- T5HO must include convenience switch (CS).
- Custom color requires factory pricing.
- Switching: S2 and S4 options are compatible with 120v only.
- Wall mount brackets included, packaged separately.
- T8 instant start ballast; T5 program start ballast.
- Consult factory for 347V availability.

CHRYSLALITE LED



Intended Use

The Chrysalite LED is a stylish alternative solution for wall-mounted patient bed lighting. Photometric testing shows that fixture placement above and behind the patient delivers optimum light for reading and tasks. The Chrysalite LED comes with our unique convenience switch (option) which permits the caregiver to switch to exam mode after flipping the top section forward. Installation of a low voltage controller (option) will allow the interface of either the nurse call system or a separate pendant pillow switch (option).

Features

- Delivers multiple light levels for patient and caregiver: indirect, direct, both, as well as flip-top examination section
- Unique convenience switch (option) allows exam lighting to illuminate automatically when exam head is flipped open
- Automatically returns to previous light mode when exam head is closed
- Separate mounting plate makes installation easy; mount rigid but lightweight plate to wall and then install fixture
- Low voltage controller (option) allows patient control from nurse call system or separate pillow switch (option)
- Tool-free access to LED driver compartment while fixture remains on wall
- Single-piece extruded aluminum body with die-cast handles for extreme durability.

ORDERING INFORMATION

Specifications subject to change.

Example: HPW248 120 LED35 2U2D LV LCR AM

Series	Voltage	Lamping type	Lamp configuration	Switching	Options	Finish
Product Size HPW236 3FT HPW248 4FT	120 120V 277 277V	LED35 LED 3500K	2U1D 2 Up, 1 Down 2U2D 2 Up, 2 Down 1U1D 1 Up, 1 Down 1U2D 1 Up, 2 Down	LV Low Voltage Controller -sequential switching LV1L LVC with Pillow Switch for Downlight on Left LV1R LVC with Pillow Switch for Downlight on Right LV2L LVC with Pillow Switch on Left- sequencing up + down light LV2R LVC with Pillow Switch on Right- sequencing up + down light S2L On/Off Pull Chain on Left S2R On/Off Pull Chain on Right S2C On-Off Pull Chain Center S2LDL On/Off Pull Chain on Left (for Bottom Only) S2RDL On/Off Pull Chain on Right (for Bottom Only) S2CDL On/Off Pull Chain on Center (for Bottom Only) S4L 4-Position Pull Chain on Left S4R 4-Position Pull Chain on Right S4C 4-Position Pull Chain Center SX No Switch	CS Convenience Switch LCR LED Chart Light with Switch on right LCL LED Chart Light with Switch on Left BD Bed-Stop Switch LCRW LED Chart Light on Right Hard-Wired LCLHW LED Chart Light on Left Hard-Wired	FW Flat White (Standard) AM Anti-Microbial White CC Custom Color (need customer to provide RAL #)

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Notes

- 1 Custom color requires factory pricing.
- 2 Switching: S2 and S4 options are compatible with 120V only.
- 3 Wall mount brackets included, packaged separately.
- 4 For pull chain and pillow switch, specify "left" or "right" as viewed facing the headwall.
- 5 3W LED chart light (option) always installed opposite end from pull chain or pillow switch.
- 6 Consult factory for LED availability and specifications.
- 7 Healthcare Lighting reserves the right to make design changes to this product at any time without prior notice and such modifications will be effective immediately.

ARCHER



Intended Use

The Archer bed light provides versatility with optional sequential switching for patient room ambient and task lighting. The sleek housing profile echoes the Chrysalite and can be used together to create a complementary look in a lighting design.

Multiple lamping and switching options allow this fixture to be used in a wide array of applications. As a bed light, placement above the patient on the headwall delivers optimal distribution of light for reading and also comfortable ambient illumination. If a low voltage controller is included (optional), light levels can be adjusted via the nurse call system or using a separate pendant pillow switch (optional). This fixture is also a good choice for guest lighting.

Features

- Delivers multiple light levels for patient: indirect, direct, both
- Separate mounting plate makes installation easy; mount rigid but lightweight plate to wall and then install fixture
- Low voltage controller (option) allows patient control from nurse call system or separate pillow switch (option)
- Tool-free access to ballast compartment while fixture remains on wall
- Single-piece extruded aluminum body for extreme durability
- Entirely serviceable without removal from wall

ORDERING INFORMATION

Specifications subject to change.

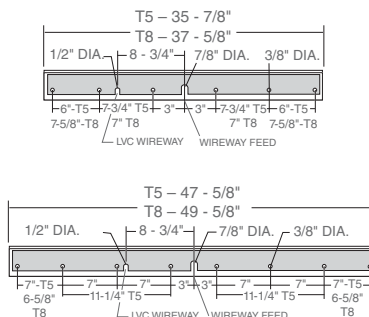
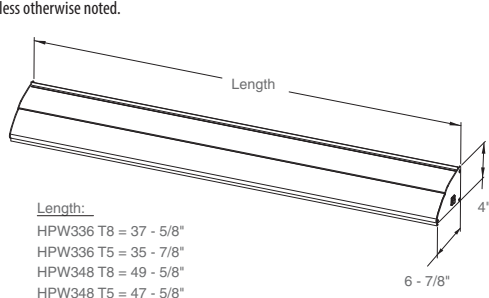
Example: HPW348 120 T5 2U2D LV AM

Series	Voltage	Lamping type	Lamp configuration	Switching	Ballast Options	Options	Finish
<u>Product</u> <u>Size</u>	120 120V 277 277V	T8 32W (4 FT) 25W (3 FT)	2U1D 2 Up, 1 Down	LV Low Voltage Controller -Sequential Switching	GEB10IS T8 (Standard)	LCR LED Chart Light with Switch on Right	FW Flat White (Standard)
HPW336 3FT		T5 28W (4FT) 21W (3FT)	2U2D 2 Up, 2 Down	LV1L LVC with Pillow Switch for Downlight on Left	GEB10PS T5 (Standard)		AM Anti-Microbial White
HPW348 4FT		T5HO 54W (4FT) 39W (3FT)	1U1D 1 Up, 1 Down	LV1R LVC with Pillow Switch for Downlight on Right	I48 Iota Emergency Ballast for One T8	LCL LED Chart Light with Switch on Left	CC Custom Color (need customer to provide RAL#)
			1U2D 1 Up, 2 Down	LV2L LVC with Pillow Switch on Left-sequencing up + down light	I320 Iota Emergency Ballast for One T5	LCRHW LED Chart Light "Hardwired" Right	
			0U1DMT 1 Down only with top plate	LV2R LVC with Pillow Switch on Right-sequencing up + down light		LCLHW LED Chart Light "Hardwired" Left	
			0U2DMT 2 Down only with top plate	S2L On/Off Pull Chain on Left (Top & Bottom)		BD Bed-stop Switch	
				S2R On/Off Pull Chain on Right (Top & Bottom)		GLR Fast-Blo Fuse	
				S2L On/Off Pull Chain on Left (Top & Bottom)		GMF Slo-Blo Fuse	
				S2LDL On/Off Pull Chain on Left (for Bottom Only)			
				S2RDL On/Off Pull Chain on Right (for Bottom Only)			
				S2CDL On/Off Pull Chain on Center (for Bottom Only)			
				S4L 4-Position Pull Chain on Left			
				S4R 4-Position Pull Chain on Right			
				S4C 4-Position Pull Chain Center			
				SX No Switch			

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Custom color requires factory pricing.
- 2 Switching: S2 and S4 options are compatible with 120v only.
- 3 Wall mount brackets included, packaged separately.
- 4 T8 instant start ballast; T5 program start ballast.
- 5 Consult factory for 347V availability.

ARCHER LED



Intended Use

The Archer LED bed light provides versatility with optional sequential switching for patient room ambient and task lighting. Multiple lamping and switching options allow this fixture to be used in a wide array of applications. As a bed light, placement above the patient on the headwall delivers optimal distribution of light for reading and also comfortable ambient illumination. If a low voltage controller is included (optional), light levels can be adjusted via the nurse call system or using a separate pendant pillow switch (optional).

Features

- Delivers multiple light levels for patient: indirect, direct, both
- Separate mounting plate makes installation easy; mount rigid but lightweight plate to wall and then install fixture
- Low voltage controller (option) allows patient control from nurse call system or separate pillow switch (option)
- Tool-free access to ballast compartment while fixture remains on wall
- Single-piece extruded aluminum body for extreme durability
- Entirely serviceable without removal from wall

ORDERING INFORMATION

Specifications subject to change.

EXAMPLE: HPW348 120 LED35 2U2D LV LCR AM

Series		Voltage	Lamping type	Lamp configuration	Switching	Options	Finish
Product	Size	120 120V	LED35 3500K	2U1D 2 Up, 1 Down	LV Low Voltage Controller -sequential switching	LCR LED Chart Light with Switch on Right	FW Flat White (Standard)
HPW336	3FT	277 277V		2U2D 2 Up, 2 Down	LV1L LVC with Pillow Switch for Downlight on Left	LCL LED Chart Light with Switch on Left	AM Anti-Microbial White
HPW348	4FT			1U1D 1 Up, 1 Down	LV1R LVC with Pillow Switch for Downlight on Right	LCRHW LED Chart Light "Hardwired" Right	CC Custom Color (need customer to provide RAL#)
				1U2D 1 Up, 2 Down	LV2L LVC with Pillow Switch on Left- sequencing up + down light	LCLHW LED Chart Light "Hardwired" Left	
				0U1DMT 1 Down only with top plate	LV2R LVC with Pillow Switch on Right- sequencing up + down light	BD Bed-Stop Switch	
				0U2DMT 2 Down only with top plate	S2L On/Off Pull Chain on Left (Top & Bottom)		
					S2R On/Off Pull Chain on Right (Top & Bottom)		
					S2C On/Off Pull Chain on Left (Top & Bottom)		
					S2LDL On/Off Pull Chain on Left (for Bottom Only)		
					S2RDL On/Off Pull Chain on Right (for Bottom Only)		
					S2CDL On/Off Pull Chain on Center (for Bottom Only)		
					S4L 4-Position Pull Chain on Left		
					S4R 4-Position Pull Chain on Right		
					S4C 4-Position Pull Chain Center		
					SX No Switch		

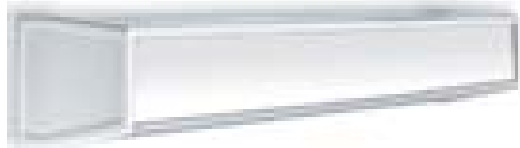
ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Notes

- 1 Custom color requires factory pricing.
- 2 Switching: S2 and S4 options are compatible with 120v only.
- 3 Wall mount brackets included, packaged separately.
- 4 For pull chain and pillow switch, specify "left" or "right" as viewed facing the headwall.
- 5 3W LED chart light (option) always installed opposite end from pull chain or pillow switch.
- 6 Consult factory for LED availability and specifications.
- 7 Healthcare Lighting reserves the right to make design changes to this product at any time without prior notice and such modifications will be effective immediately.

STRATUS



Intended Use

The Stratus bed fixture can be customized in color and design to add vibrancy to a patient room. Choose from a variety of attractive laminates for the front panel or specify a complementary color for the powdercoat finish of the fixture itself.

If ease of maintenance is a priority, the Stratus should be your fixture of choice. The front panel is framed by a hinged door which opens for easy access to lamps. The ballast tray assembly is quickly and easily removed without tools by simply sliding the lenses and divider panels out of their channels and releasing the quick-disconnect plug.

Features

- Delivers multiple light levels for patient: indirect, direct, both
- Door inserts are replaceable for future renovations; inserts available in various patterns, solid laminate or backlit (translucent); contact company for customized graphics
- Top and bottom lenses are fully supported in grooves to prevent sagging
- Low voltage controller (option) allows patient control from nurse call system or separate pillow switch (option)
- Multiple lamping options available
- Quick and easy maintenance: modular ballast assembly with quick-disconnect allows tool-free removal from installed fixture, hinged door stays open for easy relamping

ORDERING INFORMATION

Specifications subject to change.

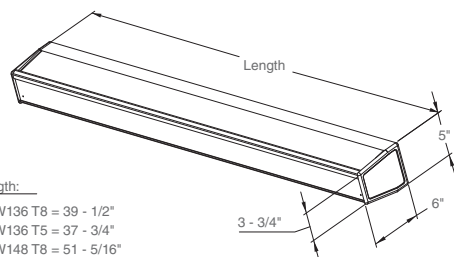
Example: HPW148 120 T5 2U2D LV LCR AM

Series	Product	Size	Voltage	Lamping type	Lamp configuration	Switching	Options	Emergency ballast	Door inserts	Finish
HPW124	2FT	120V	T8	32W (4 FT), 25W (3 FT), 17W (2FT)	2U1D 2 Up, 1 Down	LV Low Voltage Controller -sequential switching	CO Grounded Convenience Outlet (120V)	B50 Bodine 2-lamp	(blank) Flat White	FW Flat White (Standard)
HPW136	3FT	277V	T5	28W (4FT), 21W (3FT), 14W (2FT)	2U2D 2 Up, 2 Down	LV1L LVC with Pillow Switch for Downlight on left	LNL LED Night Light on Left	B70A Bodine 1-lamp	CR Crayon	AM Anti-Microbial White
HPW148	4FT	120-277V			1U1D 1 Up, 1 Down	LV1R LVC with Pillow Switch for Downlight on Right	LNR LED Night Light on Right	I48 T8 One-Lamp Emergency	AP Aged Piazza	CC Custom Color (need customer to provide RAL#)
					1U2D 1 Up, 2 Down	LV2L LVC with Pillow Switch on Left-sequencing up + down light	GLR Fast-Blo Fuse	I320 T5 One-Lamp Emergency	FG Folk-Stone Granite	
					OU1DMT 1 Down only with top plate	LV2R LVC with Pillow Switch on Right-sequencing up + down light	GMF Slo-Blo Fuse		GO Golden Oak	
					OU2DMT 2 Down only with top plate	S2L On/Off Pull Chain on Left (Top & Bottom)			CCD Custom Specified	
						S2R On/Off Pull Chain on Right (Top & Bottom)				
						S2C On/Off Pull Chain on Center (Top & Bottom)				
						S2LDL On/Off Pull Chain on Left (for Bottom Only)				
						S2RDL On/Off Pull Chain on Right (for Bottom Only)				
						S2CDL On/Off Pull Chain on Center (for Bottom Only)				
						S4L 4-Position Pull Chain on Left				
						S4R 4-Position Pull Chain on Right				
						S4C 4-Position Pull Chain Center				
						SX No Switch				

ADDITIONAL INFORMATION

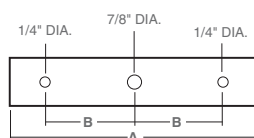
For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Length:

HPW136 T8 = 39 - 1/2"
HPW136 T5 = 37 - 3/4"
HPW148 T8 = 51 - 5/16"
HPW148 T5 = 49 - 1/2"



Length	A	B	C
3'	39 - 1/2"	17 - 1/2"	8 - 1/4"
4'	51 - 5/16"	23 - 3/8"	8 - 1/4"

Length	A	B	C
3'	37 - 3/4"	16 - 5/8"	8 - 1/4"
4'	49 - 1/2"	22 - 1/2"	8 - 1/4"

Notes

- 1 Switching: S2 and S4 options are compatible with 120V only.
- 2 Custom color and custom door insert require factory pricing.
- 3 Laminate and backlit door require factory pricing.
- 4 CO Option only with 120V.
- 5 Consult factory for availability of 347V.

SIERRA

Intended Use

The Sierra combines beauty and function in a fixture that is also ADA compliant. Its low profile design is a perfect choice for patient rooms, corridors, and stairways. The sleek, sloping design shields lamp silhouette while providing forward distribution of light. When a low voltage controller is included (optional), light levels can be adjusted via the nurse call system or using a separate pendant pillow switch.

An optional occupancy sensor improves efficiency for corridor and stairway applications. The grounded convenience outlet option is popular when the fixture is installed in bathrooms or long-term care patient rooms.

Features

- Delivers multiple light levels for patient: indirect, direct, both
- Low profile complies with the Americans with Disabilities Act (ADA)
- Uniquely contoured architectural design
- Sloping lenses shield lamp silhouette, eliminating glare and reducing dust build-up
- High efficiency asymmetric specular reflectors provide forward light distribution
- Low voltage controller (option) allows patient control from nurse call system or separate pillow switch (option)
- Multiple lamping options available
- Single-piece extruded aluminum body with die-cast aluminum end caps for extreme durability



ADA

ORDERING INFORMATION

Specifications subject to change.

Example: HPW548 120 T5 2U2D LV LCR AM

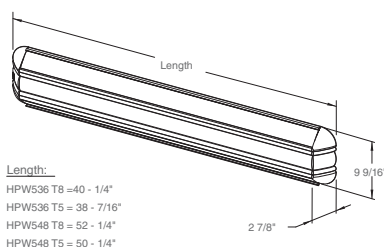
Series	Voltage	Lamping Type	Lamp Configuration	Switching	Ballast configuration
Product Size	120 120V 277 277V	T8 32W (4 FT), 25W (3 FT), 17W (2FT), 15W (18 in)	2U1D 2 Up, 1 Down (T5) 2U2D 2 Up, 2 Down (T5) 1U1D 1 Up, 1 Down 1U2D 1 Up, 2 Down (T5)	LV Low Voltage Controller LV1L LVC with Pillow Switch for Downlight on left LV1R LVC with Pillow Switch for Downlight on Right LV2L LVC with Pillow Switch on Left- sequencing up + down light LV2R LVC with Pillow Switch on Right- sequencing up + down light S2R On/Off Pull Chain on Right (Top & Bottom) S2L On/Off Pull Chain on Left (Top & Bottom) S2C On/Off Pull Chain on Center (Top & Bottom) S2LDL On/Off Pull Chain on Left (for Bottom Only) S2RDL On/Off Pull Chain on Right (for Bottom Only) S2CDL On/Off Pull Chain on Center (for Bottom Only) S4R 4-Position Pull Chain on Right S4L 4-Position Pull Chain on Left S4C 4-Position Pull Chain on Center SX No Switch	(blank) 2 ballasts (One Up, One Down) 1/2 One 2-lamp ballast (one circuit for 1U1D) 2/1 Two 1-lamp ballasts (for 1U1D only)
HPW518 18-in. HPW524 2FT HPW536 3FT HPW548 4FT		T5 28W (4FT), 21W (3FT), 14W (2FT) T5HO 54W (4FT), 39W (3FT), 24W (2FT)			

Ballast options	Options	Finish
GEB10IS T8 (Standard) GEB10PS T5 (Standard) DMHL3D Lutron Hi-Lume ADEZ Mark X dimming ballast ADZT Mark VII dimming ballast	COL Convenience Outlet on Left (120V) COR Convenience Outlet on Right (120V) LNL LED Night Light TR Tamper Resistant Lens Bracket and Screws GLR Fast-Blo Fuse GMF Slo-Blo Fuse	FW Flat White (Standard) AM Anti-Microbial White CC Custom Color

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Switching: S2 and S4 options are compatible with 120V only.
- 2 Two lamps up or down only with T5, not T8 or T5HO.
- 3 Custom Color requires factory pricing.
- 4 MVOLT not available with switching, CO or special ballasts; must specify voltage.
- 5 HPW518 is only available with one circuit, 2 Lamps.
- 6 CO Option with 120V only.
- 7 Consult factory for availability of 347V.

PRODUCT INFORMATION

GEO & OVAL



Intended Use

Night lighting serves an important purpose in a medical facility. For ambulatory patients, sufficient light must be available to safely navigate from the bed to the restroom at night. Caregivers must see a clear path from hallway to bed and then have adequate light to observe the patient's condition, while minimizing disruption of the patient's sleep. Therefore, intensity and color of the light, as well as fixture placement, must be carefully considered.

Both the Geo and Oval offer rugged die cast aluminum housings that meet the standards of the Americans with Disabilities Act (ADA), extending only 1.3" off the wall. Choose from standard warm white or optional amber LEDs.

Features

- Sleek design with flush contoured lens complements softer interior designs
- Integral photocell (Geo only) restricts illumination when ambient light is above a preset level
- Die cast aluminum faceplate offers supreme durability
- High efficiency LED light source, available in warm white, amber, or custom color (consult factory)

ORDERING INFORMATION

Specifications subject to change.

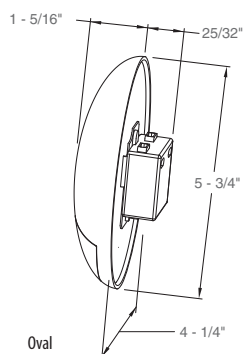
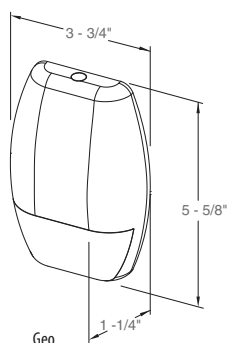
Example: HNL710 120 LED30 PC AM

Series		Voltage		LED Color		Options		Finish	
HNL710	Geo	120	120V	LED30	LED 3000K	PC	Integrated Photocell (Geo only)	FW	Flat White (Standard)
HNL720	Oval	277	277V	LEDAMB	LED Amber	OS	Integrated Occupancy Sensor (Geo 120v only)	AM	Anti-Microbial White
								DPF1	Venetian Blue Marble
								DPF2	Foresta Green Marble
								DPF3	Burl Walnut
								DPF4	Knotty Pine
								CC	Custom Color

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

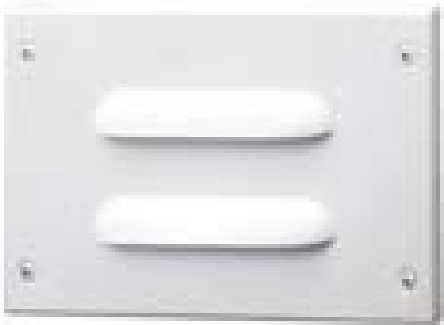
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Notes

- 1 Custom finish requires factory pricing.
- 2 Other LED colors- contact factory; 25 pc min order.

PATHFINDER



Intended Use

The low-profile recessed design of the Pathfinder makes it a popular choice for night lighting when the intent is to blend the fixture into the wall. The louver design is engineered to maximize light output with clean cut-off, delivering sufficient light to navigate a darkened room but minimizing disruption of a sleeping patient. Dependable LED lighting will provide years of energy-efficient and maintenance-free operation.

Choose from standard warm white or optional amber LEDs. An integral photocell (option) may be specified for additional energy efficiency.

Features

- High-efficiency LED light source is energy efficient and maintenance-free
- Low-profile design extends only ¼" off the wall
- Engineered louvers maximize light output with clean cut-off
- Through-wall version includes polarized quick-disconnects and backbox that adjusts from 4-3/8" to 4-7/8" deep
- Available with warm white or amber LEDs

ORDERING INFORMATION

Specifications subject to change.

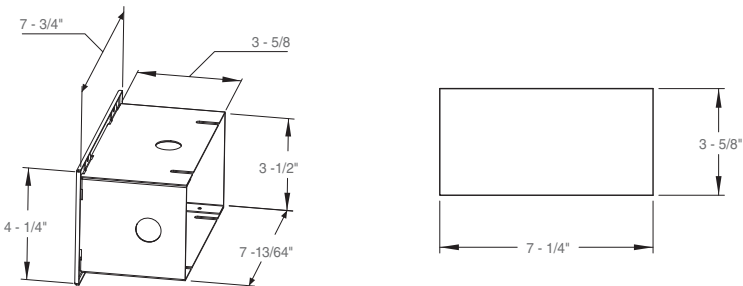
Example: HNL610 MVOLT LED30 TR AM

Series		Voltage	LED Color		Options		Finish	
HNL610	Single face	MVOLT 120-277V	LED30	LED 3000K (warm white)	TR	Tamper Resistant Screws	FW	Flat White (Standard)
HNL612	Double face through wall		LEDAMB	LED Amber	PC	Integrated Photocell	AM	Anti-Microbial White
			LEDBL	LED Blue 470nm			MB	Matte Black
			LEDRD	LED Red 625nm			SS	Stainless Steel
			LED55	LED 5500K (cool white)			CC	Custom Color

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

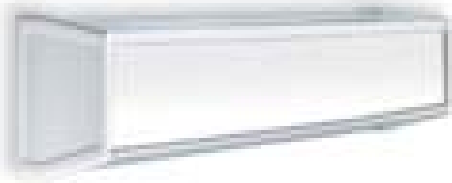
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Notes

- 1 Double faced housing adjustable for 3-4 inch wall depth.
- 2 Custom color requires factory pricing.

STRATUS VANITY



Intended Use

The Stratus Vanity allows you to coordinate the fixture color and design with the bathroom decor. Choose from a variety of attractive opaque laminates for the front panel or customize with a translucent design for a backlit effect. You might even choose to specify a complementary color for the powdercoat finish of the fixture itself.

Like its full-size sister fixture, the Stratus Vanity is designed for maintenance ease. The ballast tray assembly can be quickly and easily removed - without tools - by simply sliding the lenses and divider panels out of their channels and releasing the quick-disconnect plug.

Features

- Delivers multiple light levels: indirect, direct, both
- Door inserts are replaceable for future renovations; inserts available in various patterns, solid laminate or backlit (translucent); contact company for customized graphics
- Top and bottom lenses are fully supported in grooves to prevent sagging
- Multiple lamping options available
- Quick and easy maintenance: modular ballast assembly with quick-disconnect allows tool-free removal from installed fixture, hinged door stays open for easy relamping

ORDERING INFORMATION

Specifications subject to change.

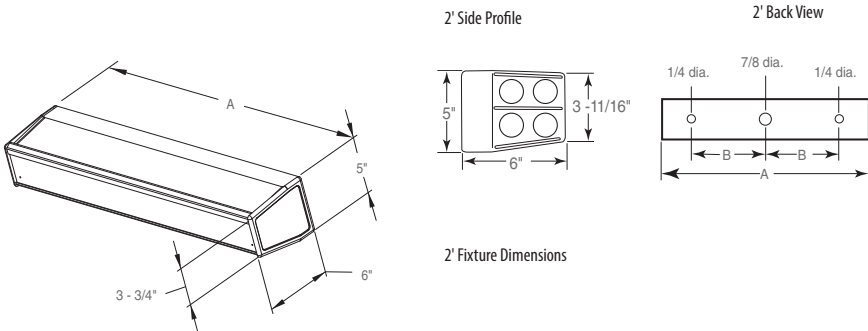
Example: HPW124 120 T8 1U1D CR FW

Series		Voltage		Lamp type	Lamp Configuration		Options		Door inserts		Finish	
Product	Size	120	120V	T8 25W (3 FT), 17W (2 FT)	2U1D	2 Up, 1 Down	CO	Grounded Convenience Outlet (120V)	FWD	Flat White	FW	Flat White (Standard)
HPW124	24 -in.	277	277V		2U2D	2 Up, 2 Down	GLR	Fast-Blo Fuse	CR	Crayon	AM	Anti-Microbial White
HPW136	36 -in.	MVOLT	120 -277V	T5 21W (3 FT), 14W (2 FT)	1U1D	1 Up, 1 Down	GMF	Slo-Blo Fuse	FG	Folk-Stone Granite	CC	Custom Color
		347	347V (Canada)		1U2D	1 Up, 2 Down			GO	Golden Oak		
									CCD	Custom Specified		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Voltage must be specified for fusing.
- 2 Convenience outlet only available with 120V fixture.

Intended Use

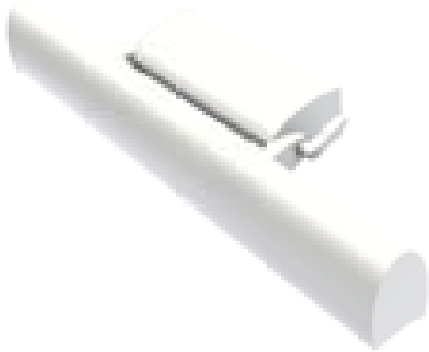
The Avonia vanity fixture provides a stylish way to light small but important spaces like hand-wash sinks for patients, caregivers and hospital staff. The curved extruded aluminum housing is both appealing and rugged.

Longer, 3 ft. and 4 ft., versions are available to address multi-station hand sinks or provide complementary fixtures for other applications in the room. Consider mounting the Avonia upside-down for indirect lighting or as a wall wash.

Features

- Sleek architectural housing blends easily into room design
- Adjustable mounting allows housing to be pivoted through more than 60° to direct light right where it's needed
- Clean cut-off is ideal for vanity and task lighting while minimizing trespass to the rest of the space
- Available with high-efficiency T5 fluorescent light sources
- Extruded aluminum housing with die-cast aluminum endcaps for supreme durability

AVONIA VANITY



ORDERING INFORMATION

Specifications subject to change.

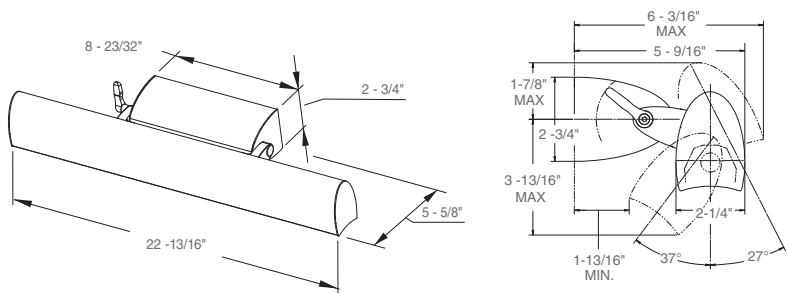
Example: HAV124 ADJ 120 T5 DIM AM

Series		Bracket		Voltage		Lamping type		Options		Finish	
Product	Size	FIX	Fixed Bracket	120	120V	T5	28W (4 FT), 21W (3 FT), 14W (2 FT)	OS	Occupancy Sensor	FW	Textured Flat White (Standard)
HAV124	24-in.	ADJ	Adjustable Bracket	277	277V			DIM	Dimming	AM	Anti-Microbial White
HAV136	36-in.										
HAV148	48-in.			MVOLT	120-277V						

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Dimming not available with MVOLT.
- 2 Custom color requires factory pricing.
- 3 Contact factory for availability of 347V.
- 4 Dimming option for T5 not available.

AVONIA VANITY LED



Intended Use

The Avonia vanity fixture provides a stylish way to light small but important spaces like hand-wash sinks for patients, caregivers and hospital staff. The curved extruded aluminum housing is both appealing and rugged.

Longer, 3 ft. and 4 ft., versions are available to address multi-station hand sinks or provide complementary fixtures for other applications in the room. Consider mounting the Avonia upside-down for indirect lighting or as a wall wash.

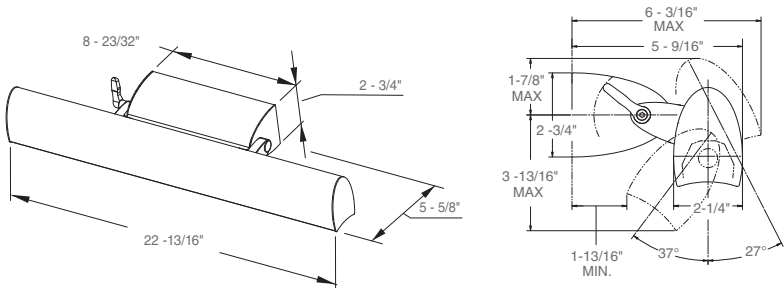
Features

- Sleek architectural housing blends easily into room design
- Adjustable mounting allows housing to be pivoted through more than 60° to direct light right where it's needed
- Clean cut-off is ideal for vanity and task lighting while minimizing trespass to the rest of the space
- Available with high-efficiency LED light source
- Extruded aluminum housing with die-cast aluminum endcaps for supreme durability

ORDERING INFORMATION		Specifications subject to change.				Example: HAV224 ADJ 120 LED30 DIM24 AM					
Series		Bracket		Voltage		Lamping type		Options		Finish	
Product	Size	FIX	Fixed Bracket	120	120V	LED30	LED 3000K	OS	Occupancy Sensor	FW	Textured Flat White (Standard)
HAV224	24-in.	ADJ	Adjustable Bracket	277	277V	LED35	LED 3500K	DIM24	24-in. LED Dimming	AM	Anti-Microbial White
HAV236	36-in.			MVOLT	120-277V	LED40	LED 4000K	DIM36	36-in. LED Dimming		
HAV248	48-in.							DIM48	48-in. LED Dimming		

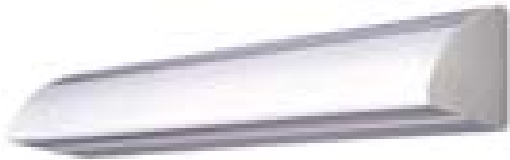
ADDITIONAL INFORMATION For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



- Notes**
- 1 Dimming not available with MVOLT.
 - 2 Custom color requires factory pricing.
 - 3 Contact factory for availability of 347V.

ARCHER VANITY



Intended Use

The Archer Vanity light is an attractive option for bathroom lighting, whether used on its own or as a complement to the full-size Archer bed light in the patient room.

The luminaire attaches to a separate back plate, making installation quick and easy. The back plate can be located and leveled before securing the fixture via three fasteners.

Features

- Delivers multiple light levels: indirect, direct, both
- Top and bottom lenses are fully supported in grooves to prevent sagging
- Separate mounting plate makes installation easy; mount rigid but lightweight plate to wall and then install fixture
- Multiple lamping options available
- Tool-free access to ballast compartment while fixture remains on wall
- Single-piece extruded aluminum body for extreme durability
- Entirely serviceable without removal from wall

ORDERING INFORMATION

Specifications subject to change.

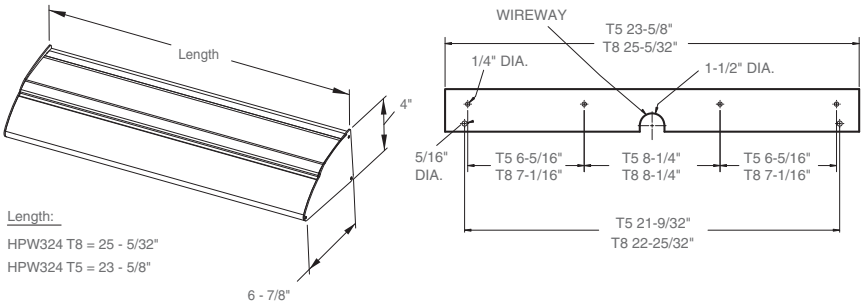
Example: HPW324 MVOLT T5 2U2D AM

Series		Voltage		Lamping type		Lamping configuration		Options	Finish	
Product	Size	120	120V	T8	17W (24-in.), 15W (18-in.)	2U1D	2 Up, 1 Down	GLR Fast-Blo Fuse	FW	Textured Flat White (Standard)
HPW318	18-in.	277	277V			2U2D	2 Up, 2 Down	GMF Slo-Blo Fuse	AM	Anti-Microbial White
HPW324	24-in.	MVOLT	120-277V	T5	14W (24-in.)	1U1D	1 Up, 1 Down		CC	Custom Color
				T5HO	24W (24-in.)	1U2D	1 Up, 2 Down			
				LED35	LED 3500K	0U1DMT	1 Down only with top plate			
						0U2DMT	2 Down only with top plate			

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



- Notes**
- 1 18 inch version only available with T8 lamping.
 - 2 Custom color requires factory pricing.
 - 3 Mounting bracket included; packaged separately.

PRODUCT INFORMATION

LÉS MINI



Intended Use

The stylish Lés Mini scone provides low-level ambient lighting in a compact decorative package. The clean cut-off design of this fixture distributes an attractive conical pattern of light on the wall, whether mounted for uplight or downlight. An integral photocell (optional) automatically powers the fixture when the ambient light level drops below a preset level. Couple with an external controller to use as a hallway nurse call alert in long-term care facilities. Custom colors and decorative pattern finishes are available to complement any décor. Easily mounts to a standard single-gang box (by others).

Features

- Contemporary, sleek design complements both modern and traditional interior designs
- Mount for direct or indirect lighting, with clean cut-off and elegant wall wash
- Die-cast aluminum faceplate offers supreme durability
- High efficiency LED light source, available in warm white, cool white, or custom color (consult factory)
- Decorative faux finishes (option) available to coordinate with — or blend into — any décor

ORDERING INFORMATION

Specifications subject to change.

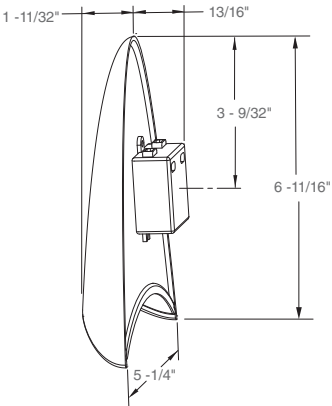
Example: HSN600 120 LED30 DPF2

Series	Voltage	LED Color	Finish
HSN600	120 120V	LED30	LED 3000K (Warm White)
		LED40	LED 4000K (Cool White)
			FW Flat White (Standard)
			AM Anti-Microbial White
			DPF1 Venetian Blue Marble
			DPF2 Foresta Green Marble
			DPF3 Burl Walnut
			DPF4 Knotty Pine
			CC Custom Color

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Custom color requires factory pricing.
- 2 Other LED colors- contact factory; 25 pc min order.

Intended Use

The low-profile Sierra Sconce is an attractive way to provide supplemental lighting while complying with ADA protrusion limits. Use the Sierra Sconce as a complement to the Sierra bed light to achieve a consistent look in a lighting lay-out.

Features

- Delivers both direct and indirect lighting
- Low profile complies with the Americans with Disabilities Act (ADA)
- Uniquely contoured architectural design
- Sloping lenses shield lamp silhouette eliminating glare and reducing dust build-up
- High efficiency asymmetric specular reflectors provide forward light distribution
- Single-piece extruded aluminum body with die-cast aluminum end caps for extreme durability

SIERRA SCONCE



ADA

ORDERING INFORMATION

Specifications subject to change.

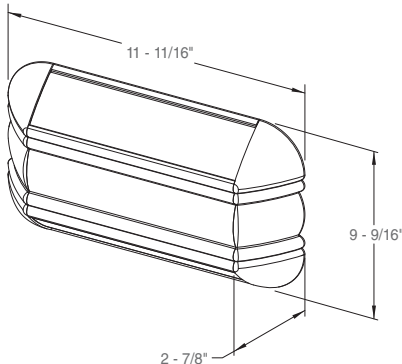
Example: HPW516 277 T5 1U1D

Series		Voltage		Lamping type		Lamping configuration		Finish	
Product	Size	120	120V	T5	8W T5 (16-in.)	1U1D	1 Up, 1 Down	FW	Flat White (Standard)
HPW516	16-in.	277	277V	PL	9W PL (12-in.)	2U2D	2 Up, 2 Down; (T5 Only)	AM	Anti-Microbial White
HPW512	12-in.	MVOLT	120-277V			2U1D	2 Up, 1 Down (T5 Only)	CC	Custom Color

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 MVOLT not available with dimming or fusing.
- 2 Customer color requires factory pricing.

SPECTRA-SF



Intended Use

Localized task lighting is essential in many areas of a healthcare facility. This is especially important where work areas lay beneath cabinets or counters, as commonly found in pharmacies, laboratories, and nurse stations. Properly lighting these dim task areas reduces workers' eye strain and fatigue.

The custom lens design of the Spectra-SF LED undercabinet fixture effectively diffuses the point sources of light to eliminate dark bands and multiple shadowing sometimes associated with LEDs. The result is uniform distribution of light across the work surface without bothersome striations and distortions. A solid front housing creates clean cut-off and eliminates forward glare.

Features

- Solid front housing provides cut-off and minimizes light trespass
- Rugged steel construction for installation ease and long-term durability
- Linking connectors and extensions (options) join fixtures end-to-end, eliminating individual power feeds (120v only)
- Occupancy sensor (option) with field-adjustable time delay improves energy-efficiency
- Available with LED or fluorescent (T5) lamping
- Maximum 12W power for fixtures under 2 ft.



ORDERING INFORMATION

Specifications subject to change.

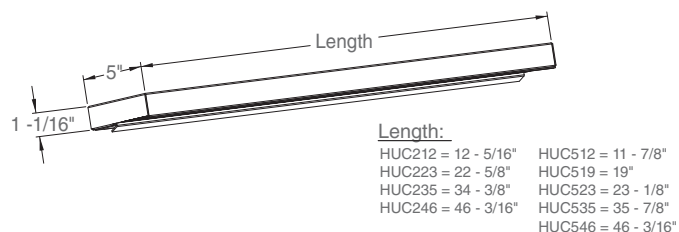
Example: HUC523 120 LED35 S1 DIM24 LX6 AM

Series	Voltage	Lamps	Switching	Options	Linking options- 120 volt only	Finish
<u>Product</u> <u>Size</u>	120 120V	LED35 3500K LED (Standard)	S1 On-Off Rocker	GMF Slo-Blo Fuse	LX Linking power connector only	GW Gloss White (Standard)
HUC512 12IN LED	277 277V		OS Occupancy Sensor	GLR Fast Blo Fuse	LX6 6" linking extension with connector	AM Anti-Microbial White
HUC523 23IN LED	MVOLT 120-277V	LED30 3000K LED		CP Cord and Plug	LX12 12" linking extension with connector	CC Custom Color
HUC535 35IN LED		LED40 4000K LED		CO Single gang convenience outlet	LX24 24" linking extension with connector	
HUC546 46IN LED		T5 Non-Std		BW Batwing		
HUC519 Only available in LED35		2T5 (One Circuit)		DIM12 LED dimming HUC512		
HUC212 12IN T5				DIM24 LED dimming HUC523		
HUC223 23IN T5				DIM36 LED dimming HUC535		
HUC235 35IN T5				DIM48 LED dimming HUC546		
HUC246 46IN T5						

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

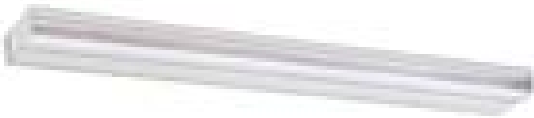
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 MVOLT not available with S1 switch or dimming.
- 2 Custom color requires factory pricing.
- 3 LX6, LX12, LX24 include LX connector and one extension.
- 4 Linking only available in 120V.
- 5 Dimming and occupancy sensor cannot be specified together.
- 6 Convenience outlet only available with LED and not available with cord and plug.

QUARK-OF



Intended Use

Sometimes dedicated task lighting is needed where mounting space is at a premium. With its shallow 2-1/2" profile, the Quark-OF undercabinet fixture is the ideal solution to install in tight spots such as under the narrow ledge of a transaction counter in a nurse station. The open front lens design distributes light both forward and downward.

Features

- Ultra-slim design is only 2-1/2" deep and 1-1/32" high
- Open-front design delivers maximum light output from T5 lamp
- Rugged steel construction for installation ease and long-term durability
- Linking connectors and extensions (options) join fixtures end-to-end, eliminating individual power feeds (120V only)

ORDERING INFORMATION

Specifications subject to change.

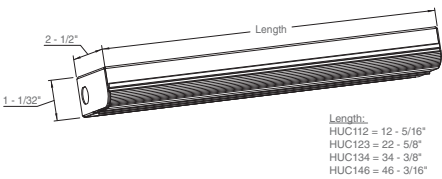
Example: HUC134 120 S1 GLR LX6 GW

Series		Voltage		Switching	Options	Linking options - 120 volt only		Finish	
Product	Size	120	120V	S1 On-Off Rocker Switch (120V only)	GLR Fast-Blo Fuse	LX	Linking power connector only	GW	Gloss White (Standard)
HUC112	12IN 8W T5	277	277V		GMF Slo-Blo Fuse	LX6	6" linking extension with connector	AM	Anti-Microbial White
HUC123	23IN 14W T5				CP Cord and Plug	LX12	12" linking extension with connector	CC	Custom Color
HUC134	34IN 21W T5					LX24	24" linking extension with connector		
HUC146	46IN 28WT5								

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

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Notes

- 1 Rocker switch only compatible with 120V for this size fixture.
- 2 Linking available in 120V only.
- 3 LX6, LX12, and LX24 include LX connector and one extension.
- 4 Standard - No switch.

PRODUCT INFORMATION

TERON-OF & TERON-SF



Intended Use

Even though wall-mounted cabinets create dark spaces beneath, these areas are commonly used as work surfaces. The dimness can result in worker eye strain, fatigue, and mistakes. This is a particularly important consideration in pharmacies, laboratories, and other areas of the hospital where task accuracy is essential.

The Teron is offered in 2 styles. The solid-front (SF) housing provides a clean cut-off for downward delivery of light onto the work surface. The open-front (OF) housing delivers light both downward and forward.

Features

- Available in solid front or open front housing
- Solid front housing provides cut-off and minimizes light trespass
- Open-front design distributes light both forward and downward
- Uses common T8 lamp (by others)
- Rugged steel construction for installation ease and long-term durability
- Occupancy sensor (option) with field-adjustable time delay improves energy-efficiency
- Linking connectors and extensions (options) join fixtures end-to-end, eliminating individual power feeds (120v only)

ORDERING INFORMATION

Specifications subject to change.

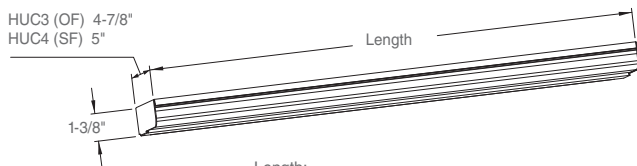
Example: HUC436 120 S1 LX6 GEB10IS AM

Series		Voltage		Switching		Linking options - 120 volt only		Ballast		Options		Finish	
Product	Size	120	120V	S1	On-Off Rocker	LX	Linking power connector only	GEB10IS	Generic Instant Start Ballast (Standard)	GLR	Fast-Blo Fuse	GW	Gloss White (Standard)
Open Front		277	277V			LX6	6" linking extension with connector	GEB10RS	Optional Rapid-Start	GMF	Slo-Blow Fuse	AM	Anti-Microbial White
HUC318	18IN 15W T8	MVOLT	120-277V	OS	Occupancy Sensor	LX12	12" linking extension with connector			CP	Cord and Plug		
HUC324	24IN 17W T8					LX24	24" linking extension with connector						
HUC336	36IN 25W T8												
HUC348	48IN 32W T8												
Solid Front													
HUC418	18IN 15W T8												
HUC424	24IN 17W T8												
HUC436	36IN 25W T8												
HUC448	48IN 32W T8												

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

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Length: _____
HUC318/HUC418 = 18 -1/8"
HUC324/HUC424 = 24 -1/8"
HUC336/HUC436 = 36 -1/8"
HUC348/HUC448 = 48 -1/8"

Notes

- 1 MVOLT not available with switching, linking, or occupancy sensor.
- 2 Custom color requires factory pricing.
- 3 Programmed rapid start ballast not available in 18 inch version.
- 4 Linking available in 120V only.
- 5 LX6, LX12, and LX24 include LX connector and one extension.
- 6 347V not available with switch, linking, or dimming options.
- 7 Dimming and occupancy sensor cannot be specified together.
- 8 T8 lamps - instant start ballast standard.

PRODUCT INFORMATION

Intended Use

Many of our fixtures contain an option for a Low Voltage Controller (LVC) to connect with the nurse call system or to a pilot low switch. The LVC is also available as a separate component. It can be installed in fixtures that require momentary contact switching.

Features

- Class 2 UL® Listed
- Optically isolated solid state design
- 2 circuits for individual or sequential control via momentary contact switch (by others)- 4 amps maximum per load, 8 amps total device load
- AC: 120 or 277 volt / 60 Hz
- DC: 9 volt @ 200 amps
- All load circuits reset to off after power interruption
- Compatible with any nurse call handset that utilizes normally open momentary contact switches

LOW VOLTAGE CONTROLLER



ORDERING INFORMATION

Specifications subject to change.

Example: LVC1200

Series

LVC1200 Low Voltage Controller: 2 x Class 2 Circuits

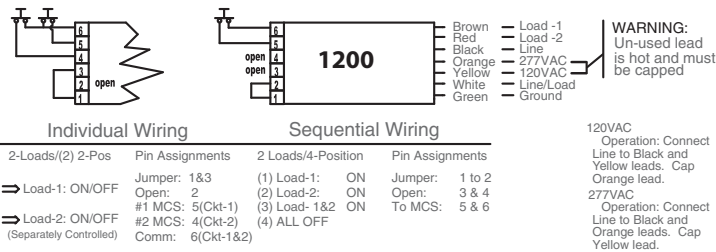
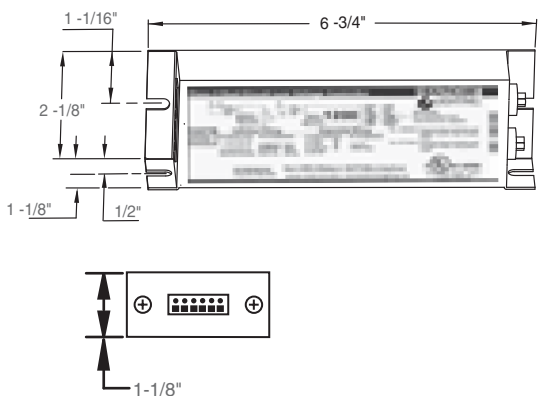
Options

JBC Remote Installation Enclosure

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

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Notes
1 Codes require line voltage and low voltage to enter and exit enclosure from separate locations, and to be isolated from one another.

SOLUME



Intended Use

As hospitals strive to provide more clinical care within the patient room, lighting becomes a critical element in the design. Light intensity, distribution, and color rendering must all be considered when choosing a fixture for examination and minor procedure lighting.

The Solume is a dedicated exam light that directs illumination right where it's needed. The head is available in two motorized sweep options - (0 to 60°) or (-30° to 30°) - for mounting at the headwall or centered over the bed. Positioning is controlled from the wallplate (standard) or at the bedside using the remote plug-in switch (optional). Halogen lamping provides high color rendering. When paired with a patient bed light such as the Archer, the package provides optimum lighting for both patient and caregiver.

Features

- Motorized exam head (optional) sweeps 60° with wall control, included
- Greater than 250fc light delivered across entire bed surface when head is positioned throughout range of motion
- 100 CRI
- LED chart/observation light (optional)
- Entirely serviceable from within the room

ORDERING INFORMATION

Specifications subject to change.

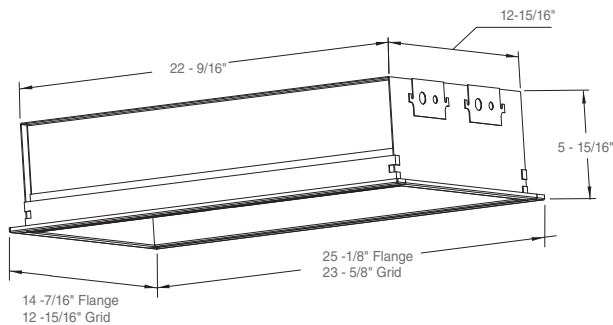
Example: HMX5 MA F 120 LCL

Series		Exam head		Mounting		Voltage		Options		Finish	
HMX5	Solume 0 to 60 degrees rotation	MA	Motorized	G	Grid	120	120V	LCR	LED Chart Light on Right	GW	Gloss White (Standard)
		FA	Non-Motorized	F	Flange	277	277V	LCL	LED Chart Light on Left	AM	Anti-Microbial White
HMX6	Solume XT 30 to 45 degrees rotation							LCLR	LED Chart Light on Left and Right		
								CR11	MR11 Chart Light on Right		
								CL11	MR11 Chart Light on Left		
								EC	Remote Pendant Exam Control (MA Only)		
								GLR	Fast-Blo Fuse		
								GMF	Slow-Blo Fuse		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

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Notes

- 1 Motorized exam head includes Class 2 Wall Control.

CORONA



Intended Use

Fixtures that deliver high-intensity lighting are being added to patient room lighting designs as hospitals strive to provide more care in the space, rather than transporting the patient to other areas of the hospital.

The Corona is a fixed-position exam light that utilizes a Fresnel lens and polished reflectors to provide a localized area of illumination that exceeds the IES recommended level for examination (100fc).

Pair with the Chrysalite bed light on the headwall for a system approach that provides ideal patient lighting and effective care-giver examination lighting. The fixtures can be wired so that flipping open the exam head on the Chrysalite also illuminates the Corona exam light, resulting in 100fc of light across the entire bed surface.

Features

- Dedicated exam light exceeds IES recommended illumination for localized patient examination
- 250W T4 (CRI 100) lamp included
- Available with vertical or diagonal throw
- Automatic shut-off timer
- Entirely serviceable from within the room

ORDERING INFORMATION

Specifications subject to change.

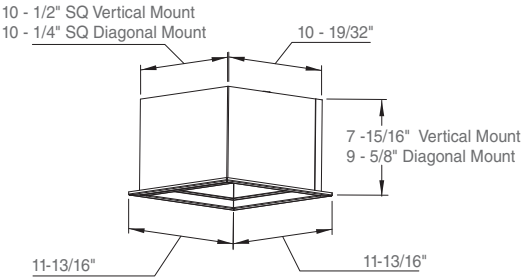
Example: HEX810 F 120 AST AM

Series		Mounting		Voltage		Options		Finish	
HEX810	Corona Vertical	G	Grid	120	120V	AST	Auto shut-off timer included	GW	Gloss White (Standard)
HEX820	Corona Diagonal	F	Flange	277	277V	GLR	Fast-Blo Fuse	AM	Anti-Microbial White
						GMF	Slow-Blo Fuse		
						TGC	T Grid Mounting Clips (T-grid only)		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

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Notes

- 1 Comes standard with thermostatic thermal protection.
- 2 Standard with auto-shut-off timer.
- 3 Contact factory for 347V availability.

LOUVERED EXAM



Intended Use
The Louvered Exam directs exam lighting onto the bed surface through a parabolic louver that both reduces glare and obscures lamp silhouette. An acrylic overlay is inserted above the louvered panel to shield lamps from dust. If a sealed fixture is desired, a hinged door assembly with sanitary lens (option) is available.

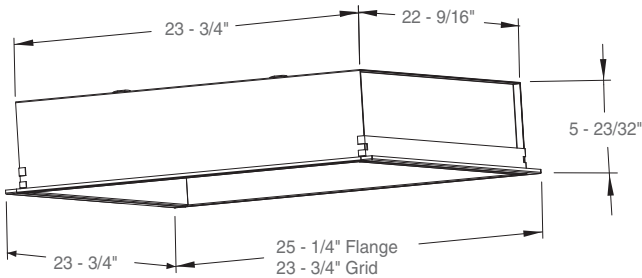
This fixture is effective when installed in clinical areas that are dedicated to performing examinations and minor procedures. Installing it as part of the patient room lighting design allows caregivers to provide examinations on the spot, supporting facility initiatives to minimize patient moves. When used in this way, a separate patient bed light, such as the Archer, should be included in the lay-out.

- Features**
- Louvered lamp shield limits light trespass and glare
 - Sanitary lens (option) with concealed hinge design improves cleanliness
 - Multiple lamping options available
 - Entirely serviceable from within the room

ORDERING INFORMATION		Specifications subject to change.				Example: HEX1 F 120 3XCF55 SL AM			
Series	Mounting	Voltage		Exam lamping		Options		Finish	
HEX1	G	120		3XCF40		SL	Sanitary Lens	GW	Gloss White (Standard)
	F	277		3XCF55		GLR	Fast-Blo Fuse	AM	Anti-Microbial White
		MVOLT		4XCF40		GMF	Slow-Blo Fuse		
		120-277V		4XCF55					

ADDITIONAL INFORMATION For additional product information, visit www.healthcare-lighting.com.

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- Notes**
- 1 Contact factory for 347V availability.

LDR LED



Intended Use

The new LDR system offers an unobtrusive recessed design that blends into the ceiling until needed. When illuminated, the twin LED fixtures deliver 4500 foot candles uniformly across a 8" diameter spot(1) without feathering of the edge. For labor and delivery the fixture may be dimmed for illumination during normal deliveries. However, the pair can be easily brought to full intensity if obstetric surgical procedures or emergency attention to the infant are needed.

Along with the benefit of extended life, LEDs do not emit heat into the room, eliminating a problem associated with commonly used halogen lamps. Each of the fixtures is independently adjustable in two planes from a single wallplate control for vertical and horizontal beam positioning.

Features

- Max light intensity (fc) at distance (ft.)
4600 6ft. (Pair of fixtures)
3000 8ft. (Pair of fixtures)
- Typical lumen maintenance of greater than 70% after 60,000 hours
- CRI=92
- Dimmable from 10% - 100%
- Service indicator lamps
- No heat output into patient space
- 2-Speed motor control - Jog and Fast - for precise positioning of beam
- Modularized controls for easy maintenance
- Finish: textured white door matte black interior

ORDERING INFORMATION

Specifications subject to change.

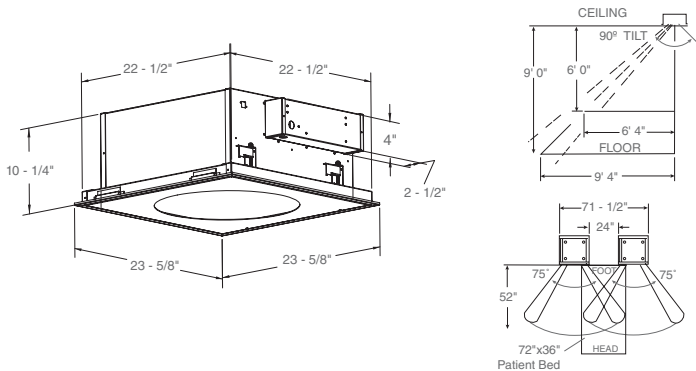
Example: HMX2 120 AM

Series		Voltage		Options		Finish	
HMX2	Pair of LDR fixtures	120	120V	SFO	Single Fixture Option	(blank)	Textured White Matte Door with Black Interior
		277	277V			AM	Anti-Microbial White
		347	347V				

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

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Notes

- 1 Touch membrane control panel included (standard).
- 2 Universal housing is suitable for either grid or flange installation (standard).

SURG5



Intended Use

Recognized by the Illuminating Engineering Society for its innovative design, the Surg5 is the energy-efficient alternative to standard 6-lamp surgical troffers. The custom-designed optics allow 5 lamps in this fixture to deliver lighting performance that is equivalent to typical 2x4 recessed troffers employing 6 lamps. That's a 17% energy savings per fixture. But the benefits of this fixture don't end with energy savings. Maintenance of typical 6-lamp troffers requires removal of all lamps and reflectors to access ballasts. This increases the likelihood of lamp breakage in the surgical suite. The Surg5 design allows for the ballast to be replaced without removing the lamps and reflectors. Of course, there is also one fewer lamp to carry up the ladder when it is time for re-lamping. All of these innovations translate to savings in maintenance time.

Features

- 5 lamps deliver light equivalent to typical 6-lamp surgical troffers (17% energy savings!)
- Ballast access without removing lamps and reflector system
- Entirely serviceable from within room
- Swing-out mounting arms and easy hang divots simplify installation
- Concealed hinge design improves cleanliness

ORDERING INFORMATION

Specifications subject to change.

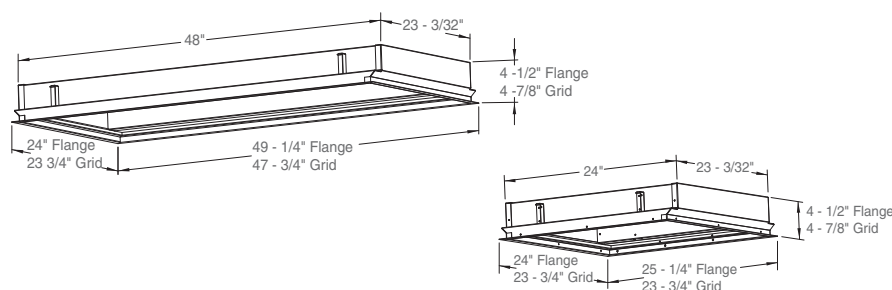
Example: HST524 F 120 T8 2C RM

Series	Mounting	Voltage	Lamping	Circuits	Ballast options	Options	Emergency	Finish
Product Size	G Grid	120 120V	T8 32W (4 FT)	1C 1 circuit	GEB10RS Generic Electronic Rapid Start	IP65 Sealed IP65 Rated	B70A One lamp Bodine	GW Gloss White (Standard)
HST524 2x4 FT	F Flange	277 277V	17W (2 FT)	2C 2 circuits		PF Flange Mount only	I48 Iota 1-2 lamp 350-700 lumens	AM Anti-Microbial White
HST522 2X2 FT		MVOLT 120-277V	T5 28W (4 FT)	3C 3 circuits	GEB10PS Generic Program Start	RM Flange Mount only	B501LP Bodine 1 lamp emergency	
		347 347V (Canada)	T5HO 54W (4 FT)	1C/1DM 1 normal ballast; 1 dimming circuit	DMHL3D Lutron Hi-Lume	RMP Row Mount Pattern (specify pattern/consult factory)	B50 Bodine 2 lamp emergency	
				2C/1DM 2 normal ballast; 1 dimming circuit	ADEZ Mark X Dimmer 5-100% Phase control	GP1 One Green Lamp requires multi-circuit	B30 1-2 lamp emergency ballast	
				1DIM 1 dimming circuit	ADZT Mark VII Dimmer 0-10V Low Voltage Dimmer	GP2 Two Green Lamps, requires multi circuit		
				2DIM 2 dimming circuits		GLR Fast-Blo Fuse		
				3DIM 3 dimming circuits		GMF Slo-Blo Fuse		
						ALD Aluminum Door Painted		
						BSD Brushed Stainless Door		
						PSD Painted Stainless Door		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Special ballast require specified 120 or 277 voltage (no MVOLT or 347).
- 2 1x4 is 3 lamps; 2x2 and 2x4 are 3,4,5,6 lamps.
- 3 Consult factory for availability of 347V.
- 4 T5HO not available with 6 lamps.
- 5 Row mount adapter; specify pattern. Adapters shipped with fixtures.
- 6 Non-standard wiring contact factory.
- 7 PF and RM only with flange mount.
- 8 T8 ballast standard instant start, T5 ballast standard program start.

HST

**Intended Use**

Surgical troffers are designed to supplement the primary procedure lighting in the surgical theater. When grouped to surround the perimeter of the operating table, the symmetric/asymmetric lens distributes light both downward and toward the surgical field, diminishing shadows and reducing eyestrain of the surgical team.

A gasketed steel door with clean concealed hinge seals plenum contaminants from the surgical suite. For row-mounted flange applications, linking connectors are offered or end flanges may be conveniently removed to allow fixtures to be fastened to one another.

Features

- Sealed door with clean concealed hinge is superior alternative to conventional piano hinge
- Integral grounding grid shields sensitive medical equipment from radiated electromagnetic emissions
- Each circuit includes a radio frequency suppressor to shield sensitive medical equipment from conducted emissions
- Multiple circuit and lamping configurations are available, including green lamps
- Available with dimming and emergency ballasts (options)
- Entirely serviceable from within the room

ORDERING INFORMATION

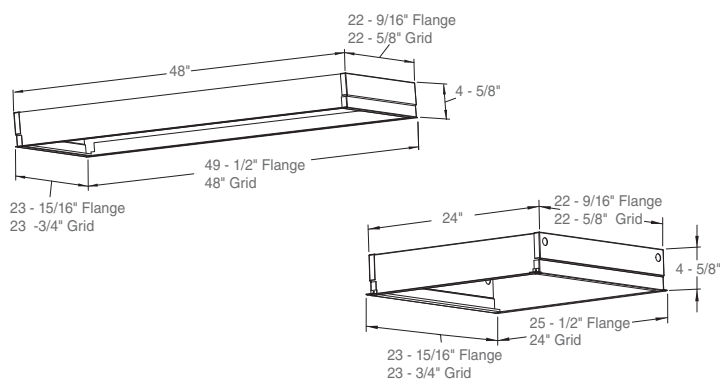
Specifications subject to change.

Example: HST124 G 120 6 T8 2C RM AM

Series	Mounting	Voltage	Lamp Qty	Lamping	Circuits	Ballast options	Options	Emergency	Finish
<u>Product</u> <u>Size</u>	G Grid	120 120V	4	T8 32W (4 FT)	1C 1 circuit	GEB10RS Generic Electronic Rapid Start	PF Flange Mount only	B70A One lamp Bodine	GW Gloss White (Standard)
HST124 2x4 FT	F Flange	277 277V	5	T5 17W (2 FT)	2C 2 circuits		RM Flange Mount only	I48 Iota 1-2 lamp	AM Anti-Microbial White
HST122 2x2 FT		MVOLT 120-277V	6	T5 28W (4 FT)	3C 3 circuits	GEB10PS Generic Program Start	RMP Row Mount Pattern (specify pattern/consult factory)	350-700 lumens	
HST114 1X4 FT		347 347V (Canada)		T5H0 54W (4 FT)	1C/1DM 1 normal ballast; 1 dimming circuit	DMHL3D Lutron Hi-Lume		B501LP Bodine 1 lamp emergency	
					2C/1DM 2 normal ballast; 1 dimming circuit	ADEZ Mark X Dimmer 5-100% Phase control	GP1 One Green Lamp requires multi circuit	B50 Bodine 2 lamp emergency	
					1DIM 1 dimming circuit	ADZT Mark VII Dimmer 0-10V Low Voltage Dimmer	GP2 Two Green Lamps requires multi circuit	B30 1-2 lamp emergency ballast	
					2DIM 2 dimming circuits		GLR Fast-Blo Fuse		
					3DIM 3 dimming circuits		GMF Slo-Blo Fuse		
							ALD Aluminum Door Painted		
							BSD Brushed Stainless Door		
							PSD Painted Stainless Door		
							TGC T Grid Mounting Clips (T-grid only)		

ADDITIONAL INFORMATIONFor additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

**Notes**

- 1 Special ballast require specified 120 or 277 voltage (no MVOLT or 347).
- 2 1x4 is 3 lamps; 2x2 and 2x4 are 3,4,5,6 lamps.
- 3 Consult factory for availability of 347V.
- 4 T5H0 not available with 6 lamps.
- 5 Row mount adapter; specify pattern. Adapters shipped with fixtures.
- 6 Non-standard wiring contact factory.
- 7 PF and RM only with flange mount.
- 8 T8 ballast standard instant start, T5 ballast standard program start.

HST LED



Intended Use

The HST LED provides an energy efficient alternative to fluorescent Surgical troffers. Surgical troffers are designed to supplement the primary procedure lighting in the surgical theater. When grouped to surround the perimeter of the operating table, the symmetric/asymmetric lens distributes light both downward and toward the surgical field, diminishing shadows and reducing eyestrain of the surgical team. A gasketed steel door with clean concealed hinge seals plenum contaminates from the surgical suite. For row-mounted flange applications, linking connectors are offered or end flanges may be conveniently removed to allow fixtures to be fastened to one another.

Features

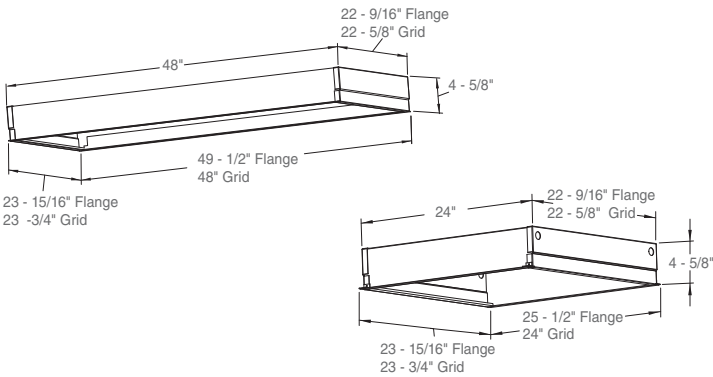
- Sealed door with clean concealed hinge is superior alternative to conventional piano hinge
- Integral grounding grid shields sensitive medical equipment from radiated electromagnetic emissions
- Each circuit includes a radio frequency suppressor to shield sensitive medical equipment from conducted emissions
- Multiple circuit and lamping configurations are available
- Available with dimming and emergency (options)
- Entirely serviceable from within the room



ORDERING INFORMATION		Specifications subject to change.										Example: HSTLED24 F 120 LED35 1C PF EM1 AM			
Series		Mounting		Voltage		LED Color		Circuits		Options		Emergency		Finish	
Product	Size	G	Grid	120	120V	LED35	3500K	1C	1 circuit	PF	Flange only	EM1	(1) Emergency driver (designate 120V or 277V)	GW	Gloss White (Standard)
HSTLED24	2X4 FT	F	Flange	277	277V	LED40	4000K	2C	2 circuits	ALD	Aluminum Door Painted	EM2	(2) Emergency driver (designate 120V or 277V)	AM	Anti-Microbial White
HSTLED22	2X2 FT			MVOLT	120-277V			3C	3 circuits	RM	Flange only				
								4C	4 circuits	RMP	Row Mount Pattern Flange only (specific pattern/consultant factory)				
								DIM	Dimming circuit						

ADDITIONAL INFORMATION For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 Special and emergency ballasts require specified 120 or 277 voltage (no MVOLT or 347V).
- 2 Row mount adapter: specify pattern. Adapters shipped with fixtures
- 3 Fuses require specific voltage.
- 4 Contact factory for special dimming requirements.
- 5 T8 ballast standard instant start, T5 ballast standard program start.
- 6 PF and RM only with flange mount.

Intended Use

The Teron-SF MRI provides effective undercabinet task lighting with an entirely non-ferrous design. Its non-magnetic construction, along with DC power compatibility, makes this fixture especially suitable for use in the MRI environment.

Features

- Solid front housing provides cut-off and minimizes light trespass
- Uses 15W T7 intermediate base lamps by others - 3 ea. for the 18" and 6 ea. for the 36" versions
- Rugged die-formed aluminum construction for installation ease and long-term durability
- Compatible with both AC and DC power supplies (120v only)

TERON-SF MRI



ORDERING INFORMATION

Specifications subject to change.

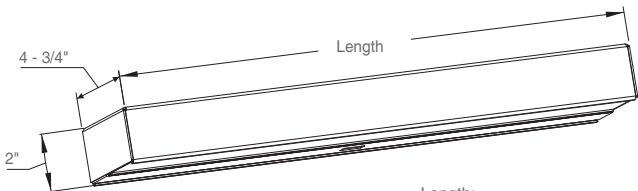
Example: HUCMRI36 120 SX AM

Series		Voltage	Switching	Finish	
Product	Size	120 120V	S1 On-Off Rocker Switch	GW	Gloss White (Standard)
HUCMRI18	18-in.		SX No Switch	AM	Anti-Microbial White
HUCMRI36	36-in.			CC	Custom Color

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Length:
HUCMRI18 = 18 - 1/4"
HUCMRI36 = 36 - 1/4"

Notes

- 1 Custom color require factory pricing.

COMFORTVIEW MRI/LED



Intended Use

General lighting in radiology, oncology, and specialized treatment areas should create a calming atmosphere to ease patient tensions as much as possible. Ceiling fixtures with interesting graphics such as colorful landscape scenes can provide a pleasant distraction while patients are prone or recumbent for long periods of time. For MRI applications, the fixture is built with entirely non-ferrous construction and a remotely-mounted LED driver.

Visit the image library on our website to choose from a wide array of high-quality graphics from renowned National Geographic® photographers. Our proprietary lens construction results in a high-definition effect with amazing color. Choose a single fixture to provide a backlit focal point, or spread the image across an arrangement of fixtures to create a panoramic view.

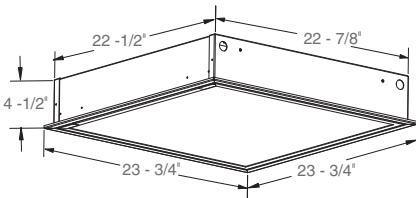
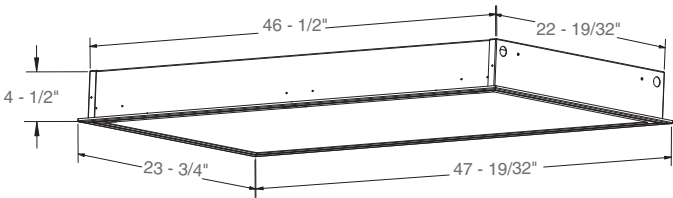
Features

- High-efficiency LED light source
- Sealed universal housing suits either grid or flange installations
- Vivid color, proprietary high-definition lens
- Library of impressive National Geographic images to choose
- Customized layouts and images are available; consult factory
- Tool-free cam-lock tabs secure door against gasket for dust seal

ORDERING INFORMATION		Specifications subject to change.						Example: HCV322 G 120 SP1 D4 GI1298				
Series		Mounting	Voltage		Fixture Spacing		Configuration	Image number	Options		Finish	
Product	Size	G Grid	120	120V	SP0	0-inch	For 2x2FT	See image gallery on website www.healthcare-lighting.com (e.g. GI1270)	DMTR2	0-10v Dimming (2x2)	GW	Gloss White (Standard)
HCV322	2x2 FT LED MRI	F Flange	277	277V	SP1	1-inch (Std Grid)	A1		DMTR4	0-10v Dimming (2x4)	AM	Anti-Microbial White
HCV324	2x4 FT LED MRI				SP15	1.5 inch Grid	C2					
					SPN	Non-Std	D4		SX	No Switch		
							E6					
							F6					
							G9					
							For 2x4FT					
							H1					
							I1					
							J2					
							K2					
							L3					
							M3					

ADDITIONAL INFORMATION For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Notes

- 1 MRI fixture requires remote-mounted driver, included.
- 2 Contact factory for non-standard grid size to preserve patterns.
- 3 Certain images not available in G, F, and L patterns.
- 4 See image gallery at healthcare-lighting.com.
- 5 RFI filters supplied by others.

TRILUME MRI



Intended Use

The Trilume MRI features completely non-ferrous construction that will not interfere with sensitive magnetic scanning equipment. This special consideration, along with DC power compatibility, makes this 2x2 fixture especially suitable for general lighting of the MRI environment. The enclosed lamp shield delivers shadow-free lighting without glare to immobilized patients and for radiology technicians.

Features

- Rugged die-formed aluminum construction for long-term durability
- Removable lamp shield for easy relamping
- Compatible with both AC and DC power supplies (120v only)
- Uses (2) T10 medium base halogen lamps (by others), 60w, 75w, or 100w

ORDERING INFORMATION

Specifications subject to change.

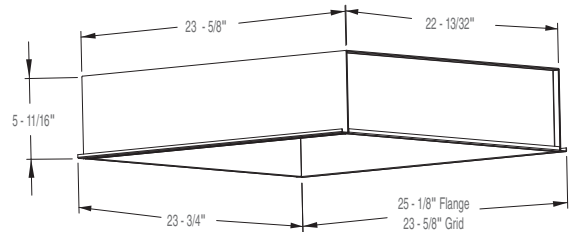
Example: HPT3M G 120 60T10 PAB AM

Series		Mounting		Voltage		Lamping		Basket		Finish	
Product	Size	G	Grid	120	120V	60T10	2 60W Medium Base Halogen	PAB	Perforated Aluminum Basket (no insert)	GW	Gloss White (Standard)
HPT3M	2x2 FT	F	Flange			75T10	2 75W Medium Base Halogen			AM	Anti-Microbial White
						100T10	2 100W Medium Base Halogen				

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



- Notes**
- 1 Lamps and switching provided by others.
 - 2 Only available in 120V.

PRODUCT INFORMATION

DARKROOM SAFELIGHT



Intended Use
Darkroom safe lights are specialty fixtures for use in film development or scientific laboratories. Incandescent lamping and special filters protect the images captured on sensitive X-ray and photographic films. Films may be exposed for short durations to low intensity, limited spectrum light, allowing transfer to equipment where processing takes place in total darkness. Recommended filter and lamp wattage is specified by the film manufacturer. A variety of filters is available to suit most applications. With proper filter selection, this fixture provides illumination without film damage.

Available in single compartment (primary) or two-compartment (primary and secondary) styles. Lamp wattage is limited to 15W for the primary (filtered) compartment. Higher wattages will result in filter damage and over-exposure of film.

- Features**
- Sealed partition between light sources protects processes from exposure
 - Includes quality Kodak® brand filter
 - Hinged, sealed door frame with integral light trap

ORDERING INFORMATION

Specifications subject to change.

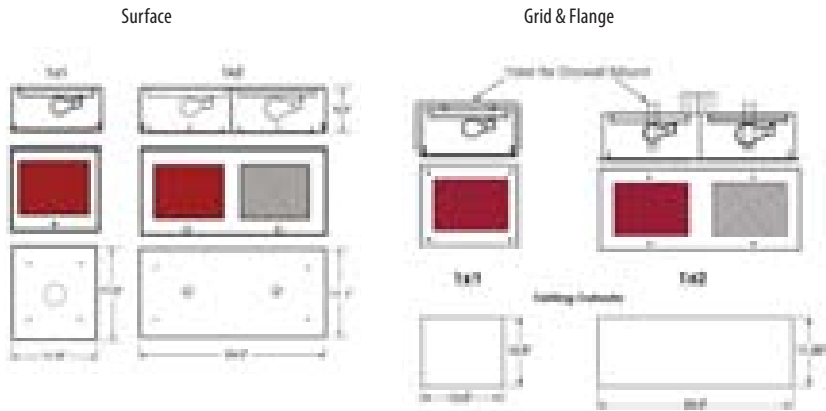
Example: HDR112 F F1

Series		Mounting		Kodak Filter and color name	
HDR111	One Primary Lens; 15W A25 Incandescent Lamp	F	Flange	F1	Red
HDR112	One Primary and One Secondary Lens; 200W A23 Incandescent Lamp (G and F) or 150W A21 Incandescent Lamp (S)	G	Grid	F3	Dark Green
		S	Surface	F10	Dark Amber
				F13	Amber
				FOC	Light Amber

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Intended Use

The Techline X-Ray Illuminator provides uniform light diffusion for optimally viewing diagnostic imaging films. Customize the viewing arrangement with multi-panel configurations - side by side or double row – in a thin, 3” profile for surface or recessed mounting. A two-position rocker switch is included with every viewing panel, conveniently grouped in a centralized cluster for multi-panel arrangements.

Choose the 200 Series for 2 lamps per panel, suitable for reading films of normal density. The 3-lamp (300 Series) and 4-lamp (400 Series) options are available to achieve the additional brightness preferred by some radiologists. Dual-intensity switching is available on the 400 Series to independently control “Hi/Low” illumination of each panel.

Features

- Shatter-proof translucent viewing panel consistently diffuses light
- Roller-gravity grip accommodates all film thicknesses and requires no field adjustments
- Continuous bottom film ledge allows reading of multiple film sizes on a single viewing panel
- Various multi-panel configurations available
- Cluster switching is standard on all multi-panel configurations
- Easily serviced without removal from wall
- Film-activated switch (option) adds operating convenience and eliminates excess light from adjacent panels
- Multi-panel master switch (option) allows on/off control of all panels as a group
- 15W T8 lamps included
- Hospital grade cord and plug is standard on surface-mount version

TECHLINE X-RAY ILLUMINATOR



Example: HXR200 R 120 1R FAS

ORDERING INFORMATION

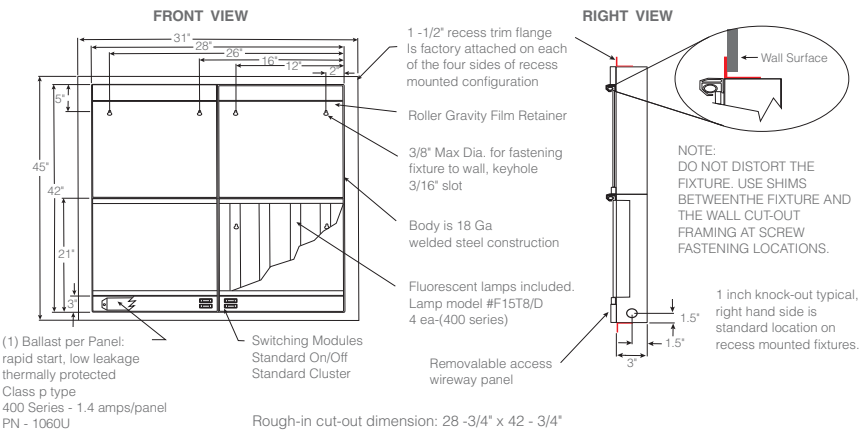
Specifications subject to change.

Series	Mounting	Voltage	Panel rows	Options
HXR200 2-lamp	S Surface	120 120V	1R Single Row (21 in. height; 17 in. viewing height)	FAS Film Activated Switch
HXR300 3-lamp	R Recessed		2R Double Row (42 in. height; 28 in. viewing height)	MS Master Switch
HXR400 4-lamp				DIS Dual Intensity Switching (HXR400 only - includes FAS Option)

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

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Notes
1 Consult factory for 347V availability.

ECONOMY X-RAY ILLUMINATOR



Intended Use
The Economy X-Ray Illuminator offers the same high quality construction as the Techline series but in a simpler design with fewer options. It provides a lower cost alternative to address basic viewing needs.

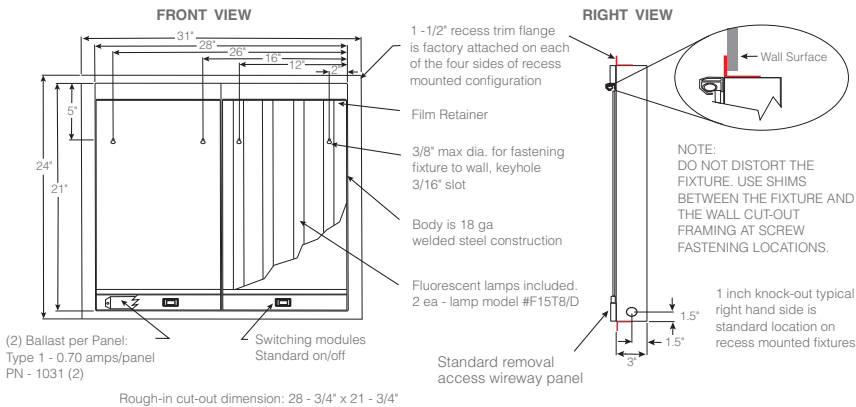
Side-by-side configurations of up to 4 panels are available in a slim-profile, surface or recessed mount, housing. Each panel is uniformly illuminated by two lamps controlled by an independent on/off rocker switch.

- Features**
- Thin profile is clean, simple, and unobtrusive
 - Shatter-proof translucent viewing panel consistently diffuses light
 - Film holding system accommodates all film thicknesses, wet or dry, with no field adjustment
 - Continuous bottom film ledge allows reading of multiple film sizes on a single viewing panel
 - Includes (2) 15W T8 lamps per viewing panel
 - Hospital-grade cord and plug is standard on surface-mount version

ORDERING INFORMATION		Specifications subject to change.		Example: HXR800 R 120 02	
Series	Mounting	Voltage	Configuration (Panels)		
HXR800	S Surface	120 120V	01	Single Panel 14 x 17 Viewing Area 14 x 21 L x H	
	R Recessed		02	2 Panel 28 x 17 Viewing Area 28 x 21 L x H	
			03	3 Panel 42 x 17 Viewing Area 42 x 21 L x H	
			04	4 Panel 56 x 17 Viewing Area 56 x 21 L x H	

ADDITIONAL INFORMATION For additional product information, visit www.healthcare-lighting.com.

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Intended Use

Message signs can be used to identify hazardous areas such as X-ray and laser procedure rooms or simply to provide wayfinding guidance. Choose from a selection of the most common legends or specify custom wording to suit your specific needs – illuminated by ultra-low consumption LEDs in your choice of green, red, or blue.

Features

- Top-mounted, downward-facing LED board with integral universal (120v/277v) driver
- Tool-free access to LED strip, transformer, and quick-disconnect for easy installation and service
- Surface and canopy mount versions available; double-side legend is available on canopy-mount
- Universal canopy plate for ceiling or wall installation
- Choose from many standard legends or specify custom wording
- Emergency battery back-up and weather guard (surface mount only) options are available

ALERT



ORDERING INFORMATION

Specifications subject to change.

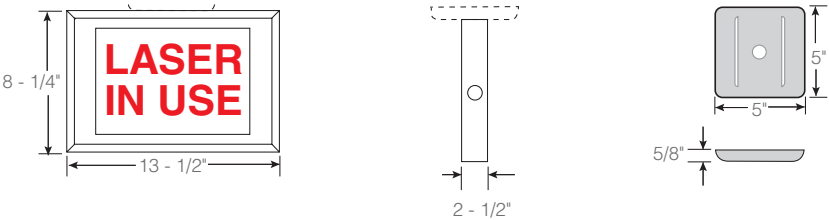
Example: HSG301 XIU RD

Series	Legend code	Legend and LED Color	Options
HSG301 Surface Mount; Single Side	DIRU DARKROOM IN USE	RD Red	EMNICAD Emergency Battery Backup
HSG302 Canopy Mount; Single Side	DNE DO NOT ENTER	GR Green	LENS Replacement Lens Only
HSG303 Canopy Mount; Double Side	IU IN USE	BL Blue	WG Weather Guard
	XIU X-RAY IN USE		TS Tamper Resistant Screws
	XO X-RAY ON		VS Vandal Resistant Polycarb Face Shield
	MIU MRI IN USE		
	EX EXIT		
	ARA AREA OF RESCUE ASSISTANCE		
	ARAW AREA OF RESCUE ASSISTANCE (with wheelchair graphic)		
	BO BEAM ON		
	BR BEAM READY		
	LIU LASER IN USE		
	AOR AREA OF REFUGE		
	SW SPECIAL WORDING		
	ARR SPECIAL ARROW		

ADDITIONAL INFORMATION

For additional product information, visit www.healthcare-lighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



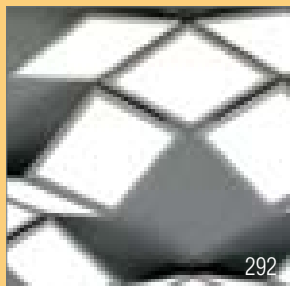
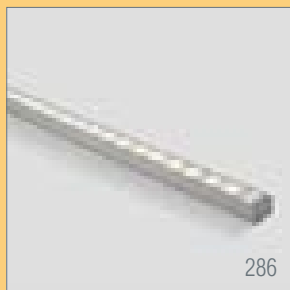
Notes

- 1 Contact factory for special wording/special arrow.
- 2 Weather guard not compatible with canopy mount (HSG301 only).



WINONA®

Winona is synonymous with bringing the visions of architects and designers to life through quality, performance and architectural style lighting, in both interior and exterior spaces. Winona's leadership and commitment to solid-state lighting technology delivers static and dynamic LED solutions with intuitive integrated controls for both architectural and performance applications. Unique custom and modification capabilities allow for the unmatched ability to address and solve customer needs.



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WINONA[®]

solutions | forms | light

SOLUTIONS

Technology Infused Custom, Restoration, Replication Services

Providing custom design freedom and endless possibilities, no manufacturer is more qualified to create that unique luminaire to perfectly suit your project. Innovative manufacturing and finishing technologies along with expert craftsmen enable Winona to restore and replicate luminaires of any scale or quantity while preserving the fixtures original elegance.



FORMS

Aesthetic Driven Architectural Lighting Systems

The Winona portfolio, showcasing a complete line of pendants, ceiling mounts, and sconces, reflects careful attention to design detail and a commitment to technology. Using only quality materials, our engineering team and manufacturing expertise guarantees that a Winona luminaire will be both beautiful and will endure the test of time.



LIGHT

Luminance and Effects Driven Architectural Lighting Systems

High performance products that provide solutions for a wide range of lighting applications. Committed to the development of LED products, Winona offers great performance in a variety of forms ranging from programmable dynamic RGB luminaires, the ultra thin, high performance Winline series, step lighting, and a full line of asymmetric luminaires.



SOLUTIONS

Technology Infused Custom, Restoration, Replication Services

CUSTOM



Cato Institute / Lighting Design: SBLD Studio, NY /
Photography: Fred Gerlich

RESTORATION



4th Presbyterian Church /
Photography: David Seide - Defined Space

REPLICATION



US Capitol Visitor Center / Architect: RTKL Associates /
Lighting Design: H.M. Brandston & Partners, Inc /
Photography: Fred Gerlich

Winona's roots lie in custom design and manufacturing. Originating in 1961, our relentless pursuit of unparalleled quality and the challenge of that "one-of-a-kind" luminaire have been the driving forces behind our custom division. This expertise can be applied to restoration and replication projects as well. Winona has the knowledge, experienced designers, and craftsmen to provide solutions for your project needs.

SOLUTIONS

Technology Infused Custom, Restoration, Replication Services



Why choose custom lighting?

A unique design is required.

Special lighting performance is necessary.

The scale of the space demands a luminaire size appropriate to the surroundings.

A custom luminaire begins like any other design, with an idea and a sketch. From here the Winona design and engineering team can begin the process.

Building a custom luminaire requires engineering expertise in the design phase, skilled fabricators during construction, talented metal finishers and painters, and a staff of skilled assembly workers.

Let us help you create that unique luminaire that can transcend any project from ordinary to extraordinary.

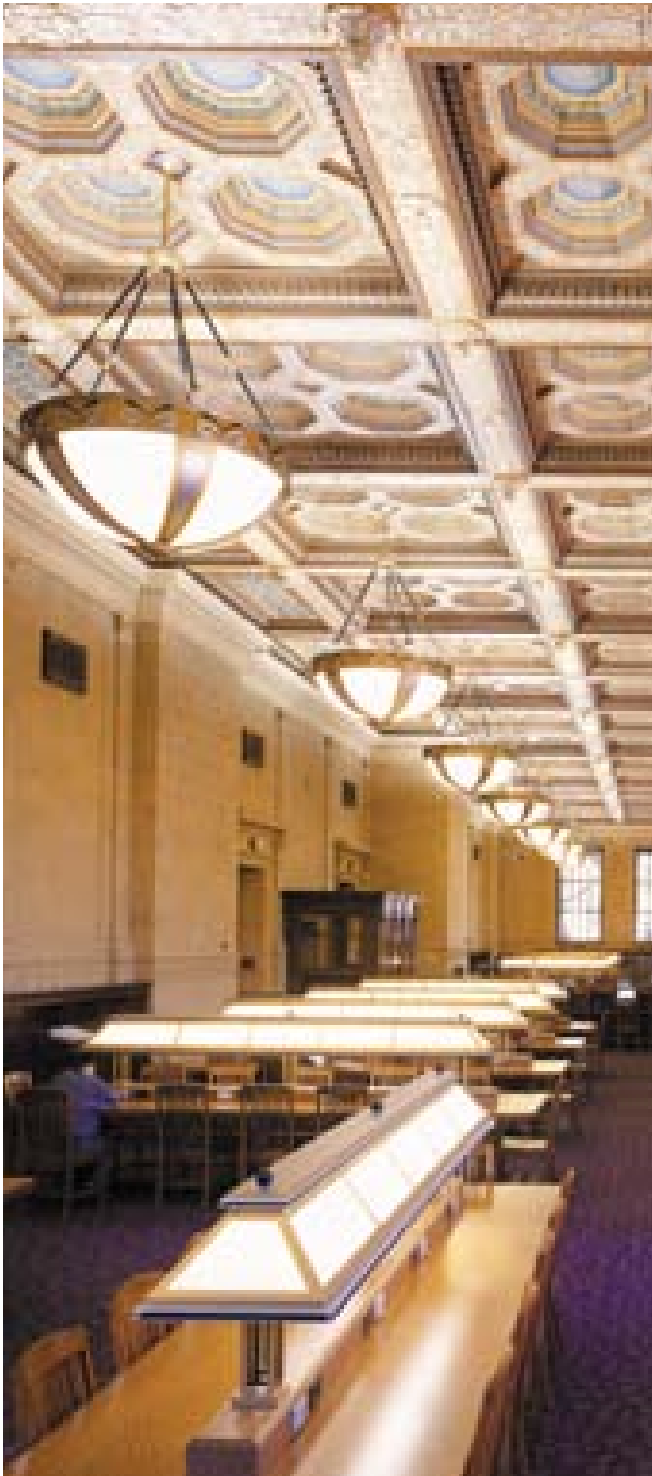
JW Marriott / Lighting Design: Gary Steffy Lighting Design



Warburg Pincus / Lighting Design: Hillman DiBernardo Leiter Castelli (HDLC) Architectural Lighting Design / Photography: David Joseph

SOLUTIONS

Technology Infused Custom, Restoration, Replication Services



University of Minnesota Walter Library / Architect: Stageberg Beyer Sachs Architects /
Lighting Design: Eriksen Ellison & Associates, Inc. / Photography: Dana Wheelock



Who do you trust with priceless?

Detailed documentation, innovative manufacturing and finishing technologies, along with 50 years of experience, set Winona apart when it comes to restoring or reproducing a fixtures original elegance.

PENDANT



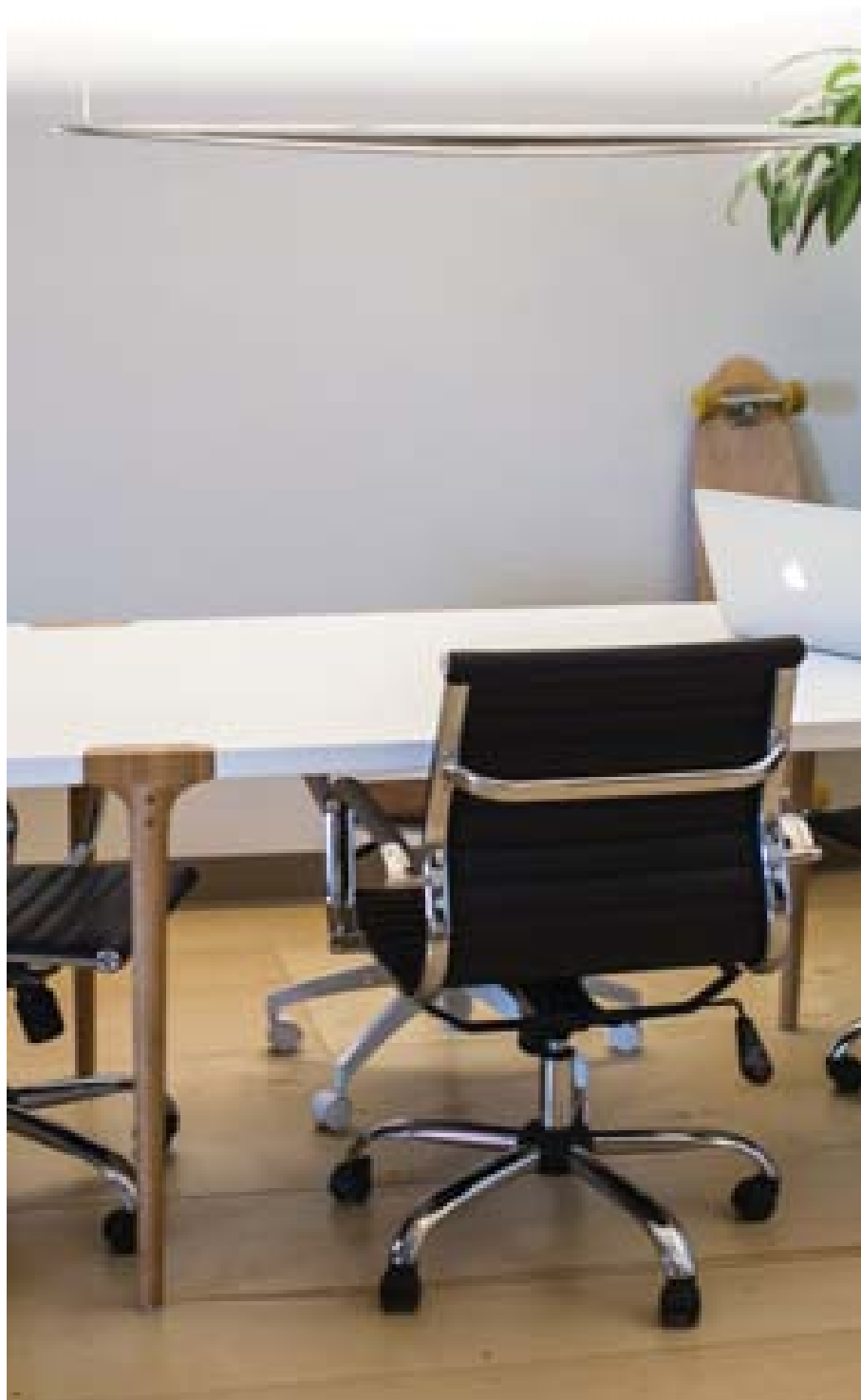
6130 POLDI



5800 GISELLE



6000 TAMSIN 1



Photography: Capture Studios

6800 CANOE

PENDANT



5430 FINN



5206 VIVO



4920 CLASSICAL

POPS01

CS Mott Children's Hospital / Lighting Design: HKS Architects /
Photography: Blake Marvin Photography

CEILING



6151 ORTWIN



5821 MATHIS



6030 WERNER



Atrens-Counsel Insurance Brokers Inc. / Lighting Design: Britacan Design Facilities
Photography: Andrew Ross Photography - arossphoto.com

6111 GERHARDT

CEILING



6200 FULL CIRCLE

Ernst & Young Atlanta / Lighting Design: HOK Lighting Group / Photography: Lance Davies



5411 HALEN



POPS08



5230 DORIN

SCONCE



6132 POLDI



6102 BENNO



5803 MARIE



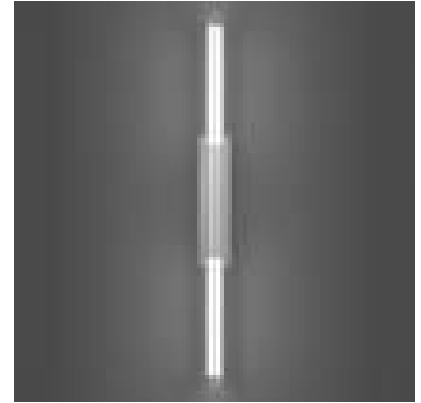
5950 LUCA

SCONCE



4610 BOLIVARDE

Casablanca Hotel / Photography: CMZ Photographics



4608 TRACE



POPS11



5250-VHB CISCO

PARĀTA SERIES

Dynamic RGB



707 PARĀTA Full Flood



703 PARĀTA Half Flood



717 PARĀTA Medium Spot



713 PARĀTA Small Spot



728/729W PARĀTA Surface Linear



724 PARĀTA Linear Cove

PARĀTA Series dynamic color changing luminaires create vibrant color and color-changing effects for a wide variety of interior or exterior applications.

Performance is premium in both lumen output and efficiency while multiple beam spread options and aiming flexibility provide the user superb optic control.

Remote device management (RDM) capability allows bi-directional communication simplifying installation.

Luminaires calibrated and tested to ensure uniform hue and intensity from fixture to fixture regardless of temperature or environment. PARĀTA's unique ratio of red, green and blue LEDs allows for superior architectural white color.



IP66



BLANCA SERIES

LED

BLANCA Series flood luminaires are powerful high performance instruments designed to wash or graze architectural installations.

These ruggedly built IP66 rated die-cast luminaires offer premium performance in both lumen output and energy efficiency with multiple beam options and aiming flexibility that provide superb optic control. In addition to energy savings, LEDs offer reduced maintenance for interior or exterior architectural applications.

BLANCA 700 Series smooth, uniform distribution provides a concentration of light on a target surface. Color temperatures of 2700K, 3000K, 3500K or 4000K are available, while bin tolerances provide tight color consistency.

Multiple beam patterns are available making it easy for the user to select an appropriate optic distribution for any application. 0-10 volt dimming is standard.



IP66



705 BLANCA Full Flood



701 BLANCA Half Flood



715 BLANCA Medium Spot



711 BLANCA Small Spot



726/727W BLANCA Surface Linear



720/722 BLANCA Linear Cove

WINLINE SERIES

Low Voltage Linear LED



104-106 WINLINE
Surface Linear Interior



105W-107W WINLINE
Surface Linear Exterior



206-208-210 WINLINE
Surface Linear Interior



207W-209W-211W WINLINE
Surface Linear Exterior



212-214 WINLINE
Cove Interior



308 WINLINE
Surface Linear Interior



309W WINLINE
Surface Linear Exterior

The WINLINE Series of low voltage linear LED luminaires offers high performance from a small profile.

Powerful and reliable, the WINLINE series can be used in both interior and exterior applications.

Multiple beam spreads ensure the right distribution for various applications and all luminaires are available in four color temperatures: 2700K, 3000K, 3500K, and 4000K.



IP66



STEP SERIES

LED



STEP12

The Press Club Four Seasons Hotel, San Francisco /
Architect: Baldauf Catton Von Eckartsberg - Architects and Interior Designers /
Lighting Design: Michael Webb Revolver Design / Lighting Engineer: CB Engineers /
Photography: Rien Van Rijthoven ARCHITECTUREPHOTOGRAPHY



STEP11
Round / Rectangle / Square



STEP12
Square / Round



STEP13
Rectangle 3 / 6 / 9 / 12 inch

WINDIRECT SERIES

Asymmetric



SURFACE WALL



RECESSED



COVE



SURFACE CEILING



SURFACE LINEAR



PENDANT

Winona offers a complete WINDIRECT Series of quality, high-performance extruded asymmetric products designed to provide the lighting professional solutions for a wide range of lighting applications. Each product is engineered to produce maximum forward throw while providing uniform distribution and illumination on vertical or horizontal surfaces.

Our reflector is extruded from high purity aluminum alloy to exact specifications for both form and finish. To provide long-term durability and stability, we incorporate the heaviest wall thickness of any asymmetric product in the market.

The innovative and patented involute shape is designed to squeeze the maximum performance from the luminaire while keeping the profile as small as possible.



WINDIRECT SERIES

Asymmetric



CANTILEVER



BASE MOUNT



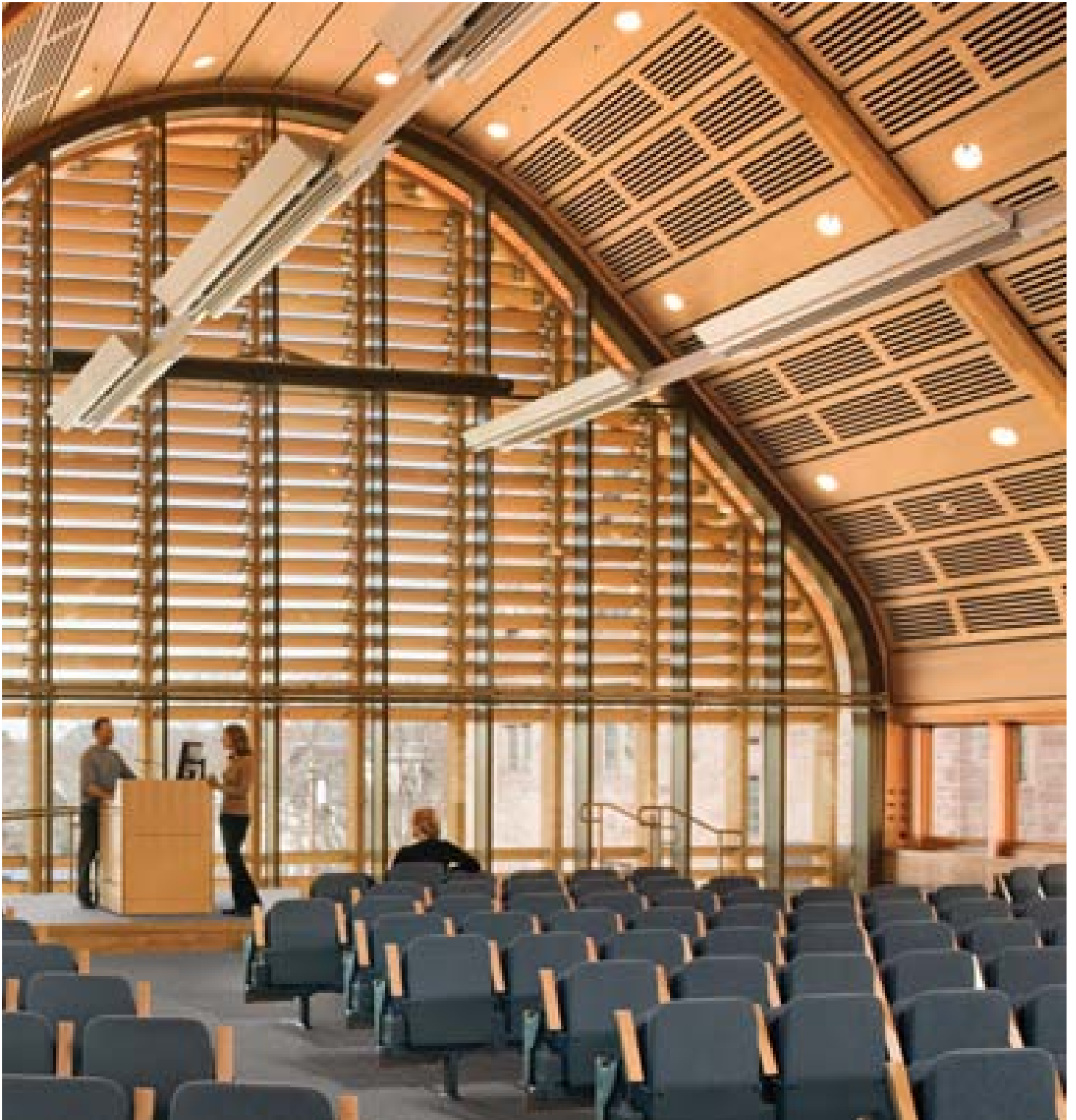
TRUSS

BASE MOUNT

Wrigley Building Chicago / Architect: Graham, Anderson, Probst & White /
Lighting Design: HOK Lighting Group / Photography: ©Benkrut dreamstime.com

WINDIRECT SERIES

Asymmetric



LINEAR PENDANT

Yale University Kroon Hall / Architect: Hopkins Architects of Great Britain in partnership with Centerbrook Architects and Planners, Connecticut / Photography: © Robert Benson Photography

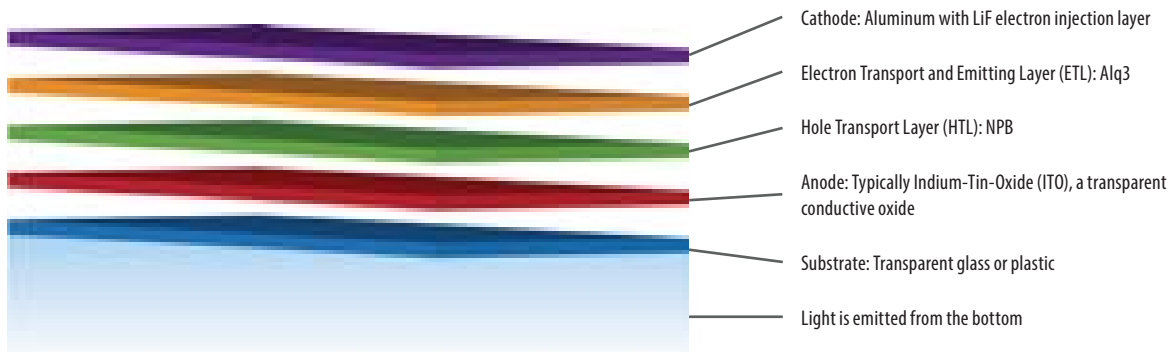
WHAT IS OLED?

With OLED, we can appreciate and feel the presence of the light itself in incredibly thin and transformative forms. New possibilities in design are unleashed in OLED luminaires that harmonize our connection with architecture and light.

OLED stands for Organic Light-Emitting Diodes. OLEDs are “organic” in that the key functional layers are composed of organic compounds – complex carbon containing molecules.

The diagram below illustrates the basic structure of an OLED panel.

How it Works



Not all OLEDs are created equal.

Our incredibly thin OLEDs glow with calm and efficient light, giving each OLED luminaire a captivating design character. Choose from several families of products to create your own unique OLED lighting solution.

Light Output

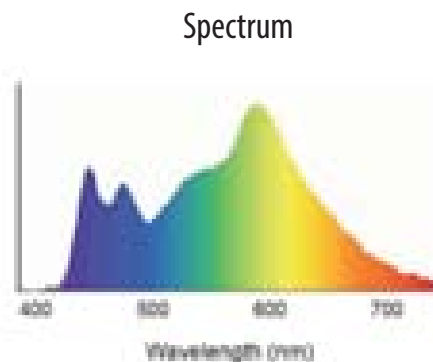
A unique attribute of OLED luminaires is that the luminaire performance will closely match that of the OLED panels because there are minimal optical and thermal losses.

Lifetime

Operating lifetime is measured from the beginning of operation at initial light output and full brightness until the panel reaches 70% of its initial light output (and luminance).

Color

The broad-band light emission of our OLEDs yields a full spectral power distribution, resulting in excellent CRI. Virtually no energy is wasted in the UV or IR regions of the spectrum.



REVEL™



REVEL PM Pendant



REVEL HCM/WM Hard Ceiling Mount
and Wall Mount Sconce



REVEL GCM Grid Ceiling Mount

REVEL offers the ability to sculpt a ceiling or wall with brightness and texture. Designers can create patterns tailored for their unique lighting needs. Regimented layouts are a thing of the past.

REVEL is ideal for creating unique design statements in office, retail, hospitality, restaurant, and many types of feature spaces.



Photography: John Sutton Photography

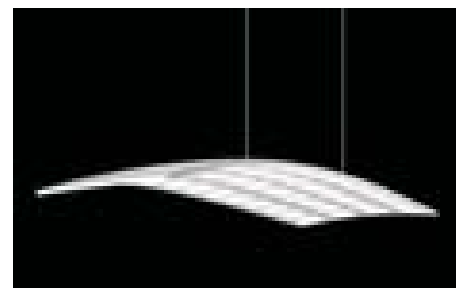
REVEL GCM

KINDRED™

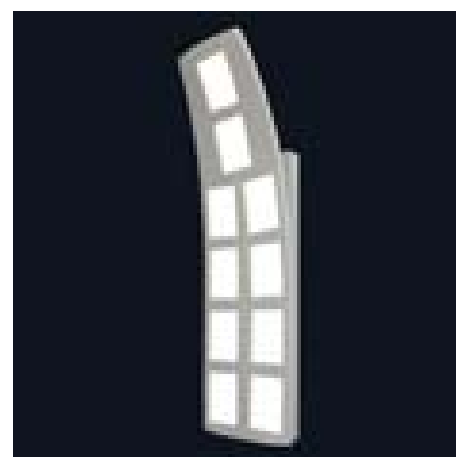


KINDRED PM

Photography: Naomi Castillo



KINDRED PM Pendant

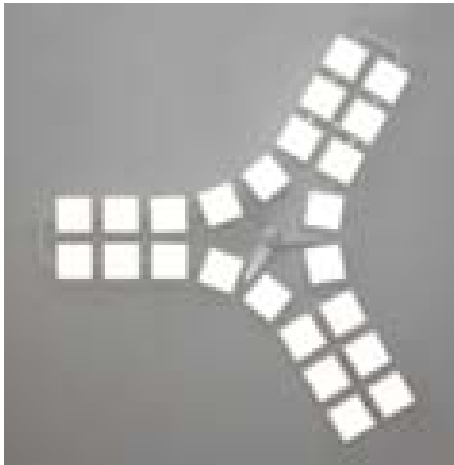


KINDRED WM Wall Mount Sconce

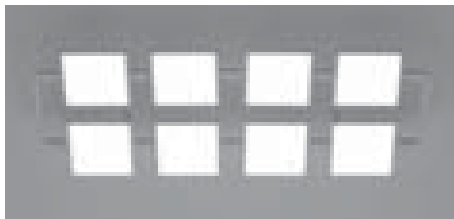
KINDRED immerses the user in a soft volume of light and creates a sense of companionship and comfort. When mounted in close proximity, it transforms the interaction within an interior space to a more human and personal experience.

KINDRED invites us to gather.
KINDRED makes an iconic design statement in any feature space.

TRILIA™



TRILIA TRI



TRILIA STR

Designed to inspire creativity and imagination, Trilia evokes the connectivity and beautiful branching of a growing neuron. Modular units allow designers to shape single luminaires or expansive networks. By combining Tri and Straight sections, organic patterns form and flow gracefully through a space, making light and architecture one.

Comforting OLED lighting in unique and fluid motifs for close-to-ceiling applications.

Trilia is not only for offices but also ideal for any space that commands a strong design element.



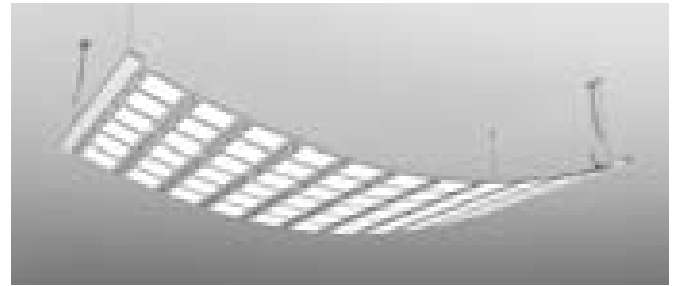
Photography: John Sutton Photography

TRILIA TRI and STR

CANVIS™



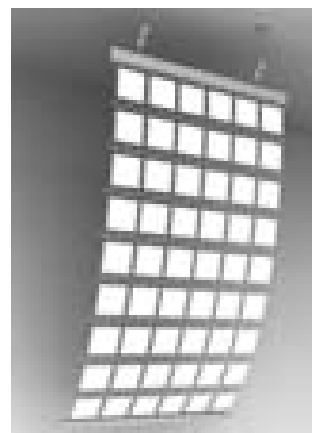
CANVIS HZM



CANVIS HRZ



CANVIS HZM



CANVIS VTM



CANVIS VRT

Canvis captures the essence of a work of art. This family of luminaires is designed for ceiling and wall applications and can be used as a single unit or multiples.

Canvis can sculpt and define the shape of a space. Suitable for office, retail, hospitality, restaurant, and many types of feature spaces.

QUICK SHIP

The 10 Day Solution

WINONA® proudly introduces **Quick Ship**. We understand how fast the world is moving and how critical timing can be.

Quick Ship represents our commitment to you as a leading solutions provider and quality manufacturer. The Quick Ship program offers the same uncompromising quality that Winona consistently offers through our standard delivery program, now in just 10 days. Choose from families of architectural pendant, ceiling, and scone luminaires or high performance asymmetric, step, linear, spot and flood lighting, along with a complete family of dynamic color-changing LED solutions.



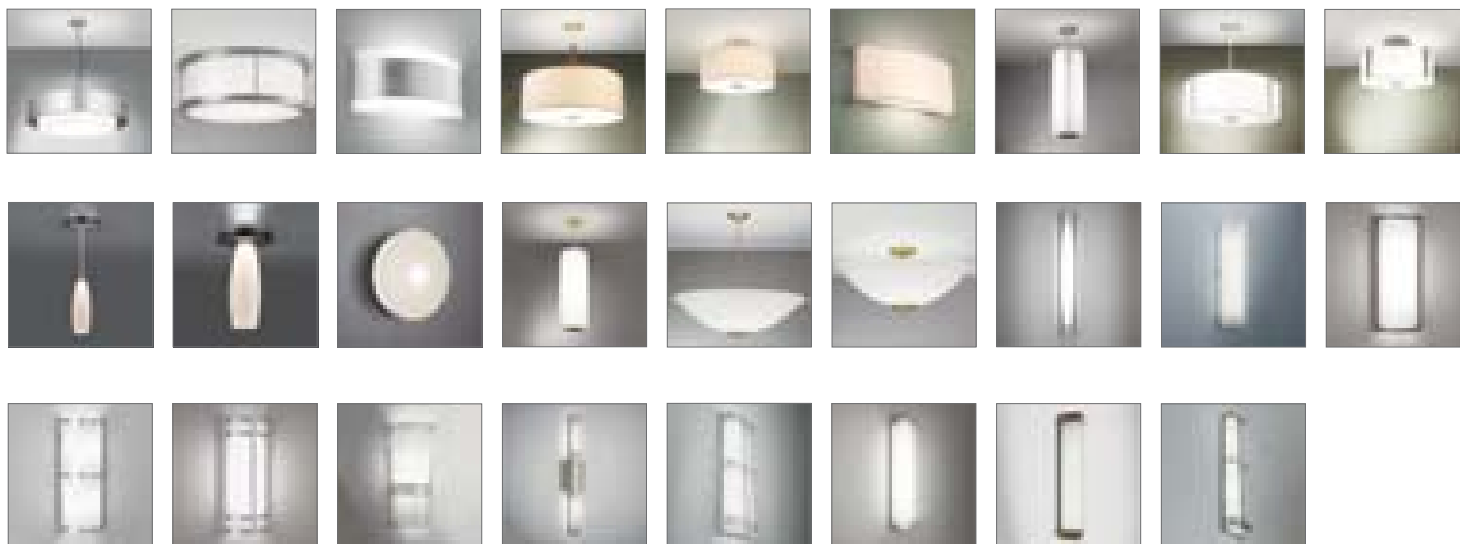
PROGRAM DETAILS

- All Quick Ship orders must be sent to winorderentry@acuitybrands.com.
- Ship dates are 10 business days from date of clean release.
- All orders received after 3:00pm CST will be processed the next business day and will receive an Estimated Ship Date (ESD) from that date.
- All purchase orders must be clearly identified as Quick Ship. Non-Quick Ship products must be ordered on a separate purchase order.
- If an order exceeds the product specification sheet quantity, then the following shall apply:
 - If less than or equal to 2 times maximum Quick Ship quantity, the order will be split into two delivery dates. The first will go in 10 days followed by the second in 15 days.
 - If the order is more than 2 times maximum Quick Ship quantity, then the order would not qualify as a Quick Ship order.
- Change orders will affect lead times.
- Cancellation after release will result in a 50% restock fee, minimum.
- Order requirements:
 - Complete Quick Ship catalog number
 - Complete ship to address
 - Contact information, any shipping notes / site restrictions

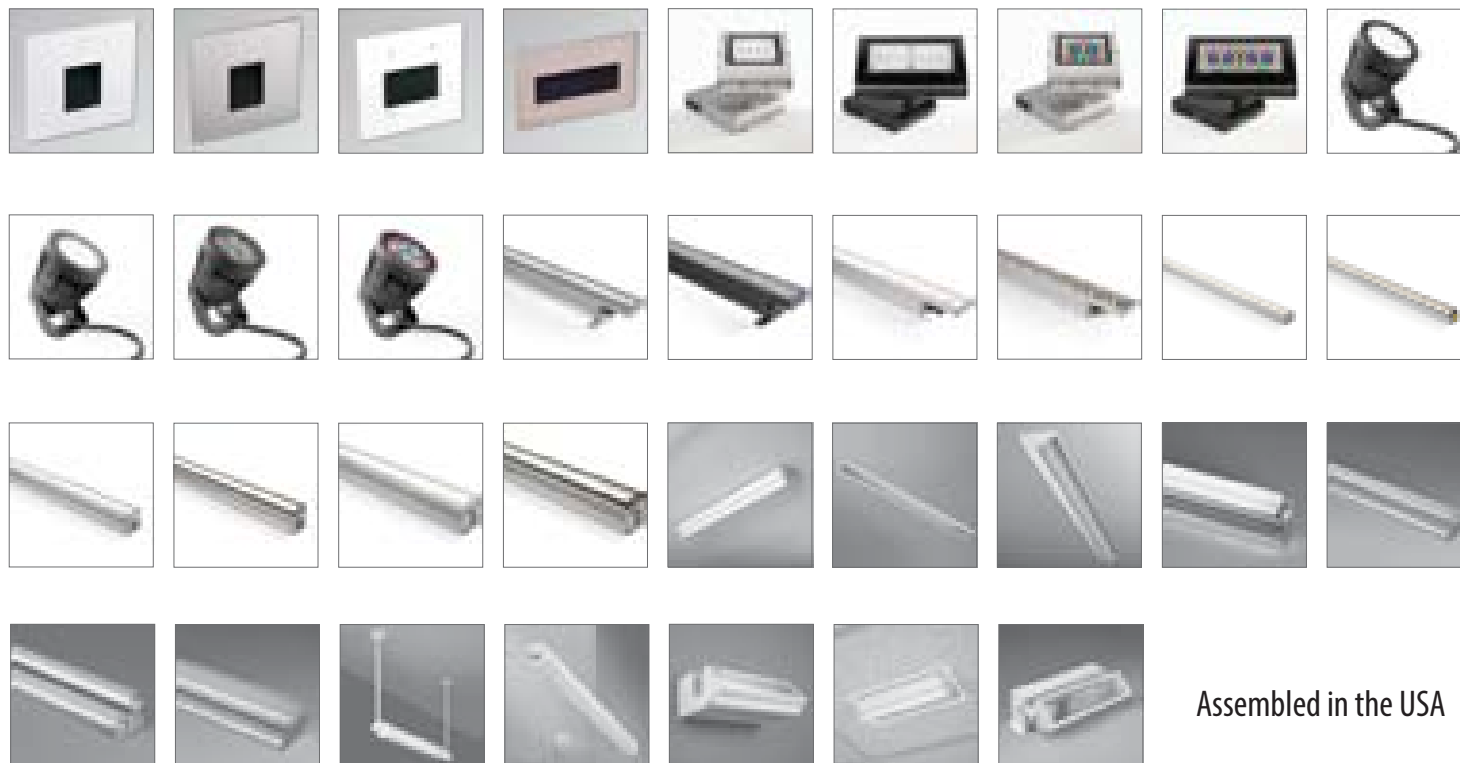
QUICK SHIP

The 10 Day Solution

FORMS Aesthetic Driven Architectural Lighting Systems



LIGHT Luminance and Effects Driven Architectural Lighting Systems

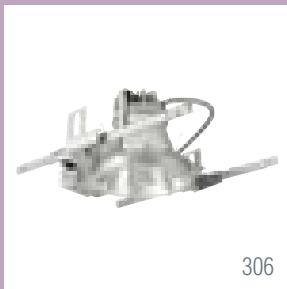


Assembled in the USA



GOTHAM®

Gotham architectural downlighting has an extensive history of delivering quality architectural downlighting while blending harmoniously with the ceiling. With each fixture, Gotham strives for design simplicity and excellent performance. Gotham aims to meet the needs of architects, designers and engineers with quality products that set the highest standards in appearance and uniformity. We remain on the leading edge of lighting design and technology development, researching new optical materials and design techniques to optimize system performance and deliver superior lighting solutions.



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INCITO™ vs EVO®

Which is right for your application?

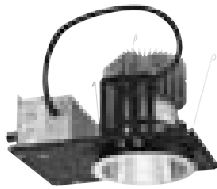
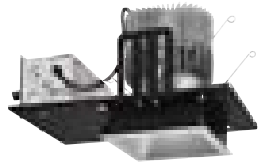

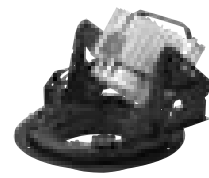
PRECISION ILLUMINATION.

Incito™ Point Source



Gotham Incito™ is ideal for task, directional, accent lighting, and general illumination. Produces sharp contrast with crisp highlights and deep shadows, creating a look comparable to T6, T4 and MR16. Beam quality is similar to a traditional spot. **Go Forward.**

- Precision Illumination
- Self-flanged and flangeless trims
- Lumen Packages up to 6500
- Architectural dimming to less than 1%
- 4" & 6" Apertures

Incito™ LED Luminaires			
			
open round downlight	open square downlight	cylinder	adjustable

color temperature — 2700K | 3000K | 3500K | 4000K

distributions



lumen packages — 500 | 750 | 1000 | 1250 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 | 6500


GENERAL ILLUMINATION .

Evo[®] Diffuse Source



Gotham Evo[®] is ideal for general ambient, wallwash, and decorative illumination. Quality of light is diffuse with soft edges, comparable to CFL or an etched A lamp. Beam quality is similar to a general flood. **Future Ready.**

- General Illumination
- Self-flanged & flangeless trims
- Lumen Packages up to 2900
- Decorative and Special Application Options
- 4", 6" & 8" Apertures

Evo [®] LED Luminaires				
				
open downlight / wallwash	cylinder	open square downlight	vandal resistant	IP65 shower light
				
decorative ring or disk	round lensed wallwash	square lensed wallwash	open retrofit	

color temperature

2700K | 3000K | 3500K | 4100K

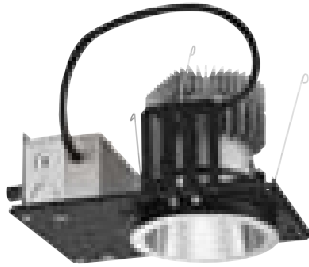
lumen packages

600 | 1000 | 1400 | 1800 | 2000 | 2200 | 2900

distributions



ICO



Intended Use

The Incito LED is ideal for task, directional, accent lighting, and general illumination. Produces sharp contrast with crisp highlights and deep shadows, creating a look comparable to T6, T4 and MR16. Beam quality is similar to a traditional spot.

Features

- Precision optical design with beam angles from 10° to 70°
- Lumen packages ranging from 500 to 6500
- Fully serviceable from above and below

- Dimming to less than 1% using 0-10V, DALI and DMX/RDM dimming drivers
- Available with Sensor Switch nLight control system
- Binned to a 3-step MacAdam Ellipse and centered on ANSI bin
- CRI: 85 typical

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling. ENERGY STAR® Listed.



ORDERING INFORMATION

Specifications subject to change.

Example: ICO 35/65 6AR LD 40D 120 DMXR

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Trim style	Finish	Beam	Voltage
ICO	27/ 2700K	05 500 lumens ¹	4 AR Clear	(blank) Self-flanged	(blank) Semi-specular	10D 10° beam angle ¹	120
	30/ 3000K	07 750 lumens ¹	6 PR Pewter	FL Flangeless	LD Matte-diffuse	15D 15° beam angle ¹	277
	35/ 3500K	10 1000 lumens ¹	WTR Wheat			20D 20° beam angle	347
	40/ 4000K	12 1250 lumens ¹	GR Gold			25D 25° beam angle ²	
		15 1500 lumens ¹	WR White ⁴			30D 30° beam angle	
		20 2000 lumens	BR Black ⁴			35D 35° beam angle ²	
		25 2500 lumens				40D 40° beam angle	
		30 3000 lumens				45D 45° beam angle ²	
		35 3500 lumens ²				50D 50° beam angle ¹	
		40 4000 lumens ²				55D 55° beam angle ²	
		45 4500 lumens ²				60D 60° beam angle ²	
		50 5000 lumens ²				65D 65° beam angle ²	
		55 5500 lumens ²				70D 70° beam angle ²	
		60 6000 lumens ²					
		65 6500 lumens ^{2,3}					

Driver

(blank) 0-10V dimming driver. Minimum dimming level <1%
 DALI DALI dimming driver. Minimum dimming level <1%
 DMXR DMX with RDM (remote device management). Minimum dimming level <1%. Includes termination plug

Options

SF Single fuse
 TRW White painted flange⁵
 TRBL Black painted flange⁶
 ELR Emergency battery pack with remote test switch⁷
 HAO High ambient capability up to 40° C. Fixture height is 10-3/8"²
 BHSG Blacked-out housing
 CP Chicago plenum²
 NEPP Interface for Sensor Switch® nLight® network with integral power supply

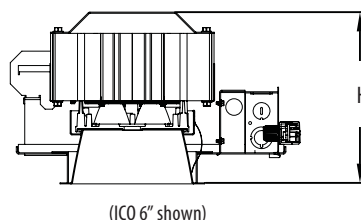
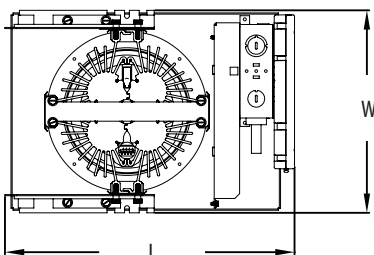
For accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
ICO 4	8 (20.3)	9-3/16 (24.9)	6-7/16 (16.3)	4-5/16 (11)	5-1/8 (13)	5-7/16 (13.8)
ICO 6	8-7/8 (22.5)	15-1/16 (38.2)	10-1/2 (26.7)	6-1/4 (15.8)	6-15/16 (17.6)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Only available in 4" aperture.
- 2 Only available in 6" aperture.
- 3 Only available in 20° through 40°.
- 4 Not available with finishes.
- 5 Not available with white reflector.
- 6 Not available with black reflector.
- 7 Not available with CP option.
- 8 Refer to specification sheets for additional dimension information.

Intended Use

The Incito LED is ideal for task, directional, accent lighting, and general illumination. Produces sharp contrast with crisp highlights and deep shadows, creating a look comparable to T6, T4 and MR16. Beam quality is similar to a traditional spot.

Features

- Precision optical design with beam angles from 10° to 70°
- Lumen packages ranging from 500 to 6500
- Fully serviceable from above and below
- Dimming to less than 1% using 0-10V, DALI and DMX/RDM dimming drivers



- Available with Sensor Switch nLight control system
- Binned to a 3-step MacAdam Ellipse and centered on ANSI bin
- Self-flanged matte-diffuse high-impact polymer finishing trim with a durable, proprietary, vapor deposition finish
- Patent pending rough-in design allows up to 5 degrees of rotation allowing post-installation adjustments to ensure consistent trim-to-trim alignment

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling. ENERGY STAR® Listed.

ICO SQ

**ORDERING INFORMATION**

Specifications subject to change.

Example: ICO SQ 35/30 6AR 20D 120

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Trim style	Finish	Beam	Voltage
ICO SQ	27/ 2700K	05 500 lumens ¹	4 AR Clear	(blank) Semi-flanged	(blank) Semi-specular	10D 10° beam angle ¹	120
	30/ 3000K	07 750 lumens ¹	6 PR Pewter	FL Flangeless	LD Matte-diffuse	15D 15° beam angle ¹	277
	35/ 3500K	10 1000 lumens ¹	WTR Wheat			20D 20° beam angle ¹	347
	40/ 4000K	12 1250 lumens ¹	WR White ⁴			25D 25° beam angle ²	
		15 1500 lumens ¹	BR Black ⁴			30D 30° beam angle	
		20 2000 lumens ¹				35D 35° beam angle ²	
		25 2500 lumens				40D 40° beam angle	
		30 3000 lumens				45D 45° beam angle ²	
		35 3500 lumens ²				50D 50° beam angle ¹	
		40 4000 lumens ²				55D 45° beam angle ²	
		45 4500 lumens ²				60D 60° beam angle ²	
		50 5000 lumens ²				65D 65° beam angle ²	
		55 5500 lumens ²				70D 70° beam angle ²	
		60 6000 lumens ²					
		65 6500 lumens ^{2,3}					

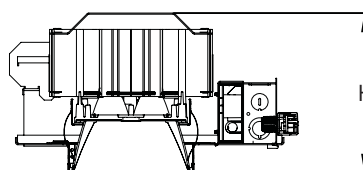
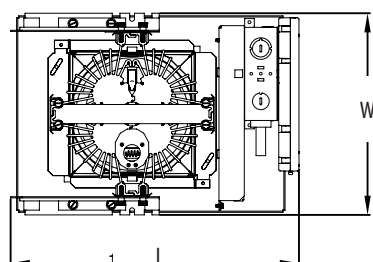
Driver	Options
(blank) 0-10V dimming driver. Minimum dimming level <1%	SF Single fuse
DALIR DALI dimming driver. Minimum dimming level <1%	TRW White painted flange ⁵
DMXR DMX with RDM (remote device management). Minimum dimming level <1%. Includes termination plug	TRBL Black painted flange ⁶
	ELR Emergency battery pack with remote test switch ⁷
	CP Chicago plenum ²
	HAO High ambient capability up to 40° C. Fixture height is 10-3/8"
	BHSG Blacked-out housing
	NEPP Interface for Sensor Switch® nLight® network with integral power supply
	For accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
ICO SQ 4	7-15/16 (20.2)	11-3/16 (29.9)	7 (17.8)	4-1/2 x 4-1/2 (11.4 x 11.4)	5-1/8 x 5-1/8 (13 x 13)	5-7/16 x 5-7/16 (14 x 14)
ICO SQ 6	8-15/16 (21.2)	15-1/16 (38.2)	10-1/2 (26.7)	6-1/8 x 6-1/8 (15.6 x 15.6)	6-9/16 x 6-9/16 (16.7 x 16.7)	7-3/16 x 7-3/16 (18.3 x 18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

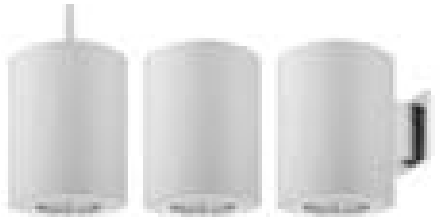


(ICO SQ 6" shown)

Notes

- 1 Only available in 4" aperture.
- 2 Only available in 6" aperture.
- 3 Only available in 20° through 40° beam angles.
- 4 Not available with finishes.
- 5 Not available with white reflector.
- 6 Not available with black reflector.
- 7 Not available with CP option.
- 8 Refer to specification sheets for additional dimensional information.

ICO CYL



Intended Use

The Incito LED cylinder series is ideal for task, directional, accent lighting, and general illumination. Produces sharp contrast with crisp highlights and deep shadows, creating a look comparable to T6, T4 and MR16. Beam quality is similar to a traditional spot.

Features

- Precision optical design with beam angles from 10° to 70°
- Lumen packages ranging from 500 to 6500
- Dimming to less than 1% using 0-10V, DALI and DMX/RDM dimming drivers
- Available with Sensor Switch nLight control system

- Binned to a 3-step MacAdam Ellipse and centered on ANSI bin
- Heavy-gauge aluminum housing, rolled and seam-welded with no visible seam
- Ceiling mount, wall mount, pendant mount or aircraft cable & cord available

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards. Wall mount suitable for wet locations. Ceiling and pendant mount suitable for wet locations, covered ceiling. ENERGY STAR® Listed.



ORDERING INFORMATION

Specifications subject to change.

Example: ICO CYL 35/30 6AR 30D FCM DWHG

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Finish	Beam	Voltage
ICO CYL	27/ 2700K	05 500 lumens ¹	4 AR Clear	(blank) Semi-specular	10D 10° beam angle ¹	MVOLT
	30/ 3000K	07 750 lumens ¹	6 PR Pewter	LD Matte-diffuse	15D 15° beam angle ¹	120
	35/ 3500K	10 1000 lumens ¹	WTR Wheat		20D 20° beam angle	277
	40/ 4000K	12 1250 lumens ¹	GR Gold		25D 25° beam angle ²	
		15 1500 lumens ¹	WR White		30D 30° beam angle	
		20 2000 lumens	BR Black		35D 35° beam angle ²	
		25 2500 lumens			40D 40° beam angle	
		30 3000 lumens			45D 45° beam angle ²	
		35 3500 lumens ²			50D 50° beam angle ¹	
		40 4000 lumens ²			55D 45° beam angle ²	
		45 4500 lumens ²			60D 60° beam angle ²	
		50 5000 lumens ²			65D 65° beam angle ²	
		55 5500 lumens ²			70D 70° beam angle ²	
		60 6000 lumens ²				
		65 6500 lumens ^{2,3}				

Driver	Mounting	Options
(blank) 0-10V dimming driver. Minimum dimming level <1%	FCM Ceiling mount	NEPP Interface for Sensor Switch* nLight™ network with integral power supply*
DALIR DALI dimming driver. Minimum dimming level <1%	WM Wall mount	
DMXR DMX with RDM (remote device management). Minimum dimming level <1%. Includes termination plug	PM Pendant 3/8" thread mount	
	ACC Aircraft cable and cord mount	
		Architectural Colors- Powder Paint
		DWGH Matte white (standard)
		DDB Dark bronze
		DBL Black
		DWH Gloss white
		DMB Medium bronze
		DNA Natural aluminum
		DSS Sandstone
		DGC Charcoal grey
		DTC Tennis green
		DBR Bright red
		DSB Steel blue

For accessories, see pages 419-425.

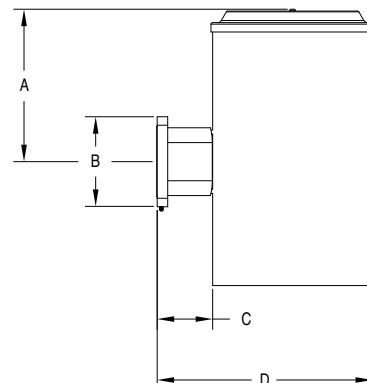
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

4" ICO CYL							
MOUNTING	REFLECTOR APERTURE	HOUSING DIAMETER	HEIGHT	A	B	C	D
Pendant	4-5/16 (11)	6-3/8 (16.2)	10 (25.4)				
Ceiling/Surface	4-5/16 (11)	6-3/8 (16.2)	10 (25.4)				
Wall	4-5/16 (11)	6-3/8 (16.2)	10 (25.4)	5 (12.7)	5-1/4 (13.3)	3 (7.6)	9-1/2 (24.1)

6" ICO CYL							
MOUNTING	REFLECTOR APERTURE	HOUSING DIAMETER	HEIGHT	A	B	C	D
Pendant	6-1/4 (15.9)	10-1/12 (25.6)	16-1/16 (40.8)				
Ceiling/Surface	6-1/4 (15.9)	10-1/12 (25.6)	19-1/12 (48.5)				
Wall	6-1/4 (15.9)	10-1/12 (25.6)	16-1/16 (40.8)	9-3/4 (24.8)	5-1/3 (13.5)	3-1/4 (8.3)	13-3/4 (34.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Intended Use

The Incito LED adjustable series is ideal for task, directional, accent lighting, and general illumination. Produces sharp contrast with crisp highlights and deep shadows, creating a look comparable to T6, T4 and MR16. Beam quality is similar to a traditional spot.

Features

- Precision optical design with beam angles from 20° to 70° in 5° increments
- Lumen packages ranging from 1000 to 6000 in 500 lumen increments

- Fully serviceable from above and below
- Dimming to less than 1% using 0-10V, DALI and DMX/RDM dimming drivers
- Available with Sensor Switch nLight control system
- Binned to a 3-step MacAdam Ellipse and centered on ANSI bin
- Self-locking, continuous vertical tilt from 0°-40°
- Free and fine-tuning horizontal rotation

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling.

ICO ADJ



Example: ICO ADJ 30/30 6ACT00 30D 120

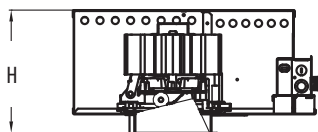
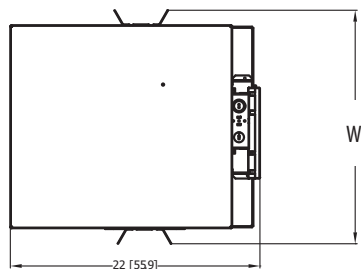
ORDERING INFORMATION		Specifications subject to change.												Example: ICO ADJ 30/30 6ACT00 30D 12					
Series		Color temperature		Nominal lumen values		Aperture / Trim color			Type		Finish		Beam		Voltage				
ICO ADJ	Round adjustable	27/	2700K	10	1000 lumens ¹	4	AC	Clear	T00	Cut for angles 0°-20°	(blank)	Semi- specular	10D	10° beam angle ¹	120				
ICO SQADJ	Square adjustable	30/	3000K	15	1500 lumens ¹	6	PC	Pewter	T20	Cut for angles 20°-40° ⁴	LD	Matte- diffuse	15D	15° beam angle ¹	277				
		35/	3500K	20	2000 lumens		WTC	Wheat					20D	20° beam angle	347				
		40/	4000K	25	2500 lumens ²		GC	Gold					25D	25° beam angle ²					
				30	3000 lumens ²		WC	White ³					30D	30° beam angle					
				35	3500 lumens ²		BC	Black ³					35D	35° beam angle ²					
				40	4000 lumens ²								40D	40° beam angle					
				45	4500 lumens ²								45D	45° beam angle ²					
				50	5000 lumens ²								50D	50° beam angle ¹					
				55	5500 lumens ²				55D	55° beam angle ²									
				60	6000 lumens ²				60D	60° beam angle ²									
									65D	65° beam angle ²									
									70D	70° beam angle ²									
Driver									Options										
(blank)	0-10V dimming driver. Minimum dimming level <1%								SF	Single fuse		For accessories, see pages 419-425.							
DALIR	DALI dimming driver. Minimum dimming level <1%								TRW	White painted flange ⁵									
DMXR	DMX with RDM (remote device management). Minimum dimming level <1%. Includes termination plug								TRBL	Black painted flange ⁶									
									ELR	Emergency battery pack with remote test switch ⁷									
									BHSG	Blacked-out housing									
									NEPP	Interface for Sensor Switch® nLight® network with integral power supply									

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

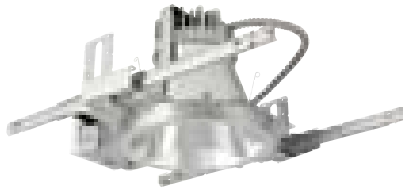
SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
ICO ADJ 4	8-7/8 (22.5)	12-7/8 (32.7)	15-1/2 (39.4)	4-5/16 (11)	5-1/8 (13)	5-7/16 (13.8)
ICO ADJ 6	10 7/8 (27.6)	22 (55.9)	20-9/16 (52.2)	6-1/4 (15.8)	6-15/16 (17.6)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Only available in 4" aperture.
- Only available in 6" aperture.
- Not available with finishes.
- Only available with round adjustable.
- Not available with white reflector.
- Not available with black reflector.
- Top access required.

EVO EVO WW



Intended Use

Gotham Evo is ideal for general ambient, wallwash, and decorative illumination. Quality of light is diffuse with soft edges, comparable to CFL or an etched A lamp. Beam quality is similar to a general flood.

Features

- Advanced, solid state (mercury-free) components efficiently deliver lumens at levels comparable to CFL fixtures
- High performance patented Bounding Ray® optics deliver optimal light control

- Multiple lumen packages and aperture sizes provide exceptional uniformity and energy savings in design choices
- 70% lumen maintenance at 60,000 hours
- Fully servicable and upgradeable lensed light engine
- 0-10V dimming standard
- Available with Sensor Switch nLight control system

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling. ENERGY STAR® Listed.



ORDERING INFORMATION

Specifications subject to change.

Example: EVO 35/18 6AR MVOLT

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Trim style	Distribution	Finish	Voltage
EVO	27/ 2700K	06 600 lumens ¹	4 AR Clear	(blank) Self-flanged	(blank) 1.0 s/mh ⁷	(blank) Semi-specular	MVOLT ⁸
EVO WW	30/ 3000K	10 1000 lumens ²	6 PR Pewter	FL Flangeless ⁶	VND Very narrow (0.43 s/mh) ^{3,7}	LD Matte-diffuse	120
	35/ 3500K	14 1400 lumens ²	8 WTR Wheat		ND Narrow (0.52 s/mh) ^{3,7}		277
	41/ 4100K	18 1800 lumens	GR Gold		MD Medium (0.80 s/mh) ⁷		347
		20 2000 lumens	WR White ⁵		WD Wide (1.1 s/mh) ⁷		
		22 2200 lumens ³	BR Black ⁵				
		29 2900 lumens ⁴					

Driver

- (blank) 0-10V dimming driver. Minimum dimming level 10%
 ECOS2 Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only
 ECOS3 Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%

Options

- SF Single fuse
 TRW White painted flange⁹
 TRBL Black painted flange¹⁰
 EL Emergency battery pack with integral test switch^{11,12}
 ELR Emergency battery pack with remote test switch^{11,12}
 CP Chicago plenum
 BGTD Bodine generator transfer device
 NEPP Interface for Sensor Switch® nLight® network with integral power supply¹³

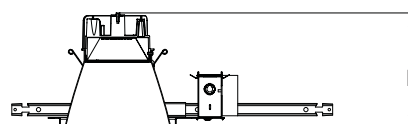
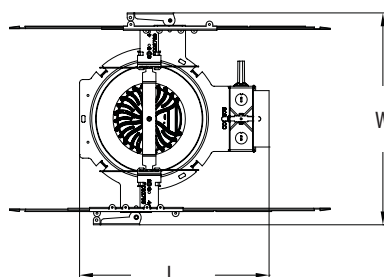
For accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
EVO/EVO WW 4	6-7/16 (16.4)	14-3/16 (36.0)	15-7/8 (40.3)	4-15/16 (11)	5-1/8 (13)	5-7/16 (13.8)
EVO/EVO WW 6	7-9/16 (19.2)	15-1/16 (38.3)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
EVO/EVO WW 8	8-5/8 (21.9)	14-3/16 (36.0)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (21.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Only available in 4" aperture.
- Not available in 8" aperture.
- Only available in 6" and 8" aperture.
- Only available in 8" aperture.
- Not available with finishes.
- Not available with EVO WW.
- Not available with EVO WW.
- Only available in 6" aperture.
- Not available with white reflector.
- Not available with black reflector.
- Not available with CP.
- Must specify 120V or 277V.
- Not available with ECOS2 or ECOS3.

Intended Use

Gotham Evo is ideal for general ambient, wallwash, and decorative illumination. Quality of light is diffuse with soft edges, comparable to CFL or an etched A lamp. Beam quality is similar to a general flood.

Features

- Advanced, solid-state (mercury-free) components efficiently deliver lumens at levels comparable to CFL fixtures
- High-performance patented Bounding Ray® optics deliver optimal light control
- Fully serviceable and upgradeable lensed light engine



- 70% lumen maintenance at 60,000 hours
- 0-10V dimming standard
- Available with Sensor Switch nLight control system
- Self-flanged matte-diffuse high-impact polymer finishing trim with a durable, proprietary, vapor deposition finish
- Patent pending rough-in design allows up to 5 degrees of rotation allowing post-installation adjustments to ensure consistent trim-to-trim alignment

Listings

Fixtures are CSA certified to meet U.S. and Canadian standards; wet location, covered ceiling. ENERGY STAR® Listed.

EVO SQ

**ORDERING INFORMATION**

Specifications subject to change.

Example: EVO SQ 35/18 6AR 120

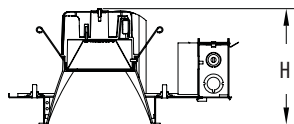
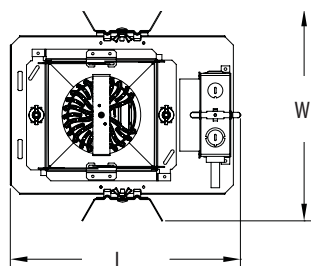
Series	Color temperature	Nominal lumen values	Aperture / Trim color	Trim style	Finish	Voltage
EVO SQ	27/ 2700K	06 600 lumens	4 AR Clear	(blank) Self-flanged	(blank) Semi-specular	120
	30/ 3000K	10 1000 lumens	6 PR Pewter	FL Flangeless	LD Matte-diffuse	277
	35/ 3500K	14 1400 lumens	WTR Wheat			347
	41/ 4100K	18 1800 lumens	GR Gold			
		20 2000 lumens	WR White ²			
		22 2200 lumens ¹	BR Black ²			
Driver			Options			
(blank)	0-10V dimming driver. Minimum dimming level 10%		SF	Single fuse	For accessories, see pages 419-425.	
ECOS2	Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only		TRW	White painted flange ³		
ECOS3	Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%		TRBL	Black painted flange ⁴		
			EL	Emergency battery pack with integral test switch ^{5,6}		
			ELR	Emergency battery pack with remote test switch ^{5,6}		
			CP	Chicago plenum		
			NEPP	Interface for Sensor Switch® nLight® network with integral power supply ⁷		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

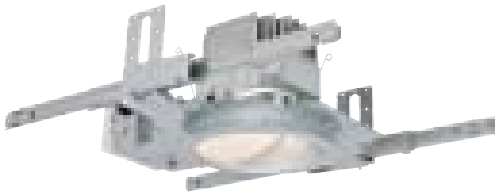
SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
EVO SQ 4	6-5/8 (16.9)	12-7/16 (31.6)	15-7/8 (40.3)	11-3/8 (28.9)	5-1/8 (13)	5-1/2 (14)
EVO SQ 6	6-3/4 (17.2)	13-7/16 (34.2)	12-3/8 (31.4)	6 (15.24)	6-5/8 (16.8)	7 (17.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Only available in 6" aperture.
- Not available with finishes.
- Not available with white reflector.
- Not available with black reflector.
- Must specify 120V or 277V.
- Not available with CP.
- Not available with ECOS2 or ECOS3.

EVO LW



Intended Use

High-performance solid-state recessed luminaire for general wallwash applications. Gotham's solid-state wallwash luminaires provide uniform vertical illumination and low aperture brightness.

Features

- Advanced, solid state (mercury-free) components efficiently deliver lumens at levels comparable to CFL fixtures
- High performance patented Bounding Ray® optics deliver optimal light control

- 70% lumen maintenance at 60,000 hours
- Fully serviceable and upgradeable lensed light engine
- Multiple lumen packages and aperture sizes provide exceptional uniformity and energy savings in design choices
- 0-10V dimming standard
- Available with Sensor Switch nLight control system

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling.

ORDERING INFORMATION

Specifications subject to change.

Example: EVO LW 35/18 6AR 120

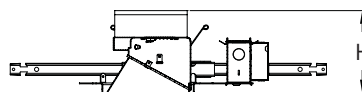
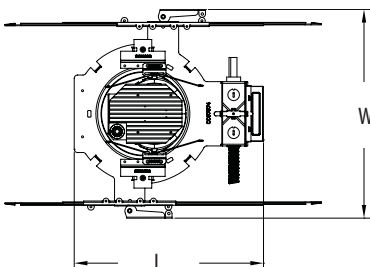
Series	Color temperature	Nominal lumen values	Aperture / Trim color	Finish	Voltage
EVO LW	27/ 2700K	10 1000 lumens	4 AR Clear	(blank) Semi-specular	120
	30/ 3000K	14 1400 lumens	6 PR Pewter	LD Matte-diffuse	277
	35/ 3500K	18 1800 lumens	WTR Wheat		347
	41/ 4100K	20 2000 lumens ¹	GR Gold		
		22 2200 lumens ²	WR White ³		
Driver		Options			
(blank)	0-10V dimming driver. Minimum dimming level 10%	SF	Single fuse	For accessories, see pages 419-425.	
ECOS2	Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only	TRW	White painted flange ⁴		
		TRBL	Black painted flange		
ECOS3	Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%	ELR	Emergency battery pack with remote test switch ⁵		
		CP	Chicago plenum ⁶		
		NEPP	Interface for Sensor Switch® nLight® network with integral power supply ⁷		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
EVO LW 4	5-3/8 (13.7)	14-3/8 (36.4)	15-13/16 (40.2)	4-5/16 (11.0)	5-1/8 (13.0)	5-7/16 (13.8)
EVO LW 6	6-1/4 (15.9)	14-3/8 (36.5)	15-13/16 (40.2)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Only available in 4" aperture.
- 2 Only available in 6" aperture.
- 3 Not available with finishes.
- 4 Not available with white reflector.
- 5 Must specify 120V or 277V.
- 6 Not available with ELR.
- 7 Not available with ECOS2 or ECOS3.

Intended Use

Pendant, surface and wall-mounted LED cylinders provide general illumination with superior brightness control. Wall-mounted products suitable for exterior applications. Surface and pendant-mount products suitable for covered exterior applications.

Features

- High performance Bounding Ray® optics and premium components deliver optimal light control
- 70% lumen maintenance at 60,000 hours

- Fully serviceable and upgradeable lensed light engine
- Removable pre-wired LED driver delivers superior performance
- Heavy-gauge aluminum housing, rolled and seam-welded with no visible seam
- Ceiling mount, wall mount or pendant mount available

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling.

EVO CYL**ORDERING INFORMATION**

Specifications subject to change.

Example: EVO CYL 35/18 6AR MVOLT FCM DWGH

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Distribution	Finish	Voltage
EVO CYL	27/ 2700K	10 1000 lumens	6 AR Clear	(blank) 1.0 s/mh	(blank) Semi-specular	MVOLT
	30/ 3000K	14 1400 lumens	8 PR Pewter	VND Very narrow (0.43 s/mh)	LD Matte-diffuse	120
	35/ 3500K	18 1800 lumens	WTR Wheat	ND Narrow (0.52 s/mh)		277
	41/ 4100K	22 2200 lumens	GR Gold	MD Medium (0.80 s/mh)		
		29 2900 lumens ¹	WR White ²	WD Wide (1.1 s/mh)		
Driver			Mounting		Options	
(blank)	0-10V dimming driver. Minimum dimming level 10%		FCM	Ceiling mount	SF Single fuse	For accessories, see pages 419-425.
ECOS2	Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only ³		WM	Wall mount	<u>Architectural Colors- Powder Paint</u>	
ECOS3	Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1% ³		PM	Pendant 3/8" thread mount	DWGH Matte white (standard)	
			ACC	Aircraft cable and cord mount ⁴	DDB Dark bronze	
					DBL Black	
					DWH Gloss white	
					DMB Medium bronze	
					DNA Natural aluminum	
					DSS Sandstone	
					DGC Charcoal grey	
					DTC Tennis green	
					DBR Bright red	
DSB Steel blue						

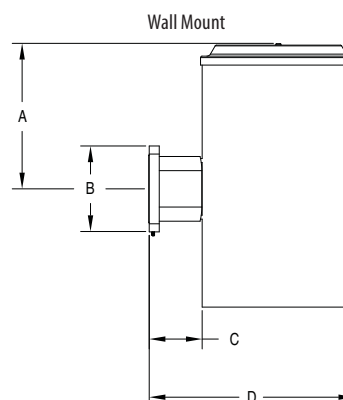
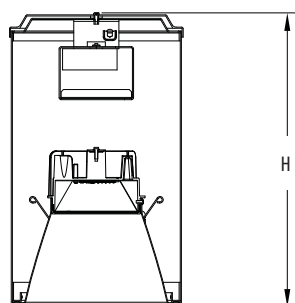
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

CEILING/PENDANT			
	HEIGHT	APERTURE	DIAMETER
6" Aperture	15-13/16 (40.1)	6-14 (15.9)	7-5/8 (19.4)
8" Aperture	16-5/16 (41.4)	8 (20.3)	9-1/4 (23.5)

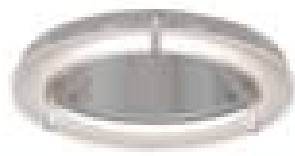
WALL MOUNT				
	A	B	C	D
6" Aperture	7-3/4 (19.7)	5-5/16 (13.5)	3-1/4 (8.3)	10-7/8 (27.6)
8" Aperture	8 (20.3)	5-5/16 (13.5)	3-1/4 (8.3)	12-5/8 (32.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Only available in 8" aperture.
- 2 Not available with finishes.
- 3 2200 lumen max.
- 4 10' aircraft cable.

EVO DECO



Ring



Disk



Intended Use

High-performance solid-state recessed luminaire that blends quality of light with solid-state illumination. Gotham's solid-state fixtures satisfy a wide range of needs in commercial and architectural applications

Features

- Advanced, solid state (mercury-free) components efficiently deliver lumens at levels comparable to CFL fixtures
- High performance patented Bounding Ray® optics deliver optimal light control

- Multiple lumen packages and aperture sizes provide exceptional uniformity and energy savings in design choices
- 70% lumen maintenance at 60,00 hours
- Fully servicable and upgradeable lensed light engine
- 0-10V dimming standard
- Available with Sensor Switch nLight control system

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling.

ORDERING INFORMATION

Specifications subject to change.

Example: EVO 35/18 6AR DLD MVOLT

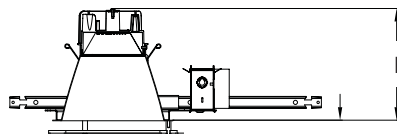
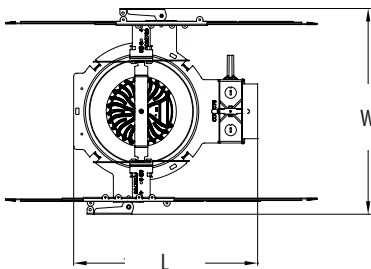
Series	Color temperature	Nominal lumen values	Aperture / Trim color	Decorative element	Finish	Voltage
EVO	27/ 2700K	10 1000 lumens ¹	6 AR Clear	DLR Drop luminous ring	(blank) Semi-specular	MVOLT ¹
	30/ 3000K	14 14000 lumens ¹	8 PR Pewter	DLD Drop luminous disk	LD Matte-diffuse	120
	35/ 3500K	18 1800 lumens	WTR Wheat		LS Specular	277
	41/ 4100K	22 2200 lumens	GR Gold			347
		29 2900 lumens ²	WR White ³			
Driver		Options				
(blank)	0-10V dimming driver. Minimum dimming level 10%	SF	Single fuse	For accessories, see pages 419-425.		
ECOS2	Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only	TRW	White painted flange ⁴			
		TRBL	Black painted flange			
ECOS3	Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%	ELR	Emergency battery pack with remote test switch			
		CP	Chicago plenum ⁵			
		BGTD	Bodine generator transfer device			
		NEPP	Interface for Sensor Switch® nLight® network with integral power supply ⁶			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
EVO DECO 6	7-9/16 (19.1)	15-1/16 (38.3)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
EVO DECO 8	8-5/8 (21.9)	14-3/16 (36.0)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (21.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Only available in 6" aperture.
- Only available in 8" aperture.
- Not available with finishes.
- Not available with white reflector.
- Not available with ELR.
- Not available with ECOS2 or ECOS3.

Intended Use

High-performance solid-state recessed luminaire that blends quality of light with solid-state illumination. Gotham's solid-state fixtures satisfy a wide range of needs in commercial and architectural applications.

Features

- Advanced, solid state (mercury-free) components efficiently deliver lumens at levels comparable to CFL fixtures
- High performance patented Bounding Ray® optics deliver optimal light control and energy efficiency
- 70% lumen maintenance at 60,000 hours

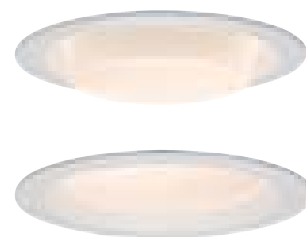
- Fully serviceable and upgradeable lensed light engine
- 0-10V dimming standard
- Available with Sensor Switch nLight™ control system
- Convenient retrofit kit allows for simplified renovation process, without removal from the ceiling
- Fully functional, integrated family includes recessed downlights and wallwash lighting

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling. IP65 rated; suitable for steam room applications.

EVO SHOWER

Non-Conductive Shower Light

**ORDERING INFORMATION**

Specifications subject to change.

Example: EVO 35/18 6DFR MVOLT

Series	Color temperature	Nominal lumen values	Aperture	Trim style	Voltage	Driver
EVO	27/ 2700K	10 1000 lumens ¹	6	DFR Dead (non conductive) front regressed	MVOLT ¹	(blank) 0-10V dimming driver. Minimum dimming level 10%
	30/ 3000K	14 14000 lumens ¹	8	DRD Dead (non conductive) front drop	120	ECOS2 Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only
	35/ 3500K	18 1800 lumens			277	ECOS3 Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%
	41/ 4100K	22 2200 lumens			347	
		29 2900 lumens ²				

Options

SF	Single fuse
ELR	Emergency battery pack with remote test switch ³
CP	Chicago plenum
BGTD	Bodine generator transfer device ¹
NEPP	Interface for Sensor Switch® nLight® network with integral power supply ⁴

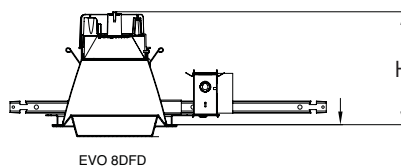
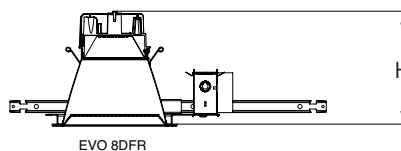
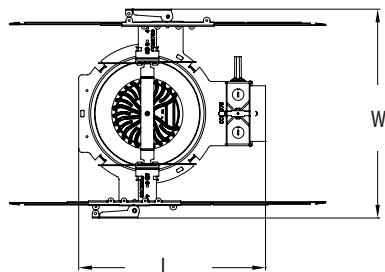
For accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
EVO SHOWER 6	7-1/2 (19.1)	15-1/16 (38.3)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
EVO SHOWER 8	8-9/16 (21.8)	14-3/16 (36.0)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (21.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Only available in 6" aperture.
- Only available in 8" aperture.
- Not available with CP.
- Not available with ECOS2 or ECOS3.

EVO VR



Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. High-performance solid-state recessed luminaire that blends quality of light with solid-state illumination.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling

- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- High-performance Bounding Ray® optics deliver optimal light control

Listings

Fixtures are UL Listed; wet location, covered ceiling. Complies with U.S. and Canadian standards. IP55 rating (below the mounting surface) standard; IP65 rating possible with the use of silicone. Refer to TECH-200 for ingress protection ratings.

ORDERING INFORMATION

Specifications subject to change.

Example: EVO VR 35/18 6AR CGL MVOLT DWGH

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Finish	Lens type	Voltage
EVO VR	27/ 2700K	10 1000 lumens ¹	6 AR Clear	(blank) Semi-specular	CGL 1/8" clear glass lens	MVOLT ¹
	30/ 3000K	14 1400 lumens ¹	8 PR Pewter	LD Matte-diffuse	T73 3/16" tempered prismatic glass lens	120
	35/ 3500K	18 1800 lumens	WTR Wheat	LS Specular	FOL 1/8" tempered flush opal glass lens	277
	41/ 4100K	22 2200 lumens	GR Gold		CVX 3/16" clear convex glass lens	347
		29 2900 lumens ²	WR White		PCL 3/16" clear polycarbonate lenses ³	
					PPC 1/8" prismatic polycarbonate lenses ³	

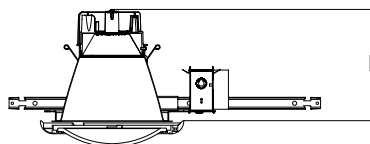
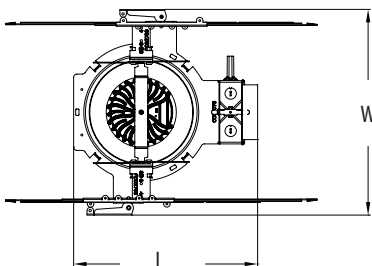
Driver	Options	
(blank) 0-10V dimming driver. Minimum dimming level 10%	SF Single fuse	Architectural Colors- Powder Paint DWGH Matte white (standard) DDB Dark bronze DBL Black DWH Gloss white DMB Medium bronze DNA Natural aluminum Architectural Colors- Plating PWR Pewter SCH Satin chrome ORB Oil-rubbed chrome For accessories, see pages 419-425.
ECOS2 Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only ⁴	ELR Emergency battery pack with remote test switch ⁵	
ECOS3 Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1% ⁴	CP Chicago plenum ⁶	
	TRBL Black painted flange	
	WG Zinc-plated wire guard	
	PCU 3/16" clear polycarbonate lens underlay (roomside) ⁷	
	BGTD Bodine generator transfer device	
	NEPP Interface for Sensor Switch® nLight® network with integral power supply	

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING
EVO VR 6	7-9/16 (19.2)	15-1/16 (38.3)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)
EVO VR 8	8-9/16 (21.8)	14-3/16 (36.0)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (21.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Only available in 6" aperture.
- 2 Only available in 8" aperture.
- 3 Provided standard with clear polycarbonate underlay (2 lenses total).
- 4 Not available with NEPP.
- 5 Must specify 120V or 277V.
- 6 Not available with ELR.
- 7 Not available with CVX, PCL, or PPC lens.

Intended Use

High performance solid-state recessed luminaire that blends quality of light with solid state illumination. Gotham's solid state fixtures satisfy a wide range of needs in commercial and architectural applications for new construction and renovation opportunities.

Features

- Advanced, solid state (mercury-free) components efficiently deliver lumens at levels comparable to CFL fixtures
- Compatible with Gotham mounting frames

- High performance patented Bounding Ray® optics and premium components deliver optimal light control
- 0-10V dimming standard
- Available with Sensor Switch nLight™ control system
- Convenient retrofit kit allows for simplified renovation process, without removal from the ceiling

Listings

Fixtures are CSA Certified to meet U.S. and Canadian standards; wet location, covered ceiling.

EVO R**ORDERING INFORMATION**

Specifications subject to change.

Example: EVO R 35/18 6AR MVOLT

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Trim type	Distribution	Finish
EVO R	27/ 2700K	06 600 lumens ¹	4 AR Clear	(blank) Downlight	(blank) Standard (1.0 s/mh)	(blank) Semi-specular
	30/ 3000K	10 1000 lumens	6 PR Pewter	W Wallwash	VND Very narrow ⁴	LD Matte-diffuse
	35/ 3500K	14 1400 lumens ²	8 WTR Wheat		ND Narrow ⁴	
	41/ 4100K	18 1800 lumens	GR Gold		MD Medium	
		20 2000 lumens ¹	WR White		WD Wide	
		22 2200 lumens				
		29 2900 lumens ³				

Voltage	Driver	Options
MVOLT	(blank) 0-10V dimming driver. Minimum dimming level 10%	SF Single fuse
120	ECOS2 Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%, 120V only ⁵	TRW White painted flange
277	ECOS3 Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1% ⁵	TRBL Black painted flange
347		EL Emergency battery pack with integral test switch
		ELR Emergency battery pack with remote test switch
		NEPP Interface for Sensor Switch® nLight® network with integral power supply

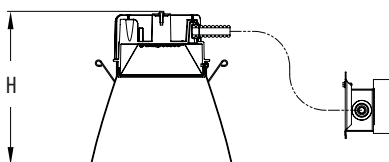
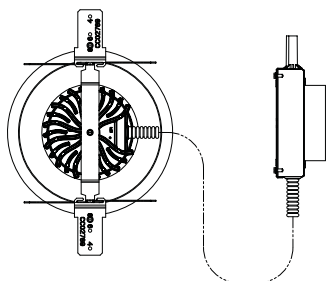
For accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	CEILING OPENING	OVERLAP TRIM
EVO R 4	6-7/16 (16.4)	4-5/16 (11)	5-1/8 (13)	5-7/16 (13.8)
EVO R 6	7-1/2 (19.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-3/4 (19.6)
EVO R 8	8-5/8 (21.9)	7-7/8 (20.1)	8-7/8 (21.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Only available in 4" aperture.
- Only available in 4" and 6" aperture.
- Only available in 8" aperture.
- Only available in 6" and 8" aperture.
- Not available with NEPP option.

ECSR

ECOS™



Intended Use

Recessed LED luminaire that satisfies a wide range of needs in commercial and architectural applications such as office, educational and retail environments.

Features

- 16-gauge galvanized steel mounting plaster frame with thru-wire junction box
- Mounting bars provided with continuous 4" vertical adjustment
- Post-installation adjustment possible from above or below ceiling without the use of tools
- Light engine and driver are accessible from above or below ceiling

- Patented optical design provides source before source image and smooth transition from top of reflector to bottom
- Solid state LED light engine available in 3500K and 4100K color temperatures
- Rated system life of 50,000 hours at 70% output

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050).

ORDERING INFORMATION

Specifications subject to change.

Example: ECSR 35/10 4AR LD 120

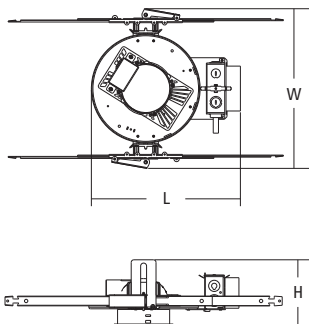
Series	Color temperature/Nominal lumen output		Aperture / Trim			Finish	Voltage	Driver	Options	
ECSR	Color temperature	Nominal lumen output	4	AR	Clear	(blank)	Semi-specular	120	(blank) 0-10V dimming driver	For options and accessories, see pages 419-425.
	35/	10 1000 lumens ¹	6	PR	Pewter	LD	Matte-diffuse	277		
	41/	14 1400 lumens ²		WTR	Wheat			347 ⁴		
				GR	Gold					
				WR	White painted ³					
				MB	Black baffle ³					
				WB	White baffle ³					

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
ECSR 4	6-1/16 (15.4)	14-3/16 (36.0)	15-1/4 (38.7)	4-3/8 (11.1)	5-1/16 (12.9)	5-7/16 (13.8)
ECSR 6	6-1/16 (15.4)	14-3/16 (36.0)	15-1/4 (38.7)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available in 4" aperture only.
- 2 Available in 6" aperture only.
- 3 Not available with finishes.
- 4 Height of fixture increases 3".

Intended Use

Recessed LED luminaire that satisfies a wide range of needs in commercial and architectural applications such as office, educational and retail environments.

Features

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment
- Post-installation adjustment possible from above or below ceiling without the use of tools
- Light engine and driver are accessible from above or below the ceiling
- Patented optical design provides source before source image and smooth transition from top of reflector to bottom

- Outer kicker reflector with inner reflector provides uniform wallwash performance from ceiling to floor and fixture to fixture
- Solid state LED light engine available in 3500K and 4100K color temperatures
- Rated system life of 50,000 hours of 70% output

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050).

ECSRW

ECOS™

**ORDERING INFORMATION**

Specifications subject to change.

Example: ECSRW 35/10 4AR LD 120

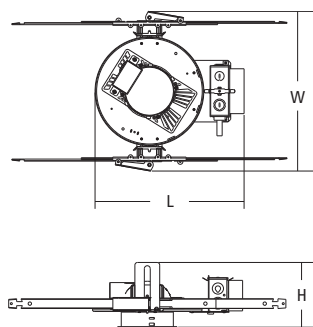
Series	Color temperature/Nominal lumen output		Aperture / Trim			Finish	Voltage	Driver	Options
ECSRW	Color temperature	Nominal lumen output	4	AR	Clear	(blank) Semi-specular	120	(blank) 0-10V dimming driver	For options and accessories, see pages 419-425.
	35/	10 1000 lumens ¹	6	PR	Pewter	LD Matte-diffuse	277		
	41/	14 1400 lumens ²		GR	Gold		347 ⁴		
				WR	White painted ³				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
ECSRW 4	6-1/16 (15.4)	14-3/16 (36.0)	15-1/4 (38.7)	4-3/8 (11.1)	5-1/16 (12.9)	5-7/16 (13.8)
ECSRW 6	6-1/16 (15.4)	14-3/16 (36.0)	15-1/4 (38.7)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 4" aperture only.
- 2 Available in 6" aperture only.
- 3 Not available with finishes.
- 4 Height of fixture increases 3".

ECSS ECSSW



Intended Use

High performance recessed LED luminaire that satisfies a wide range of needs in commercial and architectural applications such as office, educational, and retail environments.

Features

- Self-flanged matte-diffuse high-impact polymer finishing trim with a durable, proprietary, vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom

- Class P, 0-10V thermally protected solid state dimming driver is standard
- Rated system life of 50,000 hours at 70% output
- Emergency battery pack available

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Tested to IESNA LM-79 and LM-80 standards.

ORDERING INFORMATION

Specifications subject to change.

Example: ECSS 35/12 6AR 120

Series	Color temperature	Nominal lumen values	Aperture / Trim color	Finish	Voltage	Driver
ECSS	35/ 3500K	09 900 lumens ¹	4 AR Clear	(blank) Semi-specular ³	120	(blank) 0-10V dimming driver
ECSSW	41/ 4100K	12 1200 lumens ²	6 PR Pewter	LD Matte-diffuse	277	
			WTR Wheat		347 ⁴	
			DSR Stepped			
			BR Black			
			WR White painted			
			PDSR Stepped pewter			
			WDSR Stepped wheat			

Options

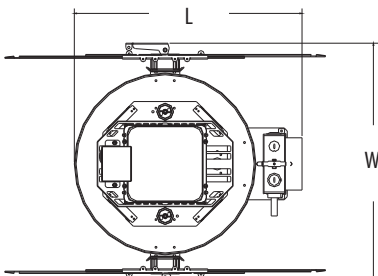
SF	Single fuse
EL	Emergency battery pack with integral test switch ¹
TRW	White painted flange
TRBL	Black painted flange
MFLG	Microflange™ trim
SQMT	Square metal trim ⁵
CP	Chicago plenum
ELR	Emergency battery pack with remote test switch
ELRHL	High-lumen-output emergency battery pack with remote test switch
NEPP	Interface for Sensor Switch® nLight® network with integral power supply

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
ECSS 4	5-3/8 (13.7)	14-1/8 (35.9)	15-3/8 (39.1)	4-1/2 (11.4)	5-1/8 (13.0)	5-3/4 (14.6)
ECSSW 4	6-7/8 (17.5)	14-1/8 (35.9)	15-3/8 (39.1)	4-1/2 (11.4)	5-1/8 (13.0)	5-3/4 (14.6)
ECSS 6	5-9/16 (14.1)	18-5/8 (47.3)	19-3/4 (50.2)	6 (15.2)	6-5/8 (16.8)	7-3/16 (18.3)
ECSSW 6	7-1/4 (18.4)	18-5/8 (47.3)	19-7/8 (50.5)	6 (15.2)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available in 4" aperture only.
- 2 Available in 6" aperture only.
- 3 Available with WR and BR trim colors or SQMT metal trim option.
- 4 Height of fixture increases 1-1/2".
- 5 Not available with stepped trims or MFLG option.

Intended Use

Recessed downlight with dynamic color-changing LED accent features designed to add visual interest.

Features

- 16-gauge galvanized steel mounting/plaster frame with thru-wire junction box
- Expandable, self-locking mounting bars provide horizontal and vertical adjustment
- Patented three-part system interacts to create the effect of an aperture floating within a pool of diffused light
- Patented optical design provides lamp before lamp image and smooth transition from top of reflector to bottom
- Patented dual-reflector optical system allows effective general illumination with a compact fluorescent source to function independently from a color-changing LED source

- An array of Red-Green-Blue LEDs provide up to 16.6 million vibrant color options
- LEDs are visually shielded to prevent a direct line of sight to the source

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and dry locations. Listed and labeled to comply with Canadian Standards. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050). Patented Candeo® reflector design (U.S. Patent No. 7,014,341). Patent-pending LED color changing design.

PDLFV

Candeo® LED

Open Reflector

Vertical Triple-Tube Lamp



ORDERING INFORMATION

Specifications subject to change.

Example: PDLFV 18TRT 8AR MVOLT

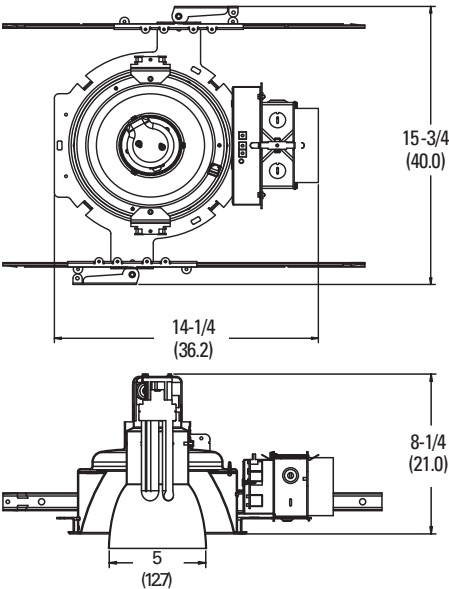
Series	Lamp type	Aperture/Trim	Finish	Voltage	Options
PDLFV	18TRT 26TRT 32TRT	Aperture Trim 8 AR Clear	(blank) Semi-specular LD Matte-diffuse	MVOLT¹ 120 277	For options and accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
PDLFV 8	8-1/4 (21.0)	14-1/4 (36.2)	15-3/4 (40.)	7-7/8 (20.0)	8-7/8(22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Aperture: 7-7/8 (20)
Ceiling Opening: 8-7/8 (22.5)
Overlap Trim: 9-1/4 (23.5)

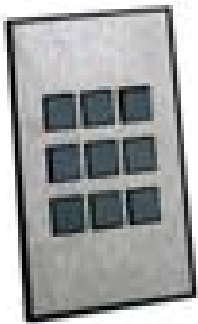
Notes

- 1 Multi-volt electronic ballast capable of operating on any line voltage from 120V to 277V, 50 or 60Hz.

PRODUCT INFORMATION

LFVRS

Digital Remote Station



- Features**
- Mounts to Lithonia SYRS 1GR or Steel City 52C13 one-gang plaster ring attached to a grounded 4"-square, 2-1/2"-deep outlet box or to a grounded Lithonia SQRS 1 GB or Steel City GW-125-G one-gang masonry box (1-7/8" minimum inside width, 2-1/2" inside depth)
 - Use of tile rings, shallow, narrow or ungrounded boxes can damage system
 - Faceplate held to frame by magnetic strips
 - Pilot current draw: 5ma at 24VDC
 - Network wiring connections: CAT5, (RJ45) Ethernet-cable approved
 - Push-button switches are preset to provide nine color-change modes, nine static colors and 12 timing-cycle modes
 - LED indicates load status

ORDERING INFORMATION

Specifications subject to change.

Example: LFVRS BJ4

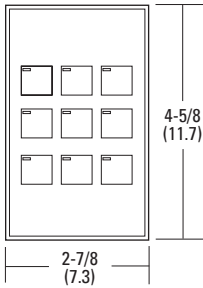
Series	Finish
LFVRS	BJ4 Brushed stainless, black frame and buttons
	BA4 Brushed aluminum, black frame and buttons
	BL4 Painted black, black frame and buttons
	WC2 Painted white, white frame and buttons
	IE3 Painted ivory, ivory frame and buttons

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

ACCESSORIES	
ORDER SEPARATELY	
SYRS 1GR	Plaster ring, mounts to 4" box (by others)
LSA CAT5	Plenum-rated network cable. Length must be specified (25ft or 50ft). Ex: LSA CAT5 25FT.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Intended Use

For general downlight or wallwash applications that demand high efficiency and superior optical control.

Features

- Self-flanged, semi-specular or matte-diffuse reflector
- 16-gauge galvanized steel construction
- Toolless post-installation adjustments
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment

- Rugged aluminum lampholder housing
- Vertically mounted, positive-latch thermoplastic socket

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

AFV AFVW

Vertical Lamp
Double Twin-Tube (DTT)
Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: AFV 32TRT 4AR MVOLT

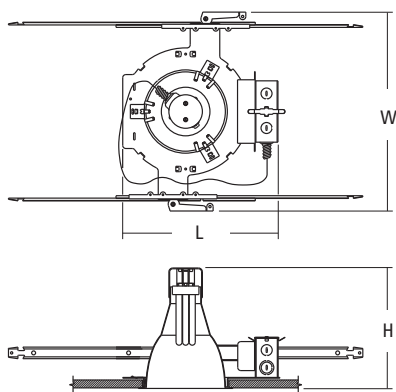
Series	Lamp type	Aperture/Trim	Finish	Lens	Voltage	Options
AFV Downlight	13DTT	Aperture	(blank)	(blank)	MVOLT ³	For options and accessories, see pages 419-425.
AFVW Wallwash	18DTT	4'	AR	CGL	120	
	26DTT	6	PR	CAL	277	
	13TRT	8	WTR	PCL	347	
	18TRT		WR	T73		
	26TRT		MB	A12		
	32TRT		WB	PPC		
	42TRT			FOL		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AFV/AFVW 4	DTT, TRT	9-3/8 (23.8)	13-3/8 (34.0)	15-7/8 (40.3)	4-5/16 (11.0)	5-1/8 (13.0)	5-7/16 (13.8)
AFV 6	DTT, 42TRT	10-1/4 (26.0)	13-3/4 (34.9)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AFVW 6	DTT, 42TRT	10-1/8 (25.7)	13-5/8 (34.5)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AFV 6	13DTT, TRT	9-3/8 (23.8)	13-3/4 (34.9)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AFVW 6	13DTT, TRT	10 (25.4)	13-5/8 (34.5)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AFV 8	DTT, 42TRT	11 (27.9)	13-3/4 (34.9)	15-13/16 (40.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AFVW 8	DTT, 42TRT	11-5/8 (29.5)	13-5/8 (34.5)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AFV 8	13DTT, TRT	10-5/8 (27.0)	14-3/8 (36.5)	15-13/16 (40.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AFVW 8	13DTT, TRT	10-7/8 (27.5)	13-5/8 (34.5)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 13DTT, 13TRT, 18TRT, 26TRT and 32TRT lamp only.
- 2 Not available with finishes.
- 3 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

PRODUCT INFORMATION

AF AFW

Horizontal Lamp Triple-Tube (TRT)



Intended Use

For general downlight or wallwash applications that demand high efficiency and superior optical control.

Features

- Self-flanged, semi-specular or matte-diffuse reflector
- 16-gauge galvanized steel construction
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless post-installation adjustments

- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Horizontally mounted, positive-latch, thermoplastic socket

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050).

ORDERING INFORMATION

Specifications subject to change.

Example: AF 1/32TRT 8AR MVOLT

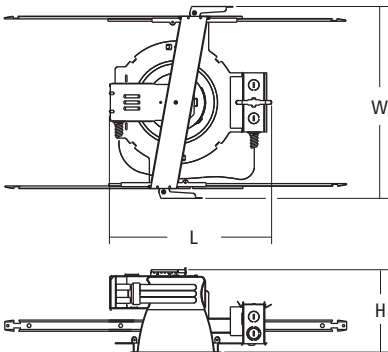
Series	Number of lamps/Lamp type	Aperture/Trim	Finish	Lens	Voltage	Options
AF Downlight	Number of lamps	Lamp type	Aperture Trim	(blank) Semi-specular	(blank) No lens	
AFW Wallwash	1/	13TRT	6 AR Clear	LD Matte-diffuse	CGL Clear glass lens	MVOLT ⁶ For options and accessories, see pages 419-425.
	2/ ¹	18TRT	8 PR Pewter		PCL Clear polycarbonate lens	120
	3/ ²	26TRT	10 WTR Wheat		T73 Tempered prismatic lens ⁵	277
		32TRT	WR White painted ⁴		PPC Prismatic polycarbonate lens ⁵	347
		42TRT	MB Black baffle ^{4,5}		FOL Flat opal lens	
		57TRT ³	WB White baffle ^{4,5}			
			BC Black cone ^{4,5}			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AF/AFW 6	6-7/16 (16.4)	14 (35.6)	15-13/16 (40.2)	9-3/4 (24.8)	10-1/4 (26)	10-7/8 (27.2)
AF/AFW 8	6-7/8 (17.4)	14-13/14 (37.6)	15-7/8 (40.3)	8 (20.3)	8-7/8 (22.5)	9-1/4 (23.5)
AF/AFW 10	7-1/4 (18.4)	22-7/8 (58.1)	17-1/8 (43.5)	9-3/4 (24.8)	10-1/4 (26)	10-7/8 (27.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Available in 8" and 10" aperture only.
- ² Available in 10" aperture only.
- ³ Available in 8" aperture 1-lamp, or 10" aperture 1- or 2-lamp only, Sylvania or Philips.
- ⁴ Not available with finishes.
- ⁵ AF only.
- ⁶ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

Intended Use

For general downlight or wallwash applications that demand high efficiency and superior optical control.

Features

- Self-flanged, semi-specular or matte-diffuse reflector
- 16-gauge galvanized steel construction
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment

- Toolless post-installation adjustments
- Horizontally mounted, positive-latch, thermoplastic socket

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

AF AFW

Horizontal Lamp
Double Twin-Tube (DTT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: AFW 2/26DTT 6AR MVOLT

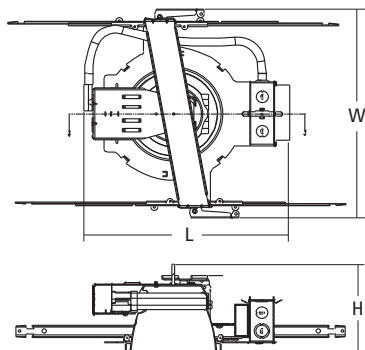
Series	Number of lamps/Lamp type		Aperture/Trim		Finish	Lens		Voltage	Options
AF Downlight	Number of lamps	Lamp type	Aperture	Trim	(blank) Semi-specular	(blank)	No lens	MVOLT ⁵	For options and accessories, see pages 419-425.
AFW Wallwash	1/	13DTT	6	AR Clear	LD Matte-diffuse	CGL	Clear glass lens	120	
	2/	18DTT	8	PR Pewter		CAL	Clear acrylic lens	277	
	3/ ¹	26DTT	10 ²	WTR Wheat		PCL	Clear polycarbonate lens	347	
				WR White painted ³		T73	Tempered prismatic lens ²		
				MB Black baffle ^{2,3}		PPC	Prismatic polycarbonate lens ²		
				WB White baffle ^{2,3}					
				BC Black cone ^{2,3,4}					

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AF/AFW 6	6-7/16 (16.4)	14 (35.6)	15-13/16 (40.2)	9-3/4 (24.8)	10-1/4 (26)	10-7/8 (27.2)
AF/AFW 8	6-7/8 (17.4)	14-13/14 (37.6)	15-7/8 (40.3)	8 (20.3)	8-7/8 (22.5)	9-1/4 (23.5)
AF 10	7-1/4 (18.4)	22-7/8 (58.1)	17-1/8 (43.5)	9-3/4 (24.8)	10-1/4 (26)	10-7/8 (27.2)
AF 10 MB/WB	7-1/4 (18.4)	22-7/8 (58.1)	17-1/8 (43.5)	9-3/4 (24.8)	10-1/4 (26)	10-7/8 (27.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Available in 10" aperture only.
- ² AF only.
- ³ Not available with finishes.
- ⁴ Available in 6" and 8" aperture only.
- ⁵ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

PRODUCT INFORMATION

AF**Horizontal Lamp
Triple-Tube (TRT)****Intended Use**

For general downlight or wallwash applications that demand high efficiency and superior optical control. Cross baffle reflector provides additional shielding.

Features

- Self-flanged, semi-specular or matte-diffuse reflector
- Fluted vertical upper section works in conjunction with patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- 16-gauge galvanized steel construction

- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless post-installation adjustments
- Horizontally mounted, positive-latch, thermoplastic socket

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: AF 1/32TRT 8CR MVOLT

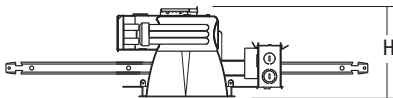
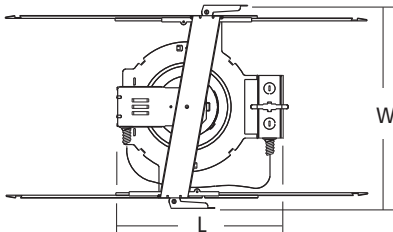
Series	Number of lamps/Lamp type		Aperture/Trim		Finish	Lens		Voltage	Options
AF	Number of lamps	Lamp type	Aperture	Trim	(blank)	Semi-specular	(blank)	No lens	MVOLT ⁴ For options and accessories, see pages 419-425.
	1/	13TRT	6	CB	Clear cross baffle	LD	Matte-diffuse	CGL	
	2/ ¹	18TRT	8					T73	
	3/ ²	26TRT	10						
		32TRT							
		42TRT							
		57TRT ³							

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AF 6	6-7/16 (16.4)	14 (35.6)	15-13/16 (40.2)	9-3/4 (24.8)	10-1/4 (26)	10-7/8 (27.2)
AF 8	6-7/8 (17.4)	14-13/14 (37.6)	15-7/8 (40.3)	8 (20.3)	8-7/8 (22.5)	9-1/4 (23.5)
AF 10	7-1/4 (18.4)	22-7/8 (58.1)	17-1/8 (43.5)	9-3/4 (24.8)	10-1/4 (26)	10-7/8 (27.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Available in 8" and 10" aperture only.
- ² Available in 10" aperture only.
- ³ Available in 8" aperture 1-lamp, or 10" aperture 1- or 2-lamp only, Sylvania or Philips.
- ⁴ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

Intended Use

For general downlight and wallwash applications that demand high efficiency and superior brightness controlling shallow plenum areas. Cross baffle reflector provides additional shielding.

Features

- Symmetric baffle design provides precise shielding and brightness control; minimum flange matches reflector finish
- Optical system retained by self-align, torsion support springs
- 16-gauge galvanized steel construction

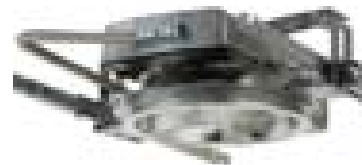
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless post-installation adjustments
- Die-cast aluminum socket housing, ventilated top for effective heat dissipation

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

AFZ AFZW

Horizontal Lamp
Double Twin-Tube (DTT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: AFZ 2/26DTT 84AR 120

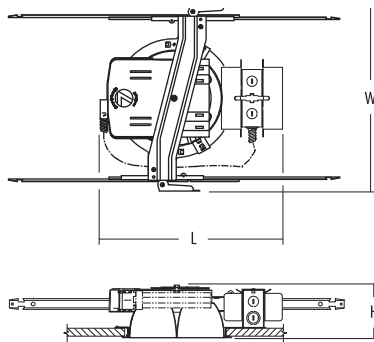
Series	Number of lamps/Lamp type		Aperture/Trim			Finish	Voltage	Options
AFZ Downlight	2/	Number of lamps	Lamp type	Aperture	Trim	(blank) Semi-specular	MVOLT ³	For options and accessories, see pages 419-425.
AFZW Wallwash			13DTT	8	4AR	Clear	120	
			18DTT		4PR	Pewter	277	
			26DTT		4WTR	Wheat	347	
					4WR	White painted ^{1,2}		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AFZ/AFZW	4-1/2 (11.4)	17-7/8 (45.4)	15-7/8 (40.3)	8 (20.3)	8-5/8 (21.9)	9-1/8 (23.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Not recommended for use with AFZW.
- ² Not available with finishes.
- ³ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

PRODUCT INFORMATION

LAF

Horizontal Lamp
Double Twin-Tube (DTT)
Triple-Tube (TRT)

Intended Use

Provides uniform general illumination for institutional, office, commercial, and retail applications.

Features

- Specular clear upper reflector
- Available with tempered prismatic lens (T73), or drop Holophane lens (DHL)
- Die-cast aluminum, gasketed door frame available in flush white or regressed stepped baffle
- Self-aligning butterfly door support springs

- Die-formed steel upper housing with white polyester powder paint and formed steel lower housing with matte black finish
- Expandable mounting bars provide horizontal and vertical adjustment
- Horizontally-mounted, positive latch thermoplastic sockets

Listings

Fixtures are UL listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LAF 2/26DTT 11RW T73 MVOLT

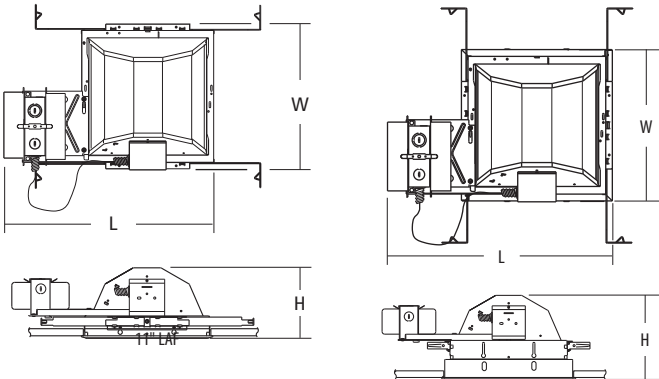
Series	Number of lamps/Lamp type		Aperture/Door		Lens	Voltage	Options
LAF	Number of lamps	Lamp type	Aperture	Door	11"	MVOLT ³	For options and accessories, see pages 419-425.
	1/	18DTT	11	RW Regressed white door ¹	T73 Tempered prismatic lens	120	
	2/	26DTT	12	SB Stepped black baffle ²	SFL Semi-flush lens	277	
		13TRT		SW Stepped white baffle ²	DOL Drop opal lens	347	
		18TRT		FW Flush white door ²	12"		
		26TRT			T73 Tempered prismatic lens		
		42TRT			FHL Flat Holophane lens		
		42TRT			DHL Drop Holophane lens		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LAF 11	6 (15.2)	24 (61.0)	13-1/4 (33.7)	10-1/8 (25.7)	11-1/4 (28.6)	11-5/8 (29.5)
LAF 12	7-3/4 (19.7)	24 (61.0)	13-1/4 (33.7)	10-7/8 (27.6)	12-1/4 (31.1)	12-5/8 (32.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Available in 11" aperture only.
- ² Available in 12" aperture only.
- ³ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

Intended Use

For special purpose downlight applications that require enclosed optics.

Features

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency and an evenly illuminated aperture appearance
- Available with tempered prismatic lens, flat Fresnel lens or flat opal lens
- Regressed white door or stepped black baffle are available with white painted flange provided
- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Die-cast aluminum lampholder housing
- Medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards.

LGF

Horizontal Lamp
Double Twin-Tube (DTT)
Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: LGF 2/26TRT 8RW T73 MVOLT

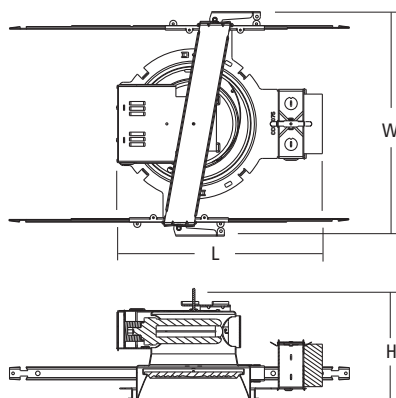
Series	Number of lamps/Lamp type		Aperture/Door		Lens	Voltage	Options
LGF	Number of lamps	Lamp type	Aperture	Door			
	1/	26DTT ³	6	RW Regressed white door	T73 Tempered prismatic lens	MVOLT ⁵	For options and accessories, see pages 419-425.
	2/ ¹	13TRT	8	SB Stepped black baffle	FOL Flat opal lens	120	
	3/ ²	18TRT	10		FFL Flat fresnel lens	277	
		26TRT			PPC Prismatic polycarbonate lens ¹	347	
		32TRT					
		42TRT					
		57TRT ⁴					

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LGF 6	6-3/4 (17.1)	13 7/8 (35.2)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
LGF 8	7-7/8 (20.1)	14 1/2 (36.8)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
LGF 10	8-5/8 (21.9)	17 3/4 (45.1)	17-1/4 (43.8)	9-3/4 (24.8)	10-1/2 (26.7)	11-1/8 (28.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Available in 8" and 10" aperture only.
- Available in 10" aperture only.
- Ships as a TRT fixture.
- Available in 8" aperture 1-lamp, or 10" aperture 1- or 2-lamp only, Sylvania or Philips.
- Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

PRODUCT INFORMATION

LGFV

Vertical Lamp
Double Twin-Tube (DTT)
Triple-Tube (TRT)



Intended Use

For special purpose downlight applications that require enclosed optics.

Features

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency and an evenly illuminated aperture appearance
- Available with tempered prismatic lens (T73), flat Fresnel lens (FFL) or flat opal lens (FOL)
- Regressed white door (RW) or stepped black baffle (SB) are available with white painted flange provided
- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Rugged aluminum lampholder housing
- Vertically-mounted, four-pin, positive-latch, thermoplastic socket

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LGFV 26TRT 8RW T73 MVOLT

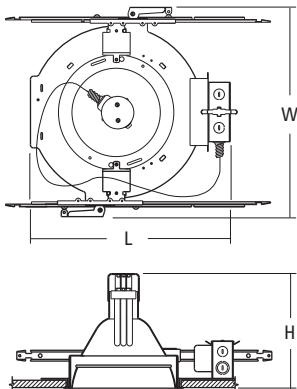
Series	Lamp type ¹	Aperture/Door	Lens	Voltage	Options
LGFV	18TRT	Aperture Door	T73 Tempered prismatic lens	MVOLT ³	For options and accessories, see pages 419-425.
	26TRT	6 RW Regressed white door	FFL Flat Fresnel lens	120	
	32TRT	8 SB Stepped black baffle	FOL Flat opal lens	277	
	42TRT	10		347	
	57TRT ²				
	70TRT ²				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LGFV 6	9 (22.9)	13-5/8 (34.6)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
LGFV 8	9-5/8 (24.4)	13-3/8 (34.6)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
LGFV 10	14-1/8 (35.9)	17-3/4 (45.1)	17-1/4 (43.8)	9-3/4 (24.8)	10-1/2 (26.7)	11-1/8 (28.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Ships as a TRT fixture.
- ² Available in 10" aperture only.
- ³ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

Intended Use

For general downlight applications that demand high efficiency and superior optical control. Cross baffle reflector provides additional shielding.

Features

- Self-flanged, semi-specular or matte-diffuse reflector
- Fluted vertical upper section works in conjunction with Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) to provide lamp before lamp image and smooth transition from top of reflector to bottom
- Minimum flange matches reflector finish
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Galvanized steel junction box with hinged access covers and spring latch

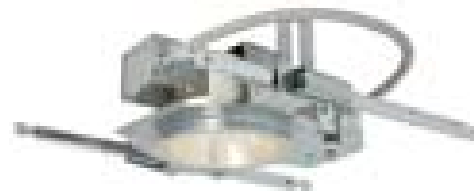
- Two combination 1/2"–3/4" and three 1/2" knockouts for straight-through conduit runs
- Capacity: 8 (4 in, 4 out) No. 12 AWG conductors, rated for 90°C
- Horizontally mounted, positive-latch, thermoplastic socket
- Class P, thermally protected, high-power-factor electronic ballast mounted to the junction box

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

AFLP

Horizontal DTT or TRT Lamp

**ORDERING INFORMATION**

Specifications subject to change.

Example: AFLP 1/26DTT 6AR MVOLT

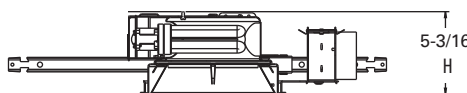
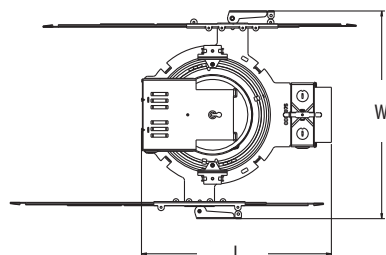
Series	Number of lamps/ Lamp type		Aperture/Trim			Finish		Lens		Voltage	Ballast ²		Options	
AFLP	Number of lamps	Lamp type	Aperture	Door		(blank)	Semi- specular	(blank)	No lens	MVOLT	(blank)	Electronic ballast	For options and accessories, see pages 419-425.	
	1/ 2/ ¹	13DTT	6	AR	Clear	LD	Matte- diffuse	CGC	Clear glass lens ³	120	ECOS	EcoSystem® electronic dimming ballast. Minimum dimming level 5% ⁴		
		18DTT	8	PR	Pewter			T73	Tempered prismatic lens ³	277	ADEZ	Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ⁵		
		26DTT		WTR	Wheat			SOL	Solite lens ³	347				
		13TRT		WR	White painted ²			FOL	Flat opal lens ³					
		18TRT		CB	Cross baffle			PPC	Prismatic polycarbonate lens ³		ADZT	Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ⁵		
		26TRT												
		32TRT												
		42TRT												

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AFLP 6	5-3/16 (13.2)	14-9/16 (37.0)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AFLP 6 Xbaffle	5-3/16 (13.2)	14-9/16 (37.0)	15-3/8 (39.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AFLP 8	5-3/16 (13.2)	14-1/2 (36.8)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AFLP 8 Xbaffle	5-3/16 (13.2)	14-9/16 (37.0)	15-3/8 (39.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 8" aperture only.
- 2 Not available with finishes.
- 3 Only available with CB trim type.
- 4 Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
- 5 Available in 120V or 277V only.

PRODUCT INFORMATION

LGFLP

**Intended Use**

For special purpose downlight applications that require enclosed optics in shallow plenum areas

Features

- Aluminum upper reflector coated with highly reflective white paint
- Regressed white door (RW) or stepped black baffle (SB) with white painted flange, or regressed anodized door (RA) with anodized flange

- Available with tempered prismatic lens (T73), Solite lens (SOL) or flat opal lens (FOL)
- Door is retained by self-aligning torsion support springs, preventing gaps between door and ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: LGFLP 1/13DTT 6SB CGL 120

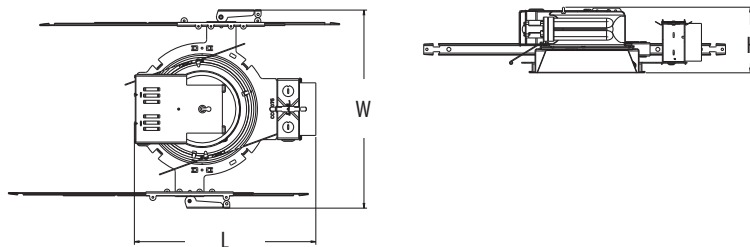
Series	Number of lamps/Lamp type		Aperture/Door		Lens	Voltage	Ballast	Options
LGFLP	Number of lamps	Lamp type	Aperture	Door				
	1/	13DTT	6	RW Regressed white door	CGL Clear glass lens	MVOLT	(blank) Electronic ballast	For options and accessories, see pages 419-425.
	2/ ¹	18DTT			T73 Tempered prismatic lens	120	ECOS EcoSystem® electronic dimming ballast. Minimum dimming level 5% ²	
		26DTT	8	SB Stepped black baffle	SOL Solite lens	277	ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ^{2,3}	
		13TRT		RA Regressed anodized door	FOL Flat opal lens	347	ADZT Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ^{2,3}	
		18TRT			PPC Prismatic polycarbonate lens			
		26TRT						
		32TRT						
		42TRT						

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LGFLP 6	5-3/16 (13.2)	14-9/16 (37.0)	15-3/8 (39.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
LGFLP 8	5-3/16 (13.2)	14-9/16 (37.0)	15-3/8 (39.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Available in 8" aperture only.
- Not available in 13W.
- Available in 120V or 277V.

Intended Use

For general wallwash applications that demand high efficiency, uniform vertical illumination and low aperture brightness.

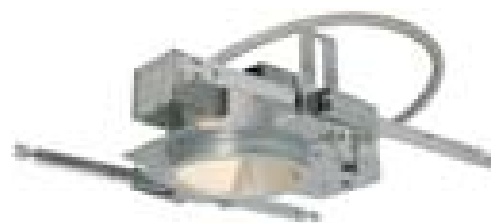
Features

- Self-flanged, semi-specular or matte-diffuse reflector
- Patented Bounding Ray™ Optical Design Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom
- Highly reflective outer kicker reflector provides smooth uniform illumination floor to ceiling, edge to edge. Inner cone is contoured to eliminate room-side flash. For optimal uniformity, the recommended luminaire spacing is 3' from the wall and 3' centers

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below the ceiling
- Galvanized steel junction box with hinged access covers and spring latch. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90°C.

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

AFWLP**ORDERING INFORMATION**

Specifications subject to change.

Example: AFWLP 2/26DTT 6AR LD 120 ECOS

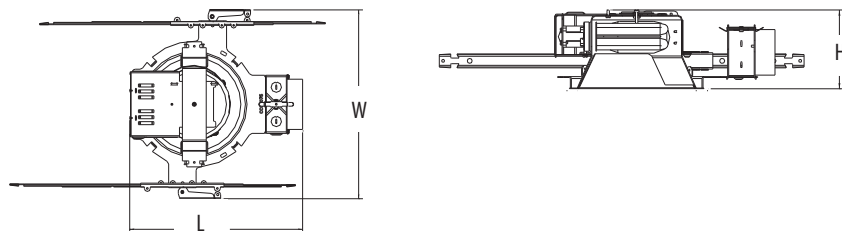
Series	Number of lamps/Lamp type		Aperture/Trim			Finish	Voltage	Ballast	Options
AWFLP	Number of lamps	Lamp type	Aperture	Trim		(blank) Semi-specular	MVOLT	(blank) Electronic ballast	For options and accessories, see pages 419-425.
	1/	13DTT	6	AR	Clearn	LD	120	ECOS EcoSystem® electronic dimming ballast. Minimum dimming level 5% ²	
	2/ ¹	18DTT	8	PR	Pewter		277	ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ^{2,3}	
		26DTT		WRT	Wheat		347	ADZT Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ^{2,3}	
		13TRT		WR	White painted				
		18TRT							
		26TRT							
		32TRT							
		42TRT							

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AFWLP 6	5-3/16 (13.2)	14-9/16 (37.0)	15-3/8 (39.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AFWLP 8	5-3/16 (13.2)	14-1/2 (36.8)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Available in 8" aperture only.
- ² Not available with 13W.
- ³ Available in 120V or 277V.

PRODUCT INFORMATION

PDGF

Candéo® Open Reflector
Horizontal Lamp
Triple-Tube (TRT)**Intended Use**

High-performance downlight with decorative accent features designed to add visual interest.

Features

- Outside of inner reflector is white with semi-specular or matte-diffuse inner surface finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Inner reflector is field adjustable to three settings that place the reflector flush with the ceiling, 1/2" or 1" below the ceiling
- Diffuser provides direct/indirect luminaire performance

- Clear, blue, green, tan, or red diffusers add visual interest
- Hinged lampdoor seals upper trim for optimal fixture efficiency and the reduction of stray light in the plenum
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment, are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below the ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDGF 2/42 TRT 10AR WHT MVOLT

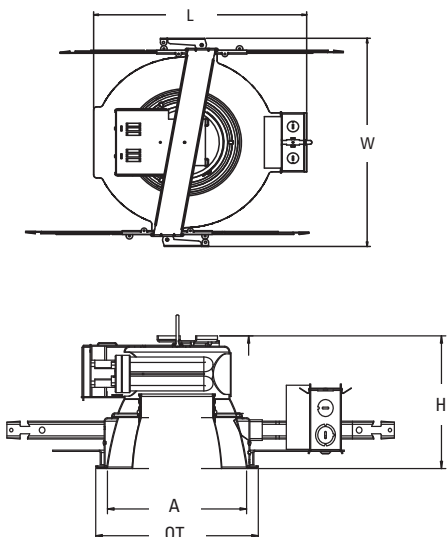
Series	Number of lamps/Lamp type		Aperture/Trim		Finish		Color		Voltage	Options
PDGF	Number of lamps	Lamp type	Aperture	Trim	(blank)	Semi-specular	WHT	Snow	MVOLT ³	For options and accessories, see pages 419-425.
	1/	18TRT	8	AR Clear	LD	Semi-diffuse	GRN	Sea	120	
	2/	26TRT	10				BLU	Sky	277	
	3/1	32TRT					TAN	Sand	347	
		42TRT					RBY	Ruby		
		57TRT ²								

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE (A)	CEILING OPENING	OVERLAP TRIM (OT)
PDGF 8	6-13/16 (17.3)	14-1/2 (36.8)	15-7/8 (40.3)	7-7/8 (20)	8-7/8 (22.5)	9-1/4 (23.5)
PDGF 10	8-3/8 (24.8)	16-9/16 (45.1)	17-1/4 (43.7)	9-3/4 (24.8)	10-1/2 (26.7)	11-1/8 (28.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 10" aperture only.
- 2 Available in 8" aperture 1-lamp, or 10" aperture 1- or 2-lamp only, Sylvania or Philips.
- 3 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

Intended Use

High-performance downlight with decorative accent features designed to add visual interest.

Features

- Fluted vertical upper section works in conjunction with patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) to provide lamp before lamp image and smooth transition from top of reflector to bottom
- Clear acrylic cross baffle with surface that provides a decorative edge-glow appearance
- Hinged lampdoor provided for optimal fixture efficiency and the reduction of stray light in the plenum
- Pre-wired galvanized steel junction box mounted to reflector provided with removable access cover

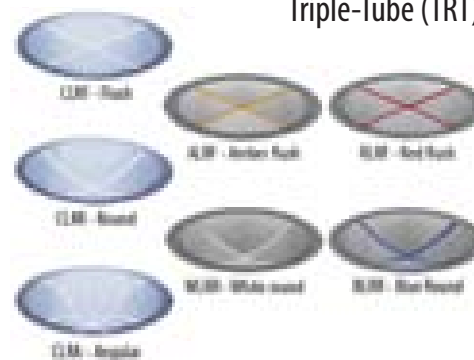
- No. 12 AWG conductors rated for 90°C
- Three (3) swinggate brackets allow for installation from below the ceiling
- Horizontally-mounted, positive-latch, thermoplastic socket

Listings

MVOLT, 120V and 277V fixtures are UL Listed, NON-IC recessed mounting and damp locations. 220V and 240V fixtures are CE Certified and rated IP20.

PDXF

ICE™ BLADE

Horizontal Lamp
Triple-Tube (TRT)**Example:** PDXF 1/32TRT 8AR CLRF MVOLT

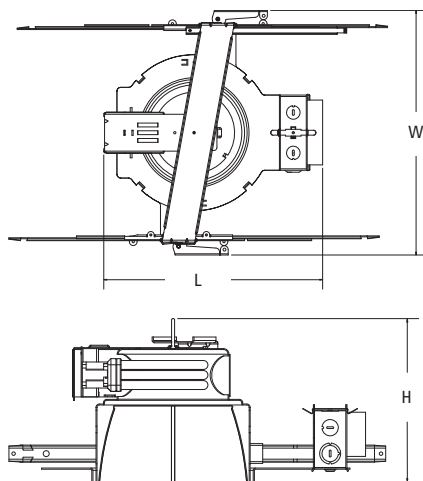
ORDERING INFORMATION		Specifications subject to change.						
Series	Number of lamps/Lamp type	Aperture/Trim	Baffle	Voltage	Options			
PDXF	Number of lamps	Lamp type	Aperture	Trim	ICE™	BLRR	Blue round	MVOLT ³
	1/	18TRT	6	AR	Clear	CLRF	Clear flush	120
	2/ ¹	26TRT	8			CLRR	Clear round	277
		32TRT				CLRA	Clear angular	347
		42TRT				ICE™ Color		
		57TRT ²				RLRF	Red flush	
						RLRR	Red round	
						BLRF	Blue flush	
						WLRF	White flush	
						WLRR	White round	

For options and accessories, see pages 419-425.

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
PDXF 6	7-3/8 (18.7)	14-3/16 (36)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
PDXF 8	8-3/8 (21.3)	17-3/4 (45.1)	17-3/8 (44.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Available in 8" aperture only.
- Available in 8" aperture 1-lamp only, Sylvania or Philips.
- Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

PDTF

ICE™ Turbo
Horizontal Lamp
Triple-Tube (TRT)



Intended Use

High-performance downlight with decorative accent features designed to add visual interest.

Features

- Reflector - Self-flanged, matte-finished clear anodized reflector, fluted vertical upper section works in conjunction with patented Bounding Ray™ Optical Principle design
- Minimum flange matches reflector finish, white painted flange optional
- Clear acrylic, three-spoke turbo baffle with surface that provides a decorative edge-glow appearance
- Hinged lampdoor seals upper trim for optimal fixture efficiency and the reduction of stray light in the plenum

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Horizontally-mounted, positive-latch, thermoplastic socket

Listings

Fixtures are UL Listed for thru-branch wiring, recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDTF 1/32TRT 8AR MVOLT

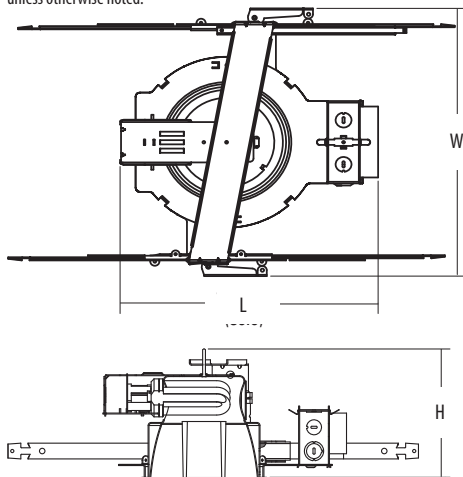
Series	Number of lamps/Lamp type		Aperture/Trim		Voltage	Options
PDTF	Number of lamps	Lamp type	Aperture	Trim	MVOLT ³ 120 277 347	For options and accessories, see pages 419-425.
	1	18TRT	6	AR Clear		
	2 ¹	26TRT	8			
		32TRT				
		42TRT				
		57TRT ²				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
PDTF 6	7-3/8 (18.7)	14-3/16 (36.0)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
PDTF 8	8-3/8 (21.3)	17-3/4 (45.1)	17-3/8 (44.1)	7-7/8 (20.0)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available in 8" aperture only.
- 2 Available in 8" aperture 1-lamp only, Sylvania or Philips.
- 3 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

Intended Use

Decorative downlight with semi-recessed glass shades designed to add visual interest.

Features

- Semi-recessed shade is pressed, colored glass with an acid etched exterior finish and a matte white glazed interior décor, available in white, amber or blue
- Minimum flange with textured polyester powder paint finish available in matte white, matte black or satin silver
- 16-gauge painted steel mounting/plaster frame with integral brackets to retain glass shade

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Galvanized steel junction box with hinged access covers and spring latch
- Horizontally-mounted, positive-latch, thermoplastic socket

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with U.S. and Canadian standards.

PDRGF

Semi-recessed Glass Shade Triple-Tube and Double Twin-tube Lamp

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDRGF 18TRT 6WG DBLB MVOLT

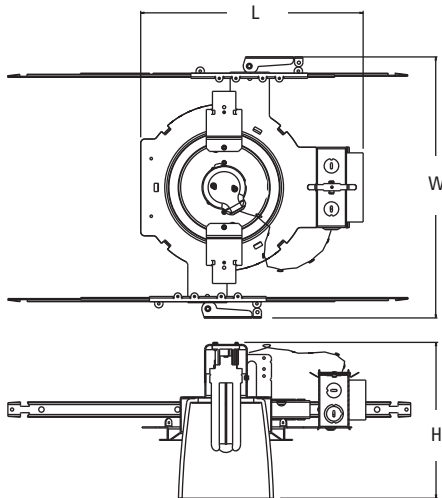
Series	Lamp type	Aperture/Shade color		Flange color		Voltage	Options
PDRGF	13DTT	6	Aperture Shade color		DWHG	Matte white	MVOLT ¹
	13TRT		WG	White glass	DBLB	Matte black	120
	18DTT	8	AG	Amber glass	DNAS	Satin silver	277
	26DTT		BG	Blue glass			347
	18TRT						
	26TRT						
	32TRT						
	42TRT						
							For options and accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	OVERALL DIAMETER	CEILING OPENING	OVERLAP TRIM
PDRGF	6	9-5/16 (23.6)	13-3/8 (34.0)	15-7/8 (40.3)	5-1/4 (13.4)	7-1/8 (18.1)	7-7/8 (20.0)
DDRGF	8	10-11/16 (17.1)	14-5/16 (36.3)	15-7/8 (40.3)	7-5/16 (18.6)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

PDRGH

Semi-recessed Glass Shade Lamp
ED17



Intended Use

Decorative downlight with semi-recessed glass shades designed to add visual interest.

Features

- Semi-recessed shade is pressed, colored glass with an acid etched exterior finish and a matte white glazed interior décor available in white, amber and blue
- Minimum flange with textured polyester powder paint finish available in matte white, matte black or satin silver
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed

- Post installation adjustment possible without the use of tools from above or below ceiling
- Galvanized steel junction box with hinged access covers and spring latch
- Pre-wired, electronic, 120 or 277V ballast module is standard, assembly can be attached before or after mounting of mounting/plaster frame

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDRGH 50M 6WG DBLB 120

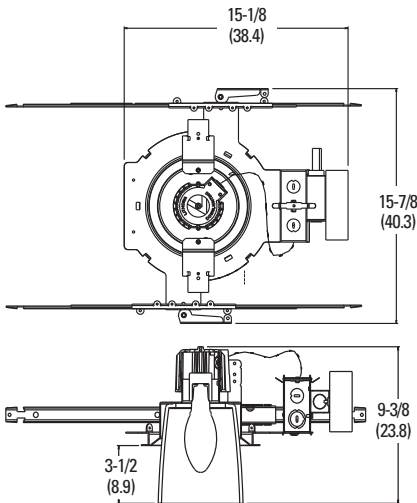
Series	Lamp type¹	Aperture/Shade color		Flange color		Voltage	Ballast		Options
PDRGH	Metal halide (ED17)	6	Aperture	Shade color	DWHG	Matte white	120	(blank)	For options and accessories, see pages 419-425.
	50M		WG	White glass	DBLB	Matte black	277	EMB	
	70M		AG	Amber glass	DNAS	Satin silver	347²		
	Color-corrected metal halide (ED17)		BG	Blue glass					
	70MHC								

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	OVERALL DIAMETER	CEILING OPENING	OVERLAP TRIM
PDRGH	9-3/8 (23.8)	15-1/8 (38.4)	15-7/8 (40.3)	5-7/8 (11.0)	7-1/8 (18.1)	7-7/8 (20.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Recommended for use with coated lamps. Open-rated lamps required.
- 2 Available only with EMB.

PDRGA

Semi-recessed Glass Shade Lamp

A19



Intended Use

Decorative downlight with semi-recessed glass shades designed to add visual interest.

Features

- Semi-recessed shade is pressed, colored glass with an acid etched exterior finish and a matte white glazed interior décor
- Minimum flange with textured polyester powder paint finish available in matte white, matte black or satin silver

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling

Listings

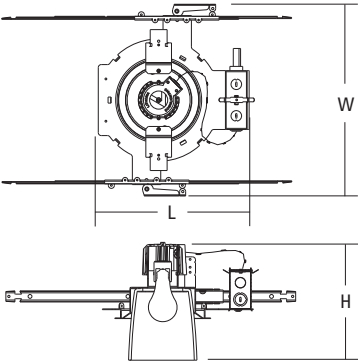
Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION		Specifications subject to change.		Example: PDRGA 6WG DWHG	
Series ¹	Aperture/Shade color		Flange color		Options
PDRGA	Aperture 6	Shade color	DWHG	Matte white	For options and accessories, see pages 419-425.
		WG White glass	DBLB	Matte black	
		AG Amber glass	DNAS	Satin silver	
		BG Blue glass			

ADDITIONAL INFORMATION For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	OVERALL DIAMETER	CEILING OPENING	OVERLAP TRIM
PDRGA	100W A19	9-3/4 (24.8)	12-7/8 (32.7)	15-7/8 (40. 3)	5-7/8 (15.0)	7-1/8 (18.1)	7-7/8 (20.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes
1 Maximum wattage: 100W.

ATH

Ceramic Metal Halide Lamp

T4

T6



Intended Use

For general downlight applications that demand high efficiency and superior optical control.

Features

- Self-flanged semi-specular or matte-diffuse anodized lower reflector; minimum flange matches reflector finish
- Interchangeable upper reflectors provide narrow, medium and wide distributions
- 1/8"-thick softening lens eliminates beam striations and ensures maximum efficiency
- Optical system retained by self-aligning torsion support springs
- 16-gauge galvanized steel construction

- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless post-installation adjustments
- Toolless access door provides access to junction box and ballast through the aperture
- 3000K lamp ships standard

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: ATH T6 39MHC 6AR N 120

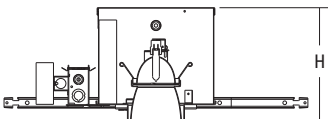
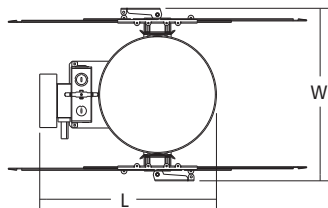
Series	Lamp type	Wattage	Aperture/Trim			Distribution	Finish		Voltage	Ballast		Options	
ATH	T4T ^{1,2}	20MHC ⁵	Aperture	Trim	N	Narrow	(blank)	Semi-specular	120	(blank)	Electronic ballast	For options and accessories, see pages 419-425.	
	T4 ^{2,3}	39MHC			4	AR	Clear	M	Medium	LD	Matte-diffuse		277
	T6 ⁴	70MHC	6	BR	Black ⁷	W	Wide			347 ⁸			
		150MHC ^{2,6}			PR								
				WTR	Wheat								

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
ATH 4	9-13/16 (24.9)	15-9/16 (39.5)	15-3/16 (38.6)	4-3/8 (11.1)	5-1/16 (12.9)	5-7/16 (13.8)
ATH 6	9-13/16 (24.9)	15-9/16 (39.5)	15-3/16 (38.6)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Philips Mini MasterColor® available in 20W and 120V only. Consult factory for availability on 39W.
- 2 Available with electronic ballast only.
- 3 Available in 20W, 39W, and 70W only.
- 4 Available in 39W, 70W, and 150W only.
- 5 120V only.
- 6 Available in 6" aperture only.
- 7 Not available with finishes.
- 8 Available with 70W and 150W electromagnetic (EMB) ballast option only.

Intended Use

For general downlight and wallwash applications that demand high efficiency and superior optical control.

Features

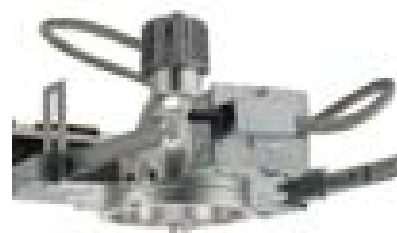
- Self-flanged semi-specular or matte-diffuse reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- 16-gauge galvanized steel construction
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless post-installation adjustments

- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Die-cast aluminum lampholder housing
- Medium-base porcelain socket with nickel-plated screw shell
- Extended porcelain socket for "open fixture" rated lamps

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

AH AHW

Open Reflective Metal Halide Lamp**ORDERING INFORMATION**

Specifications subject to change.

Example: AH 100M 6AR 120

Series		Lamp type ¹		Aperture/Trim ⁵			Distribution		Finish	
AH	Downlight	Metal halide	Color-corrected metal halide	Aperture	Trim		(blank)	Wide	(blank)	Semi-specular
AHW	Wallwash	50M ²	50MHC ²	4	AR	Clear	N	Narrow ^{8,10}	LD	Matte-diffuse
		70M ²	70MHC ²	6	PR	Pewter				
		100M ^{2,3}	100MHC ^{2,3}	8	WTR	Wheat				
		150M ³	150MHC ^{3,12}	10	WR	White painted ^{6,7}				
		250M ⁴	250MHC ⁴	12 ⁸	MB	Black baffle ^{6,7,8}				
			High pressure sodium		WB	White baffle ^{6,7,8}				
			150S ⁸		BC	Black cone ^{6,8,9}				
Lens		Voltage		Ballast			Options			
(blank)	No lens	120		(blank)	Electromagnetic ballast			For options and accessories, see pages 419-425.		
CGL	Clear glass lens	277		SCWA	Pulse-start ballast ¹¹					
T73	Tempered prismatic lens ⁸	347		HEB	Electronic ballast ^{11,13}					

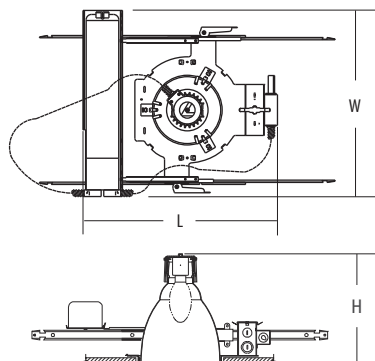
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES/ SOCKET	MAXIMUM WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AH 4 (MED)	70	9 (22.9)	20-1/4 (51.4)	17-3/4 (45.1)	4-5/16 (11.0)	5-1/8 (13.0)	5-7/16 (13.9)
AHW 4 (MED)	70	9 (22.9)	20-1/4 (51.4)	17-3/4 (45.1)	4-5/16 (11.0)	5-1/8 (13.0)	5-7/16 (13.9)
AH 6 (MED)*	100	8-1/2 (21.6)	20-1/4 (51.4)	17-3/4 (45.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AHW 6 (MED)	100	9-5/8 (24.4)	20-1/4 (51.4)	17-3/4 (45.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AH 8 (MED)*	150	9-3/16 (23.3)	20-1/4 (51.4)	17-3/4 (45.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AHW 8 (MED)	150	10-3/8 (26.4)	20-1/4 (51.4)	17-3/4 (45.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AH 10 (MOG)	250	15-7/8 (40.3)	23-3/4 (60.3)	17-1/4 (43.8)	9-3/4 (24.8)	10-3/8 (26.4)	10-3/4 (27.3)
AHW 10 (MOG)	250	18-3/8 (46.7)	23-3/4 (60.3)	17-1/4 (43.8)	9-3/4 (24.8)	10-3/8 (26.4)	10-13/4 (27.3)
AH 12 (MOG)	250	19-1/4 (48.9)	23-3/4 (60.3)	19-1/4 (48.9)	11-11/16 (29.7)	12-1/2 (31.8)	12-11/16 (32.2)

* For narrow distribution (N), add 1" to height.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Recommended for use with coated lamps. Consult specification sheets for additional lamp types.
- 2 Socket provided for use with open-rated lamps. For enclosed-rated lamps, include lens from lens type field.
- 3 Not available in 4" aperture.
- 4 Only available in 10" and 12" apertures.
- 5 Refer to chart for maximum wattage availability.

- 6 Not available with finishes.
- 7 Not available in 4" aperture.
- 8 AH Only.
- 9 Not available in 10" aperture.
- 10 Available in 6" and 8" aperture only.
- 11 Not available in 347V.
- 12 Available with HEB ballast only.
- 13 Available with MHC lamps only.

AHZ

Horizontal Lamp



Intended Use

For general downlight applications that demand high efficiency and superior optical control in shallow plenum areas.

Features

- Self-flanged, semi-specular or matte-diffuse reflector
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- 16-gauge galvanized steel construction
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment

- Toolless adjustments post installation
- Galvanized steel lampholder housing
- Medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: AHZ 100M 6AR 120

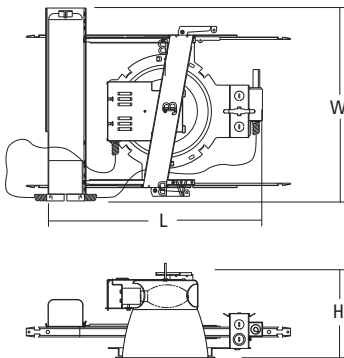
Series	Lamp type ¹	Aperture/Trim		Finish	Voltage	Options
AHZ	<u>Metal halide</u>	Aperture	Trim	(blank) Semi-specular	120	For options and accessories, see pages 419-425.
	50M	6	AR Clear	LD Matte-diffuse	277	
	70M	8	PR Pewter		347	
	100M		WTR Wheat			
	<u>Color-corrected metal halide</u>		WR White painted ²			
	50MHC		MB Black baffle ²			
	70MHC		WB White baffle ²			
	100MHC		BC Black cone ²			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AHZ 6	7-3/4 (19.7)	20-1/4 (51.4)	17-3/4 (45.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AHZ 8	8-3/4 (22.2)	20-1/4 (51.4)	17-3/4 (45.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Recommended for use with coated lamps. See specification sheets for additional lamp types.
- ² Not available with finishes.
- ³ Not available in 347V.

APRH

Vertical Lamp

PAR



Intended Use

For general downlight applications that demand high efficiency and superior optical control.

Features

- Self-flanged semi-specular or matte-diffuse reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- Integrated snoot and optical system minimizes lamp striations normally associated with PAR lamps and creates visually pleasing scallops on vertical surface
- 16-gauge galvanized steel construction

- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless post-installation adjustments
- Die-cast aluminum lampholder housing
- Medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: APRH P38 100MHC 6AR 120

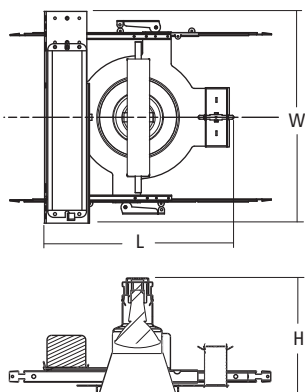
Series	Lamp type/Wattage		Aperture/Trim ¹		Finish	Lens Type ³		Voltage	Ballast	Options
APRH	Lamp type	Wattage	Aperture¹	Trim	(blank) Semi-specular LD Matte-diffuse	(blank) no lens CGL Clear glass lens T73 Tempered prismatic lense		120 277 347	(blank) HEB	For options and accessories, see pages 419-425.
	P20	Metal halide	4	AR Clear						
	P30	70M PAR38	6	BR Black ²						
	P38	100M PAR38	8	PR Pewter						
		Color-corrected metal halide		WTR Wheat						
		39MHC PAR20 or PAR30								
		70MHC PAR30 or PAR38								
		100MHC PAR38								
		150MHC PAR38								

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE	WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
APRH4	P20	39MHC (PAR20)	8-13/16 (22.4)	15-9/16 (39.5)	15-7/8 (40.3)	4-5/16 (11.0)	5-1/16 (12.9)	5-7/16 (13.8)
APRH4	P30	39, 70MHC (PAR30)	8-5/8 (21.9)	15-11/16 (39.8)	15-7/8 (40.3)	4-5/16 (11.0)	5-1/16 (12.9)	5-7/16 (13.8)
APRH6	P30	39, 70MHC (PAR30)	10-5/8 (27)	20-1/4 (51.4)	17-3/4 (45.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
APRH6	P38	70, 100, 150MHC (PAR38) 70, 100, 150M (PAR38)	10-5/8 (27)	20-1/4 (51.4)	17-3/4 (45.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
APRH8	P38	70, 100, 150MHC (PAR38) 70, 100, 150M (PAR38)	11-1/8 (28.2)	20-1/4 (51.4)	17-3/4 (45.1)	7-7/8 (20)	8-7/8 (22.5)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for lamp type and wattage availability.
- 2 Not available with finishes.
- 3 Par38 only.

LGH LGHZ

Vertical or Horizontal Lamp



Intended Use

For special purpose downlight applications that require enclosed optics.

Features

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency and an evenly illuminated aperture appearance
- Available with tempered prismatic lens (T73), flat Fresnel lens (FFL) or flat opal lens (FOL)
- Regressed white door (RW) or stepped black baffle (SB) are available with white painted flange provided
- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Die-cast aluminum lampholder housing
- Module can be attached before or after mounting of mounting/plaster frame

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: 100M 6RW T73 120

Series		Lamp type		Aperture/Door ⁴			Shielding	Voltage	Ballast		Options	
LGH	Vertical	<u>Metal halide</u>	<u>Color-corrected metal halide</u>	Aperture⁴	Door		T73	Tempered prismatic lens	120	(blank)	Electro-magnetic ballast ⁵	For options and accessories, see pages 419-425.
LGHZ	Horizontal			6	RW	Regressed white door			277	SCWA	Pulse-start ballast ^{6,7}	
		50M	50MHC	8	SB	Stepped black baffle	FFL	Flat Fresnel lens	347	HEB	Electronic ballast ⁸	
		70M	70MHC	10			FOL	Flat opal lens				
		100M	100MHC									
		150M ^{1,2}	150MHC ^{1,2}									
		175M ³	250MHC ³									
		250M ³										

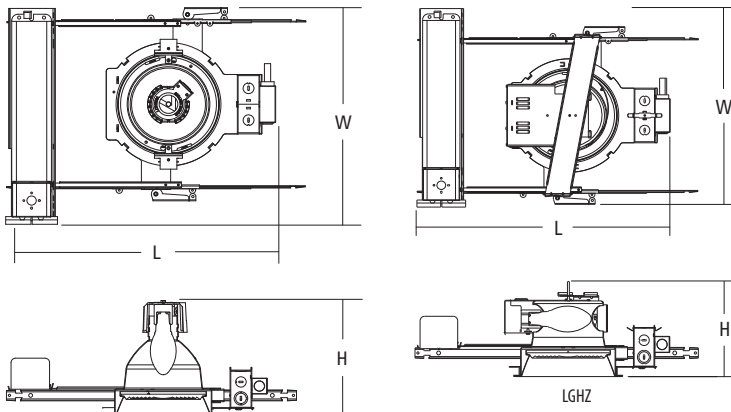
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES/ SOCKET	MAXIMUM WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LGH 6 (MED)	100	9-3/8 (23.8)	20-1/4 (51.4)	17-3/4 (45.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
LGH 8 (MED)	150	10 (25.4)	20-1/4 (51.4)	17-3/4 (45.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
LGH 10 (MOG)*	250	14-1/4 (36.2)	23-3/4 (60.3)	20-1/8 (51.1)	9-3/4 (24.8)	10-1/2 (26.7)	10-7/8 (27.6)
LGHZ 6 (MED)	100	6-3/4 (17.1)	20-1/4 (51.4)	17-3/4 (45.1)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
LGHZ 8 (MED)	100	7-7/8 (20.1)	20-1/4 (51.4)	17-3/4 (45.1)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
LGHZ 10 (MED)	100	8-5/8 (21.9)	23-3/4 (60.3)	17-3/4 (45.1)	9-3/4 (24.8)	10-1/2 (26.7)	10-7/8 (27.6)

* Medium-base socket used with 150W or lower metal halide lamps.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Not available on 6".
- Not available on 8".
- Only available on 10".
- Refer to chart for maximum wattage availability.
- 347V only for 175W and above.
- Available in 175W and 250W, 120V or 277V.
- Not available in 347V.
- Available in 150W and below only.

LAH

Intended Use

Provides uniform general illumination for institutional, office, commercial and retail applications.

Features

- Diffused anodized aluminum reflector
- Drop opal glass lens
- Die-cast aluminum regressed white door frame with gasketed flange
- Self-aligning butterfly door support spring
- Die-formed steel upper housing with white polyester powder paint

- Expandable mounting bars provide horizontal and vertical adjustment
- Horizontally-mounted, medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are UL Listed for thru-branch wiring, recessed mounting and wet locations. Listed and labeled to comply with Canadian standards.

**ORDERING INFORMATION**

Specifications subject to change.

Example: LAH 100M 11RW T73 120

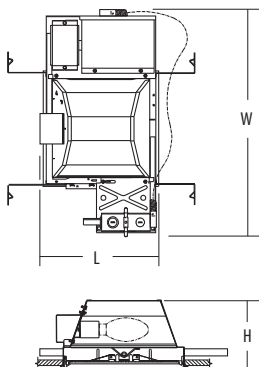
Series	Lamp type	Aperture/Door ⁴	Lens	Voltage	Ballast	Options
LAH	<u>Metal halide</u>					
	50M ¹	11 ⁵ RW ¹ Regressed white door	11" T73 Tempered prismatic lens	120	(blank) Electromagnetic ballast ⁷	For options and accessories, see pages 419-425.
	70M ¹	12 ⁶ FW ² Flush white door	SFL Semi-flush lens	208	SCWA Pulse-start ballast ^{8,9}	
	100M	SB ² Stepped black baffle	DOL Drop opal lens	240	HEB Electronic ballast ¹⁰	
	150M ²		12" T73 Tempered prismatic lens	277		
	175M ²		FHL Flat Holophane lens	347		
	250M ²		DHL Drop Holophane lens			
			FFL Flat fresnel lens			
	<u>High Pressure Sodium</u>					
	50S					
	70S					
	100S					
	150S					

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES/ SOCKET	MAXIMUM WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LAH T73 & DOL	100	6 (15.2)	13 1/4 (33.7)	24 (61)	10-1/8 (27)	12-1/4 (31.1)	12-5/8 (32.1)
LAH 11 SFL	100	6 (15.2)	12 (30.5)	23 (58.4)	10-1/8 (27)	11-1/4 (28.6)	11-5/8 (29.5)
LAH 12 (MOG)	175	7-3/4 (19.7)	12-3/8 (32.4)	17-3/4 (45.1)	10-7/8 (27.6)	12-1/4 (31.1)	12-5/8 (32.1)
LAH 12 (MOG)	250	7-3/4 (19.7)	18 (45.7)	17-3/4 (45.1)	10-7/8 (27.6)	12-1/4 (31.1)	12-5/8 (32.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 11" aperture only.
- 2 Available in 12" aperture only.
- 3 Available in 12 aperture, FFL, FHL, T3.
- 4 Refer to chart for maximum wattage availability.
- 5 Only available with RW door frame.
- 6 Not available with RW door frame.
- 7 347V only for 175W and above.
- 8 Available with 175W and 250W, 120V or 277V only.
- 9 Not available in 347V.
- 10 Available in 150W and below only.

PRODUCT INFORMATION

AAW

Vertical Lamp

**Intended Use**

For general downlight or wallwash applications that demand superior optical control, optimal color, rendering, and convenient dimming.

Features

- Self-flanged, semi-specular, matte-diffuse or specular reflector
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom
- Baffle/cone: Semi-specular clear upper reflector

- Microgroove baffle with white painted flange or specular black cone with flange that matches cone finish
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Die-cast aluminum lampholder housing

Listings

Fixtures are UL Listed for thru-branch wiring, recessed mounting and damp locations, and are NON-IC rated. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: A 4AR LD

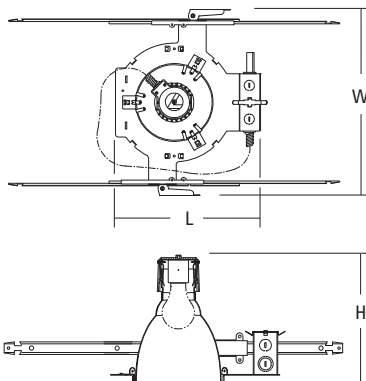
Series	Aperture/Trim ¹		Finish	Lens	Options
A Downlight	Aperture¹	Trim	(blank) Semi-specular	(blank) No lens	For options and accessories, see pages 419-425.
AW Wallwash	4	AR Clear	LD Matte-diffuse	CGL Clear glass lens	
	6	PR Pewter		T73 Tempered prismatic lens ⁴	
	8	WTR Wheat			
	10	GR Gold			
	12	WR White painted ²			
		BC Black cone ^{2,3,4}			
		MB Black baffle ^{2,4}			
		WB White baffle ^{2,4}			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES/SOCKET	MAXIMUM WATTAGE/LAMP	MAXIMUM HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
A 4 (MED)	100W A17/A19	8-7/16 (21.4)	13-5/8 (34.6)	15-7/8 (40.3)	4-5/16 (11.0)	5-1/8 (13.0)	5-7/16 (13.8)
AW 4 (MED)	100W/A19	8-7/16 (21.4)	13-5/8 (34.6)	15-7/8 (40.3)	4-5/16 (11.0)	5-1/8 (18.1)	7-1/2 (19.1)
A 6 (MED)	100W A17/A19	8-1/2 (21.6)	13-5/8 (34.6)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
A 6 (MED)	150W A21	9-1/2 (24.1)	13-5/8 (34.6)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AW 6 (MED)	100W A19	8-11/16 (21.1)	13-5/8 (34.6)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AW 6 (MED)	150W A21	9-11/16 (24.6)	13-5/8 (34.6)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
A 8 (MED)	150W A21	10-1/8 (25.7)	13-5/8 (34.6)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
A 8 (MED)	200W A23	11-1/8 (28.3)	13-5/8 (34.6)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
A 8 (MED)	300W PS25	11-3/4 (29.8)	13-5/8 (34.6)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AW 8 (MED)	150W A21	10-3/8 (26.4)	13-5/8 (34.6)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AW 8 (MED)	200W A23	11-3/8 (28.9)	13-5/8 (34.6)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
AW 8 (MED)	300W PS25	12 (30.5)	13-5/8 (34.6)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
A 10 (MED)	300W PS25	15-7/8 (40.3)	16-15/16 (43.0)	17-1/4 (43.8)	9-3/4 (24.8)	10-3/8 (26.4)	10-3/4 (27.3)
AW 10 (MED)	300W PS25	18-3/8 (46.7)	16-15/16 (43.0)	17-1/4 (43.8)	9-3/4 (24.8)	10-3/8 (26.4)	10-3/4 (27.3)
A 12 (MOG)	500W PS40	19-1/4 (48.9)	17 (43.2)	17-3/16 (43.7)	11-11/16 (29.7)	12-1/2 (31.8)	12-13/16 (32.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Refer to chart for maximum wattage/lamp availability.
- 2 Not available with finishes.
- 3 Not available in 10" aperture.
- 4 Not available with AW.

Intended Use

For general downlight or wallwash applications that demand superior optical control in shallow plenum areas.

Features

- Self-flanged, semi-specular, matte-diffuse or specular reflector
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- Baffle/Cone - Semi-specular clear upper reflector
- Microgroove baffle, white painted flange or specular black cone with flange that matches cone finish

- 16-gauge galvanized steel construction
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Galvanized steel lampholder housing

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

AZ AZW

Horizontal Lamp

**ORDERING INFORMATION**

Specifications subject to change.

Example: AZ 6AR

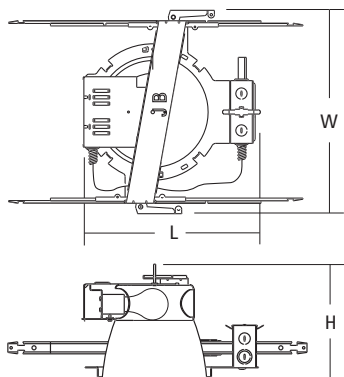
Series	Aperture/Trim ¹	Finish	Lens	Options
AZ Downlight	Aperture¹	(blank) Semi-specular	(blank) No lens	For options and accessories, see pages 419-425.
AZW Wallwash	6 AR Clear	LD Matte-diffuse	CGL Clear glass lens	
	8 PR Pewter	LS Specular ³	T73 Tempered prismatic lens ⁴	
	WTR Wheat			
	GR Gold			
	WR White painted ²			
	BC Black cone ^{2,3}			
	MB Black baffle ^{2,3}			
	WB White baffle ^{2,3}			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AZ/AZW 6	100W A17/A19	7-3/4 (19.7)	13-7/8 (35.2)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
AZ/AZW 8	150W A21	8-3/4 (22.2)	13-7/8 (35.2)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Refer to chart for maximum wattage availability.
- 2 Not available with finishes.
- 3 8" aperture only.
- 4 Not available with AZW fixture.

APR

Vertical Lamp

PAR



Intended Use

For general downlight applications that demand superior optical control, optimal color rendering, and convenient dimming.

Features

- Self-flanged semi-specular, matte-diffuse or specular reflector
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- Integrated snoot and optical system minimizes lamp striations normally associated with PAR lamps and creates visually pleasing scallops on vertical surfaces

- 16-gauge galvanized steel construction
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless post-installation adjustments
- Die-cast aluminum lampholder housing

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: APR PAR20 4AR

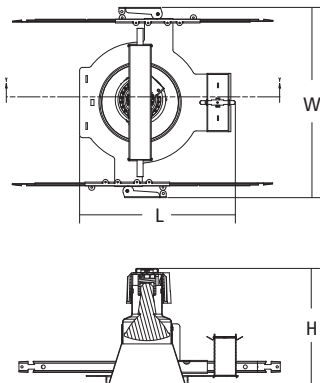
Series	Lamp type	Aperture/Trim ¹	Finish	Lens Type ³	Options
APR	PAR20 (50W max.) PAR30 (75W max.) PAR38 (250W max.)	Aperture¹ 4 6 8 Trim AR Clear BR Black ² PR Pewter WTR Wheat GR Gold WB White baffle ^{1,3}	(blank) Semi-specular LD Matte-diffuse LS Specular	(blank) No lens CGL Clear glass lens T73 Tempered prismatic lens	For options and accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
APR 4	50W PAR20	8-13/16 (22.4)	12-3/4 (32.4)	15-7/8 (40.3)	4-5/16 (10.9)	5-1/6 (12.9)	5-7/16 (13.8)
APR 4	75W PAR30	8-5/8 (21.9)	13-5/8 (34.3)	15-7/8 (40.3)	4-5/16 (10.9)	5-1/8 (13)	5-7/16 (13.8)
APR 6	75W PAR30	9-9/16 (24.3)	13-5/8 (34.3)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
APR 6	150W PAR38	11-5/8 (28.9)	13-5/8 (34.3)	15-7/8 (40.3)	6-1/4 (15.9)	7-1/8 (18.1)	7-1/2 (19.1)
APR 8	150W PAR38	11 (27.9)	13-5/8 (34.3)	15-7/8 (40.3)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for maximum wattage/lamp availability.
- 2 Not available with finishes.
- 3 Available in 4" and 6" aperture only. Refer to specification sheets for fixture height.

Intended Use

A small-aperture quartz downlight suitable for applications with high ceilings (GQ) or sloped ceilings (GQT), such as churches and large auditoriums requiring superior optical control, optimal color rendering and convenient dimming.

Features

- Three preset distribution patterns allow designers to achieve various design objectives
- Clear anodized upper reflector and 6-inch self-flanged, semi-specular, matte diffuse or specular finishing trim, provide 50° cut-off, optimal efficiency and glare control
- Center beam optical system centers the lamp relative to the aperture, optimizing luminaire efficiency
- Protective lamp guard utilizes clear ceramic technology that reduces UV emissions and provides higher heat tolerance and better protection than standard borosilicate lenses

- One-piece die-cast aluminum housing provides 3 square feet of surface area to dissipate heat and improve lamp life
- Lamp is accessible from above or below the ceiling without the use of tools; all hardware is captive
- Secondary housing adjustment system for precise, final ceiling to luminaire alignment eliminates trims that protrude into the space

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards. Suitable for installation on Non-fire resistant material

GQ
GQT

Quartz Halogen T4



ORDERING INFORMATION

Specifications subject to change.

Example: GQ 250 M 6AR

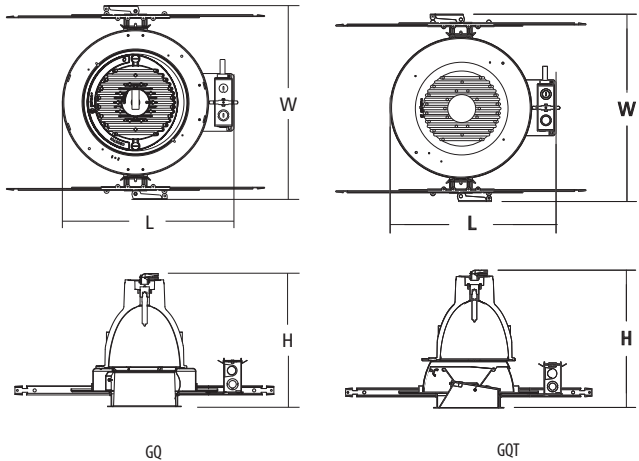
Series		Lamp type ¹	Distribution	Aperture/Trim			Finish	Options
GQ	Ellipsoidal reflector	150	N Narrow	6	Aperture Trim		(blank) Semi-specular	For options and accessories, see pages 419-425.
GQT	Ellipsoidal tilt reflector	250	M Medium		AR	Clear	LD Matte-diffuse	
		400	W Wide		BR	Black ²	LS Specular	
		500			PR	Pewter		
					WTR	Wheat		
					GR	Gold		
					MB	Black baffle ^{2,3}		
					WR	White		
					WB	White baffle ³		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
GQ	13-7/16 (34.1)	17-7/16 (44.3)	19-11/16 (50.0)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
GQT	14-5/8 (37.1)	17-7/16 (44.3)	19-11/16 (50.0)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Recommended for use with frosted lamp by Sylvania, GE, Philips, or Ushio.
- 2 Not available with finishes.
- 3 Available with GQ only.

HEQ

Hospital Exam Light Quartz Halogen T4



Intended Use

For use above a hospital bed in exam, intensive care or emergency room applications.

Features

- Clear anodized upper reflector and matte-white 6x9-inch self-flanged finishing trim provide optimal efficiency and glare control
- Asymmetric distribution provides increased intensity more towards the head of a typical hospital bed
- Borosilicate protective lamp guard provides safe luminaire operation
- Trim assembly retained by self-aligning torsion support springs

- Extruded aluminum lampholder housing designed for effective heat dissipation and positive light center positioning
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below the ceiling.
- Heavy-duty mini-can socket

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: HEQ 250 6X9WR

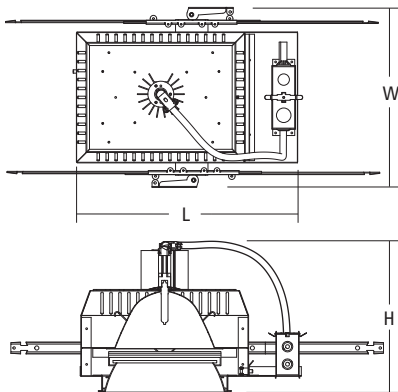
Series	Lamp type ¹	Aperture/Trim		Options
HEQ	250	Aperture 6X9	Trim WR White painted	For options and accessories, see pages 419-425.
	400			
	500			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/ LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
HEQ	500W T4	11-5/8(29.5)	17-1/16 (43.3)	13-7/8 (35.3)	6-1/8 (15.6) x 9-1/8 (23.1)	7 (17.8) x 9-3/4 (24.8)	7-1/4 (18.4) x 10-1/4(26)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Recommended for use with frosted lamp by Sylvania, EE, Philips Ushio.

Intended Use

For use special purpose downlighting applications that require enclosed optics.

Features

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency and an evenly illuminated aperture appearance
- Available with tempered prismatic lens (T73), flat Fresnel lens (FFL) or flat opal lens (FOL)
- Regressed white door (RW) or stepped black baffle (SB) are available with white painted flange provided

- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards.

**LG
LGZ**

Vertical or Horizontal Lamp

**Example: LG 6RW T73****ORDERING INFORMATION**

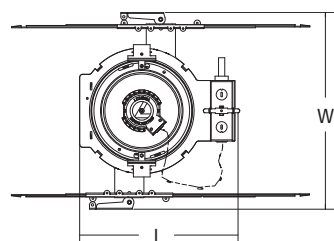
Specifications subject to change.

Series	Aperture/Door ¹	Lens	Options
LG Vertical	Aperture¹ Door	T73 Tempered prismatic lens	For options and accessories, see pages 419-425.
LGZ Horizontal	6 RW Regressed white door	FFL Flat Fresnel lens	
	8 SB Stepped black baffle	FOL Flat opal lens	
	10		

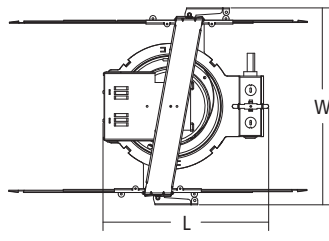
ADDITIONAL INFORMATIONFor additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT(H)	LENGTH(L)	WIDTH(W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LG6	150W A21	9-1/8(23.2)	13-7/8(35.2)	15-7/8(40.3)	6-1/4(15.9)	7-1/8(18.1)	7-1/2(19.1)
LG8	200W A23	10-1/4(26.0)	13-7/8(35.2)	15-7/8(40.3)	7-7/8(20.1)	8-7/8(22.5)	9-1/4(23.5)
LG10	300W PS25	14-3/8(36.5)	17(43.2)	17-1/4(43.8)	9-3/4(24.8)	10-1/2(26.7)	10-7/8(27.6)
LGZ6	100W A17/A19	6-3/4(17.1)	13-7/8(35.2)	15-7/8(40.3)	6-1/4(15.9)	7-1/8(18.1)	7-1/2(19.1)
LGZ8	150W A21	7-7/8(20.1)	13-7/8(35.2)	15-7/8(40.3)	7-7/8(20.1)	8-7/8(22.5)	9-1/4(23.5)
LGZ10	200W A23	8-5/8(21.9)	17(43.2)	17-1/4(43)	9-3/4(24.8)	10-1/2(26.7)	11-1/8(28.3)

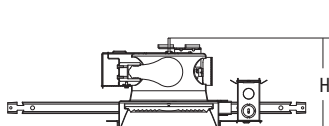
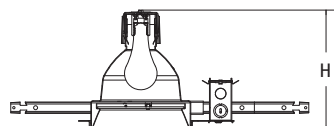
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



LG - Vertical Lamp



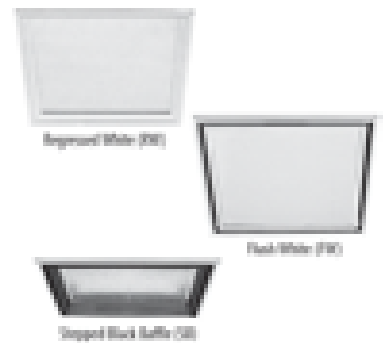
LGZ - Horizontal Lamp

**Notes**

¹ Refer to chart for maximum wattage availability.

LA

Horizontal Lamp



- Intended Use**
Provides uniform general illumination for institutional, office, commercial and retail applications.
- Features**
- Diffused anodized aluminum reflector
 - Available with tempered prismatic lens (T73), drop opal lens (DOL), or semi-flush symmetric lens (SFL)
 - Die-cast aluminum regressed white door frame with gasketed flange
 - Self-aligning butterfly door support springs

- Die-formed steel upper housing with white polyester powder paint
- Expandable mounting bars provide horizontal and vertical adjustment
- Galvanized steel junction box with bottom-hinged access covers and spring latches

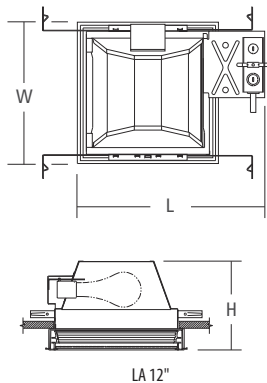
Listings
Fixtures are UL Listed for thru-branch wiring, recessed mounting and wet locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION		Specifications subject to change.		Example: LA 11RW T73	
Series	Aperture/Door ¹	Lens	Options	For options and accessories, see pages 419-425.	
LA	Aperture¹ 11 ² RW Regressed white door 12 ³ SB Stepped black baffle SW Stepped white baffle FW Flush white door	11" T73 Tempered prismatic lens DOL Drop opal lens SFL Semi-flush symmetric lens 12" T73 Tempered prismatic lens FFL Flat Fresnel lens FHL Flat Holophane lens DHL Drop Holophane lens			

ADDITIONAL INFORMATION For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
LA 11	200W A23	6 (15.2)	12-1/16 (30.6)	16-11/16 (42.4)	10-5/8 (27.0)	11-1/4 (28.6)	11-1/8 (27)
LA 12	200W A23	7-3/4 (19.7)	12-5/8 (32.1)	17-3/16 (43.7)	10-7/8 (27.6)	12-1/4 (31.3)	12-5/8 (32.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for maximum wattage availability.
- 2 Only available with RW door.
- 3 Not available with RW door.

Intended Use

For general wallwash applications that demand high efficiency, uniform vertical illumination and low aperture brightness.

Features

- Self-flanged, semi-specular or matte-diffuse compound contour finishing trim in combination with keyed, proprietary Gotham spread lens delivers a uniform distribution of light to the wall
- Retained by self-aligning support spring
- Optical assembly rotates +/- 90°
- Formed housing with matte black finish

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped preinstalled
- Post installation adjustment possible without the use of tools from above or below ceiling
- Secondary housing adjustment system for precise, final ceiling to flange alignment

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

DLWF

Double Twin-Tube (DTT)
Triple-Tube (TRT)



Example: DLWF 1/32TRT 6AR MVOLT

ORDERING INFORMATION

Specifications subject to change.

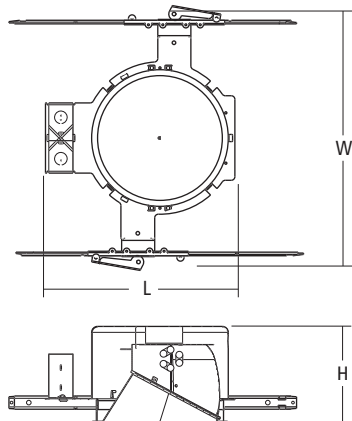
Series	Number of lamps/Lamp type		Aperture/Trim			Finish	Voltage	Options
DLWF	Number of lamps	Lamp type	Aperture	Trim		(blank) Semi-specular LD Matte-diffuse	MVOLT ⁴	For options and accessories, see pages 419-425.
	1/	26DTT ²	6	AR	Clear		120	
	2/ ¹	13TRT	8	PR	Pewter		277	
		18TRT		WTR	Wheat		347	
		26TRT		BR	Black ³			
		32TRT		WR	White painted ³			
		42TRT						

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DLWF 6	6-5/8 (16.9)	14-1/8 (35.9)	18-7/16 (46.8)	6-1/4 (15.9)	7-1/8 (18.1)	7-5/8 (19.5)
DLWF 8	6-5/8 (16.9)	14-1/8 (35.9)	18-7/16 (46.8)	8 (20.3)	8-7/8 (22.5)	9-3/8 (23.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 26DTT lamp only, 8" aperture only.
- 2 1/26DTT ships as a TRT fixture.
- 3 Not available with finishes.
- 4 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.

DPH

Adjustable Lamp

PAR



Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums and retail areas where efficient and precise, aimable accent lighting is desired.

Features

- Center Beam optical system centers the lamp relative to the aperture, optimizing lamp efficiency
- Tool-less 0° - 40° vertical and 355° horizontal lamp adjustments made with the trim assembly removed for simple focusing
- Lockable adjustment mechanisms maintain focus during relamping and are visible from below the ceiling with trim assembly removed; designed to allow hot aiming

- Self-flanged, semi-specular or matte-diffuse cone designed to minimize backflash
- Black painted housing features tool-less top access
- Re-lamp capability from above or below ceiling
- Post installation adjustment possible without the use of tools from above or below the ceiling; shipped pre-installed
- Tool-less access door provides access to junction box through the aperture

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: DPH P38100M 8ACT30 120

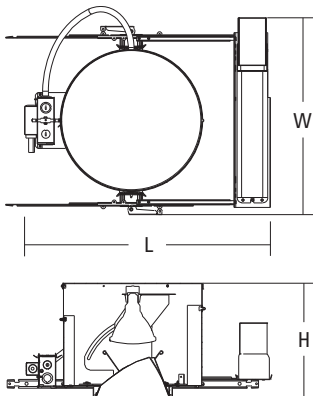
Series	Lamp type/Wattage			Aperture/Trim/Type ¹				Finish	Voltage	Ballast		Options	
DPH	Lamp type	Wattage		Aperture ¹	Trim	Type		(blank)	Semi-specular	120	(blank)	Electromagnetic ballast	For options and accessories, see pages 419-425.
	P20	<u>Metal halide</u>		4	AC	Clear	T00	Cut for angles 0° - 15°	LD	Matte-diffuse	277	HEB	
	P30	70M	PAR38	6	PC	Pewter	T20	Cut for angles 15° - 25°	LS	Specular	347		
	P38	100M	PAR38	8	WTC	Wheat	T30	Cut for angles 25° - 40°					
		150M	PAR38		WC	White painted ²							
		<u>Color-corrected metal halide</u>			BC	Black ²							
		39MHC	PAR20 or PAR30		MB	Black baffle ²							
		70MHC	PAR30 or PAR38		WB	White baffle ²							
		100MHC	PAR38										
		150MHC	PAR38										

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE	WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DPH 4	P20	39MHC (PAR20)	9-1/2 (24.1)	18-3/4 (47.6)	18-1/4 (46.4)	4-3/8 (11.1)	5-1/8 (13.0)	5-7/16 (13.8)
DPH 6	P38	70, 100, 150M (PAR 38)	12-1/8 (30.8)	25-5/8 (65.1)	19-3/4 (50.2)	6-1/4 (15.9)	6-7/8 (17.5)	7-3/8 (18.7)
DPH 6	P38	70, 100, 150MHC (PAR 38)	12-1/8 (30.8)	25-5/8 (65.1)	19-3/4 (50.2)	6-1/4 (15.9)	6-7/8 (17.5)	7-3/8 (18.7)
DPH 6	P30	39, 70 MHC (PAR 30)	12-1/8 (30.8)	25-5/8 (65.1)	19-3/4 (50.2)	6-1/4 (15.9)	6-7/8 (17.5)	7-3/8 (18.7)
DPH 8	P38	70, 100, 150M (PAR 38)	12-1/8 (30.8)	25-5/8 (65.1)	19-3/4 (50.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
DPH 8	P38	70, 100, 150MHC (PAR 38)	12-1/8 (30.8)	25-5/8 (65.1)	19-3/4 (50.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
DPH 8	P30	39, 70 MHC (PAR 30)	12-1/8 (30.8)	25-5/8 (65.1)	19-3/4 (50.2)	7-7/8 (20.1)	8-7/16 (21.4)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for lamptype and wattage availability.
- 2 Not available with LD cinsih.
- 3 Available in 120V or 277V.

DLWH

PAR
ED17



Intended Use

For general wallwash applications that demand high efficiency, uniform vertical illumination and low aperture brightness.

Features

- Self-flanged, semi-specular or matte-diffuse compound contour finishing trim in combination with keyed, proprietary Gotham spread lens delivers a uniform distribution of light to the wall
- Retained by two self-aligning support spring
- Internal housing components painted black
- Formed housing with matte black finish
- 16-gauge galvanized steel mounting/plaster frame

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Secondary housing adjustment system for precise, final ceiling to flange alignment
- Galvanized steel junction box with hinged access covers and spring latch
- Thermally-activated insulation detector

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: DLWH P3870M 6AR 120

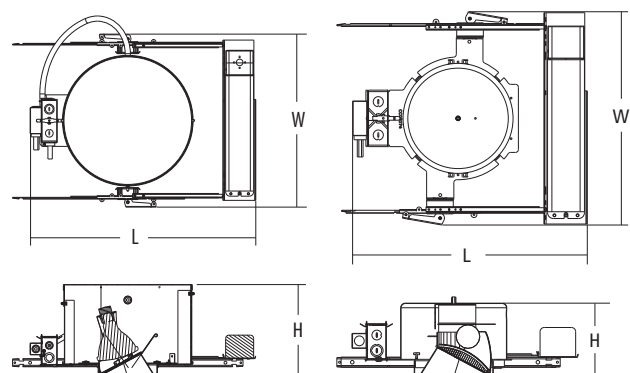
Series	Lamp type	Aperture/Trim	Finish	Voltage	Ballast	Options
DLWH	Metal halide (PAR lamp)	Aperture Trim	(blank) Semi-specular	120	(blank) Electro-	For options and accessories, see
	P3870M 70W PAR38	6 AR Clear	LD Matte-diffuse	277	magnetic ballast	page 419-425.
	P38100M 100W PAR38	8 PR Pewter		347	HEB Electronic ballast ²	
	Metal halide (ED17)	WTR Wheat				
	50M	BR Black ¹				
	70M	WR White painted ¹				
	100M					

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DLWH 6 PAR	10-9/16 (26.8)	25-5/8 (65.1)	19-11/16 (50)	6-1/4 (15.9)	6-7/8 (17.5)	7-5/8 (19.4)
DLWH 8 PAR	10-9/16 (26.8)	25-5/8 (65.1)	19-11/16 (50)	8 (20.3)	8-7/8 (22.5)	9-3/8 (23.8)
DLWH 6 ED17	6-5/8 (16.9)	20-1/4 (51.5)	18-7/16 (46.8)	6-1/4 (15.9)	7-1/8 (18.1)	7-5/8 (19.4)
DLWH 8 ED17	6-5/8 (16.9)	20-1/4 (51.5)	18-7/16 (46.8)	8 (20.3)	8-7/8 (22.5)	9-3/8 (23.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Not available with finishes.
- Available in 120V or 277V only.

DLWTH

Adjustable Lamp

T4

T6



Intended Use

For general wallwash applications that demand high efficiency, uniform vertical illumination and low aperture brightness.

Features

- Self-flanged, semi-specular or matte-diffuse compound contour finishing trim in combination with keyed, proprietary Gotham spread lens delivers a uniform distribution of light to the wall
- Optical system retained by self-aligning torsion support springs
- Black painted housing features tool-less top access
- Tool-less re-lamp capability from above or below ceiling
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed

- Post installation adjustment possible without the use of tools from above or below ceiling
- Secondary housing adjustment system for precise, final ceiling to flange alignment
- Tool-less access door provides access to junction box and ballast through the aperture
- G12, G8.5 or PGJ5 base ceramic socket
- Thermally activated insulation detector

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: DLWTH T6 39MHC 6AR 120

Series	Lamp type	Wattage	Aperture/Trim ⁸		Finish	Voltage	Ballast	Options
DLWTH	T4T ^{1,2}	20MHC	Aperture ⁸	Trim	(blank) Semi-specular	120	(blank) Electronic ballast	For options and accessories, see pages 419-425.
	T4 ^{2,3}	39MHC			LD Matte-diffuse	277	EMB Electromagnetic ballast	
	T6 ⁴	70MHC	6	BR Black ⁶		347 ⁷		
		150MHC ⁵			PR Pewter			
				WTR Wheat				

ADDITIONAL INFORMATION

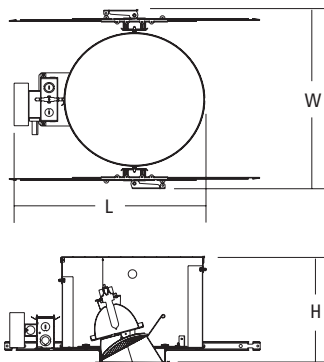
For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DLWTH 4	9-13/16 (24.9)	15-9/16 (39.5)	15-3/16 (38.6)	4-3/8 (11.1)	5-1/16 (12.9)	5-7/16 (13.8)
DLWTH 6	10-3/4 (27.3)	15-9/16 (39.5)	15-3/16 (38.6)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)

EMB DIMENSIONS

Length	25-5/8 (65.1)
Width	19-3/4 (50.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Philips Mini MasterColor® available in 20W and 120V only. Consult factory for availability on 39W.
- 2 Available with electronic ballast only.
- 3 Available in 20W, 39W and 70W only.
- 4 Available in 39W, 70W and 150W only.
- 5 Available in 6" aperture only.
- 6 Not available with finishes.
- 7 Available with 70W & 150W electromagnetic (EMB) ballast option only.
- 8 Refer to spec sheet for lamp type and wattage availability.

Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, and retail areas where efficient and precise, aimable accent lighting is desired.

Features

- Center Beam optical system centers the lamp relative to the true aperture, optimizing lamp efficiency
- Tool-less 0°- 40° vertical and 355° horizontal lamp adjustments made with the trim assembly removed for simple focusing
- Lockable adjustment mechanisms maintain focus during relamping and are visible from below the ceiling with trim assembly removed
- Self-flanged, semi-specular or matte-diffuse anodized cone designed to minimize backflash
- Interchangeable upper reflectors provide narrow, medium and wide distributions

- Optical system retained by self-aligning torsion support springs
- Black painted housing features tool-less top access
- Tool-less re-lamp capability from above or below ceiling
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools above or below ceiling
- Secondary housing adjustment system for precise, final ceiling to flange alignment
- Tool-less access door provides access to junction box and ballast through the aperture
- Thermally-activated insulation detector

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

DTH

Adjustable Lamp

T4

T6

**ORDERING INFORMATION**

Specifications subject to change.

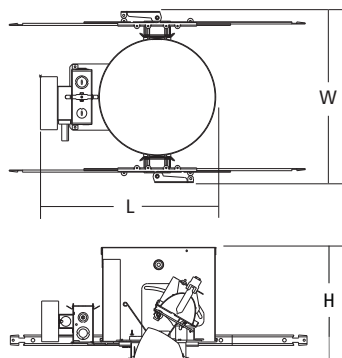
Example: DTH T6 39MHC 6ACT30 N 120

Series	Lamp type	Wattage	Aperture/Trim /Type ⁸					Distribution	Finish		Voltage	Ballast		Options						
DTH	T4T ^{1,2}	20MHC	Aperture ⁸	Trim	Type			N	Narrow	(blank)	Semi-specular	120	(blank)	Electronic ballast	For options and accessories, see pages 419-425.					
	T4 ^{2,3}	39MHC						4	AC	Clear	T00	Cut for angles 0°-15°	M	Medium		LD	Matte-diffuse	277	EMB	Electromagnetic ballast
	T6 ⁴	70MHC						6	BC	Black ⁶	T20	Cut for angles 15°-25°	W	Wide						
		150MHC ⁵							PC	Pewter	T30	Cut for angles 25°-40°								
				WTC	Wheat															

ADDITIONAL INFORMATIONFor additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DTH 4	9-13/16 (24.9)	15-9/16 (39.5)	15-3/16 (38.6)	4-3/8 (11.1)	5-1/16 (12.9)	5-7/16 (13.8)
DTH 6	10-13/16 (27.5)	20-3/16 (51.3)	19-11/16 (50.0)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Philips Mini MasterColor® available in 20W and 120V only. Consult factory for availability on 39W.
- Available with electronic ballast only.
- Available in 20W, 39W, and 70W only.
- Available in 39W, 70W, and 150W only.
- Available in 6" aperture only. Not available with EMB ballast.
- Not available with finishes.
- Available with 70W and 150W electromagnetic (EMB) ballast option only.
- Refer to spec sheet for lamp type and wattage availability.

DP

Adjustable Lamp

PAR



Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, and retail areas where efficient and precise, aimable accent lighting is desired.

Features

- Self-flanged, semi-specular clear, matte-diffuse or highly specular cone designed to minimize back flash
- Contour cut reduces visibility of inner housing
- Center Beam optical system centers the lamp relative to the true aperture, optimizing lamp efficiency
- Tool-less 0°- 40° vertical and 355° horizontal lamp adjustments made with the trim assembly removed for simple focusing
- Lockable adjustment mechanisms maintain focus during re-lamping and are visible from below the ceiling with trim assembly removed

- Designed to allow hot aiming
- Trim assembly retained by self-aligning torsion springs.
- Re-lamp capability from above or below ceiling
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Previous installation adjustment possible without the use of tools above or below ceiling
- Tool-less access door provides access to junction box through the aperture

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: DP PAR16-30S 6ACT30

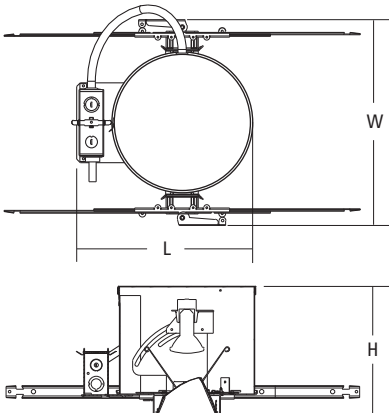
Series	Lamp type	Aperture/Trim/Type ²	Finish	Options
DP	PAR16-30S PAR16, PAR20 or PAR30S (short-neck) (75W max.)	Aperture²	(blank)	For options and accessories, see pages 419-425.
	PAR30L-38 PAR30L (longneck) or PAR38 (250W max.)	Trim	Semi-specular	
	PAR46 PAR46 (200W max.)	Type	LD Matte-diffuse	
	PAR56 PAR56 (300W max.)	4 AC Clear T00 Cut for angles 0°-15°	LS Specular	
	PAR38/3 ¹ PAR38 Med side prong (150W max.) compatibility	6 PC Pewter T20 Cut for angles 15°-25°		
		8 WTC Wheat T30 Cut for angles 25°-40°		
		BC Black ³		
		WC White painted ³		
		MB Black baffle ³		
		WB White baffle ³		
		GC Gold		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DP 4	PAR 16-30S	9-1/2 (24.1)	13 (33.0)	15-1/8 (38.4)	4-3/8 (11.1)	5-1/16 (12.9)	5-7/16 (13.8)
DP 6	PAR 16-30S	10-1/2 (26.7)	17-3/8 (44.1)	19-3/4 (50.2)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
DP 6	PAR30L-38	12-1/8 (30.8)	17-3/8 (44.1)	19-3/4 (50.2)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
DP 8	PAR16-30S	10-1/2 (26.7)	17-3/8 (44.1)	19-3/4 (50.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
DP 8	PAR30L-38	12-1/8 (30.8)	17-3/8 (44.1)	19-3/4 (50.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
DP 8	PAR46	12-1/8 (30.8)	17-3/8 (44.1)	19-3/4 (50.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)
DP 8	PAR56	12-1/8 (30.8)	17-3/8 (44.1)	19-3/4 (50.2)	7-7/8 (20.1)	8-7/8 (22.5)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 6" aperture only.
- 2 Refer to chart for lamp type availability.
- 3 Not available with finishes.

DLW
PAR



Intended Use

For general wallwash applications that demand superior optical control, optimal color rendering and convenient dimming.

Features

- Self-flanged, semi-specular, matte-diffuse or specular compound contour finishing trim in combination with keyed, proprietary Gotham spread lens delivers a uniform distribution of light to the wall
- Retained by two self-aligning torsion springs
- Relamping capability from above or below ceiling
- Internal housing components painted black
- Optical assembly rotates 355°
- Rolled steel housing wrap with junction box access door allows for easy maintenance through the aperture

- Black painted steel mounting frame features tool-less top access
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools from above or below ceiling
- Secondary housing adjustment system for precise, final flange to ceiling alignment
- Thermally-activated insulation detector is replaceable without the use of tools

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: DLW 6AR

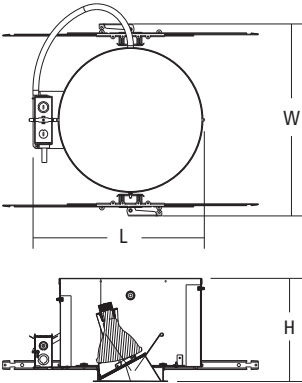
Series	Aperture/Trim ¹		Finish	Options
DLW	Aperture¹		(blank) Semi-specular LD Matte-diffuse LS Specular	For options and accessories, see pages 419-425.
	6	AR Clear		
		BR Black ²		
	8	PR Pewter		
		WTR Wheat		
		CR Champagne gold		
		GR Gold		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DLW 6	250W PAR38	10-9/16 (26.8)	18 (45.7)	19-11/16 (50)	6-1/4 (15.9)	6-7/8 (17.5)	7-5/8 (19.4)
DLW 8	250W PAR38	10-9/16 (26.8)	18 (45.7)	19-11/16 (50)	8 (20.3)	8-7/8 (22.5)	9-3/8 (23.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Refer to chart for maximum wattage availability.
- ² Not available with finishes.

DLV

Vertical Lamp



Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, retail areas and residences where precise accent lighting is desired.

Features

- Internal housing components painted matte black. Lamp snoot minimizes stray light in housing
- Self-flanged semi-specular, matte-diffuse or specular cone with flange that matches cone finish
- Optical system retained by self-aligning, torsion support springs
- Accommodates up to two lenses, filters or louvers
- Softening lens standard
- Re-lamp capability from above or below ceiling

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools above or below ceiling
- Secondary housing adjustment system for precise, final flange to ceiling alignment
- Replaceable socket assembly
- MR16 socket assembly standard
- 12-volt electronic transformer is replaceable without the use of tools

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: DLV DWN MR16 4AC 120

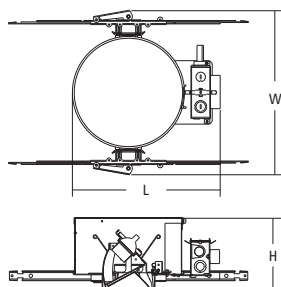
Series	Configuration	Lamp type	Aperture/Trim ²	Finish	Voltage	Options
DLV	DWN	MR16	Aperture² Trim	(blank) Semi-specular	120	For options and accessories, see pages 419-425.
		MR11	1 AC Clear ³	LD Matte-diffuse	277	
		ALR12	2 PC Pewter ³	LS Specular	347	
		ALR18	3 WTC Wheat ³			
		AR70 ¹	4 B Black ^{4,5}			
			BC Black cone ^{3,5}			
			WC White painted ^{4,6}			
			MB Black baffle ^{3,5}			
			WB White baffle ^{5,6}			
			P Pinhole ^{5,7}			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE (MAXIMUM 75W)	APERTURE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	CEILING OPENING	OVERLAP TRIM
DLV DWN 1P	MR16, MR11, ALR12	1 (2.5)	6-3/4 (17.1)	13-11/16 (34.8)	15-1/8 (38.4)	5-1/16 (12.9)	5-1/2 (14.0)
DLV DWN 2B	MR16, MR11, ALR12	2 (5.1)	6-3/4 (17.1)	13-11/16 (34.8)	15-1/8 (38.4)	5-1/16 (12.9)	5-1/2 (14.0)
DLV DWN 3AC	MR16, MR11, ALR12, ALR18, AR70	3 (7.6)	6-3/4 (17.1)	13-11/16 (34.8)	15-1/8 (38.4)	5-1/16 (12.9)	5-1/2 (14.0)
DLV DWN 4AC	MR16, MR11, ALR12, ALR18, AR70	4-5/16 (11)	6-3/4 (17.1)	13-11/16 (34.8)	15-1/8 (38.4)	5-1/16 (12.9)	5-1/2 (14.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Clear safety lens standard with AR70 lamp designation.
- 2 Refer to chart for lamp type and maximum wattage availability.
- 3 Available in 3" and 4" aperture only.
- 4 Available with 2" aperture only.
- 5 Not available with finishes.
- 6 Available in 4" aperture only.
- 7 Available in 1" aperture only.

Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, retail areas and residences where wallwash accent lighting is desired.

Features

- Self-flanged, semi-specular matte-diffuse or specular cone with spread lens. Minimum flange matches cone finish
- Optical system is retained by self-aligning, torsion support springs
- Optical system designed for spot lamps
- Tool-less 355° horizontal aiming adjustments are made with optical system removed

- Adjustment mechanism is lockable to maintain focus during relamping
- Black painted housing features tool-less top access
- Re-lamp capability from above or below ceiling
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed
- Post installation adjustment possible without the use of tools above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

DLV
Wallwash



ORDERING INFORMATION

Specifications subject to change.

Example: DLV WSH MR16 4AC 120

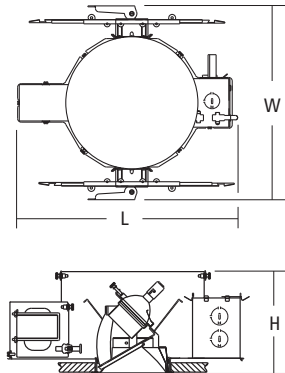
Series	Configuration	Lamp type	Aperture/Trim ¹		Finish	Voltage	Options
DLV	WSH	MR16	3	Aperture	(blank)	120	For options and accessories, see pages 419-425.
		MR11		Trim	Semi-specular		
		ALR12	4	AC Clear	LD Matte-diffuse	277	
		ALR18		PC Pewter	LS Specular	347	
		AR70		WTC Wheat			
				GR Gold			
				BC Black ²			
				WC White painted ^{2,3}			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE (MAXIMUM 75W)	APERTURE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	CEILING OPENING	OVERLAP TRIM
DLV WSH 3	MR16, MR11, ALR12, ALR18, AR70	3 (7.6)	6-3/4 (17.1)	13-11/16 (34.8)	15-1/4 (38.7)	5-1/16 (12.9)	5-1/2 (14.0)
DLV WSH 4	MR16, MR11, ALR12, ALR18, AR70	4-15/16 (11)	6-3/4 (17.1)	13-11/16 (34.8)	15-1/8 (38.4)	5-1/16 (12.9)	5-1/2 (14.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Refer to chart for lamp type and maximum wattage availability.
- ² Not available with finishes.
- ³ Available in 4" aperture only.

DLV

Adjustable Lamp



Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, retail areas and residences where precise, aimable accent lighting is desired.

Features

- Rolled steel housing with matte black finish and plaster flange
- Expandable, self-locking mounting bars provide horizontal and vertical adjustment
- Secondary housing adjustment system for precise ceiling-to-flange alignment

- Tool-less access door to thru-wire junction box
- Trim assembly retained by two, self-aligning torsion support rings
- Self-flanged semi-specular matte-diffuse or specular reflector in 3" and 4" aperture (seamless white cast faceplate in 1", 2" and 3" aperture)
- Optical design maximizes light output while minimizing high-angle brightness and backflash

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: DLV ADJ MR16 4ACT30 120

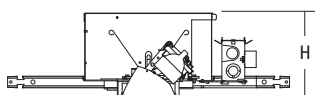
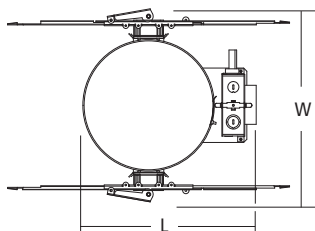
Series	Configuration	Lamp type	Aperture/Trim/Type ¹				Finish	Voltage	Options
DLV	ADJ	MR16	Aperture	Trim	Type		(blank)	Semi-specular	For options and accessories, see pages 419-425.
		MR11	1 ²	AC	Clear	T00	Straight cut, for angles 0°-15° ⁰⁵	LD	
		ALR12	2 ²	PC	Pewter	T20	Tapered cut, for angles 15°-25° ⁰⁵	LS	
		ALR18	3	WTC	Wheat	T30	Tapered cut, for angles 25°-45° ⁰⁵		
		AR70	4	CC	Champagne gold				
				GC	Gold				
				BC	Black ³				
				WC	White painted ^{3,4}				
				MB	Black baffle ^{3,5}				
				WB	White baffle ^{3,4}				
				P	Pinhole ^{3,6}				
				S	Slotted ^{3,7}				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE (MAXIMUM 75W)	APERTURE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	CEILING OPENING	OVERLAP TRIM
DLV ADJ 1P	MR16, MR11, ALR12	1 (2.5)	6-3/4 (17.1)	15-1/8 (38.4)	13-11/16 (34.8)	5-1/16 (12.9)	5-1/2 (14.0)
DLV ADJ 1S	MR16, MR11, ALR12	1-1/16 (2.7) x 2-5/16 (5.8)	6-3/4 (17.1)	15-1/8 (38.4)	13-11/16 (34.8)	5-1/16 (12.9)	5-1/2 (14.0)
DLV ADJ 2	MR16, MR11, ALR12	2 (5.1)	6-3/4 (17.1)	15-1/8 (38.4)	13-11/16 (34.8)	5-1/16 (12.9)	5-1/2 (14.0)
DLV ADJ 2S	MR16, MR11, ALR12	2-1/16 (5.2) x 2-13/16 (7.1)	6-3/4 (17.1)	15-1/8 (38.4)	13-11/16 (34.8)	5-1/16 (12.9)	5-1/2 (14.0)
DLV ADJ 3	MR16, MR11, ALR12, ALR18, AR70	3 (7.6)	6-3/4 (17.1)	15-1/8 (38.4)	13-11/16 (34.8)	5-1/16 (12.9)	5-1/2 (14.0)
DLV ADJ 4	MR16, MR11, ALR12, ALR18, AR70	4-5/16 (11)	6-3/4 (17.1)	15-1/8 (38.4)	13-11/16 (34.8)	5-1/16 (12.9)	5-1/2 (14.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for lamp type and wattage availability.
- 2 Available with Pinhole (P) or Slotted (S) trim type only.
- 3 Not available with finishes.
- 4 Available in 4" aperture only.
- 5 Available in 3" and 4" aperture only.
- 6 Available in 1" aperture only. Not available with tapered cut.
- 7 Available in 1" and 2" apertures only. Not available with tapered cut.
- 8 Available in 2" aperture only.
- 9 Not available with WC, MB, or WB.



Gotham Squares is a complete family of downlight, wallwash and adjustable luminaires that addresses a wide range of lighting needs for commercial and architectural applications. Meticulously engineered to meet high standards for efficiency and control, the Squares family ensures precision alignment and absolute consistency of aperture appearance. Squares are available in 4" and 6" apertures in a wide range of compact fluorescent, HID and incandescent sources including MR16, PAR and T4/T6.



PRODUCT INFORMATION

SQF

SQFW

Horizontal Lamp
Double-Twin Tube (DTT)
Triple-Tube (TRT)



Intended Use

For general downlight or wallwash applications that demand high efficiency and superior optical control, and where a square aperture shape is preferred.

Features

- Self-flanged, matte-diffuse high-impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Upper reflector is painted a highly reflective matte white providing diffuse, even light with high efficiency
- Proprietary Gotham diffusing lens available
- One piece trim eliminates mitered flange corners and inside corner gaps

- Wallwash: dual kicker design along with Gotham proprietary spread lens delivers uniform distribution of light to the wall
- Patent pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Requires access above ceiling.

ORDERING INFORMATION

Specifications subject to change.

Example: SQFW 1/26TRT 4AR LD MVOLT

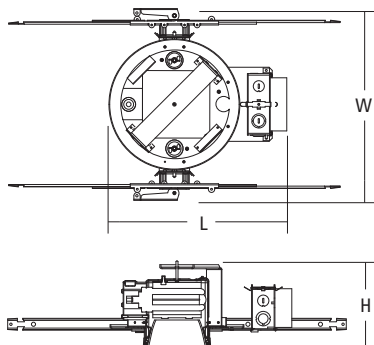
Series	Number of lamps/Lamp type		Aperture/Trim			Finish		Lens ⁵		Voltage	Options
SQF	Number of lamps SQFW 1/	Lamp type	Aperture	Trim		(blank)	Semi-specular ⁴	(blank)	No lens	MVOLT ⁶	For options and accessories, see pages 419-425.
		18DTT ^{1,2}	4	AR	Clear	LD	Matte-diffuse	CSL	Concentric square lens	120	
		26DTT ^{1,2}	6	PR	Pewter					277	
		18TRT		WTR	Wheat			SOL	Solite lens	347	
		26TRT		WR	White ³						
		32TRT		BR	Black ³						
		42TRT ²		DSR	Stepped						
				PDSR	Pewter stepped						
				WDSR	Wheat stepped						

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQF/SQFW 4	6-13/16 (17.3)	14-1/16 (35.7)	15-3/16 (38.6)	4-1/2 (11.4)	5-1/8 (13.0)	5-3/4 (14.6)
SQF/SQFW 6	7-1/2 (19.1)	18-9/16 (47.2)	19-13/16 (50.3)	6 (15.2)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Ships as TRT fixture.
- 2 Available in 6" aperture only.
- 3 Not available in finishes.
- 4 Available with WR, BR colors and SQMT metal trim option.
- 5 Not available with SQFW.
- 6 Multi-volt electronic ballast capable of operating on any line voltage from 120V to 277V, 50 or 60Hz.

SQTH

Vertical Lamp

T4
T6



Intended Use

For general downlighting applications that demand high efficiency and superior optical control and where a square aperture shape is preferred.

Features

- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Interchangeable upper reflectors provide narrow, medium and wide distributions
- 1/8" thick softening lens eliminates beam striations and provides required protective shielding
- One piece trim eliminates mitered flange corners and inside corner gaps

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling
- 3000K lamp ships standard

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Requires access above ceiling.

Example: SQTH T6 70MHC 6AR N LD 120

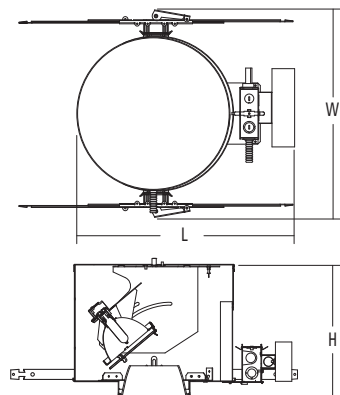
ORDERING INFORMATION		Specifications subject to change.					Example: SQTH T6 70MHC 6AR N LD 12		
Series	Lamp type	Wattage	Aperture/Trim ⁵			Distribution	Finish	Voltage	Options
SQTH	T4T ¹	20MHC	Aperture⁵ Trim			N Narrow	(blank) Semi-specular	120	For options and accessories, see pages 419-425.
	T4 ²	39MHC	4	AR	Clear	M Medium	LD Matte-diffuse	277	
	T6 ³	70MHC	6	PR	Pewter	W Wide		347	
		150MHC ⁴		WTR	Wheat				
				WR	White				
				BR	Black				
				DSR	Stepped				
				PDSR	Pewter stepped				
				WDSR	Wheat stepped				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE	WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQTH 4	T4T	20, 39 MHC	9-7/8 (25.1)	17-3/16 (43.7)	15-1/4 (38.9)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQTH 4	T4	20, 39, 70 MHC	9-7/8 (25.1)	17-3/16 (43.7)	15-1/4 (38.9)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQTH 4	T6	39, 70 MHC	9-7/8 (25.1)	17-3/16 (43.7)	15-1/4 (38.9)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQTH 6	T4T	20, 39 MHC	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)
SQTH 6	T4	20, 39, 70 MHC	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)
SQTH 6	T6	39, 70, 150 MHC	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Philips Mini MasterColor available in 20W, 39W and 120V only.
- Available in 20W, 39W and 70W only.
- Available in 39W, 70W and 150W only.
- Available with 6" aperture only.
- Refer to chart for lamp type and wattage availability.

SQHZ SQHZW

Horizontal Lamp ED17



Intended Use

For general downlight or wallwash applications that demand high efficiency, and superior optical control, and where a square aperture shape is preferred.

Features

- Self-flanged, matte-diffuse high-impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Upper reflector is painted a highly reflective matte white providing diffuse, even light with high efficiency
- Proprietary Gotham diffusing lens available

- 16-gauge painted steel mounting/plaster frame
- Patent pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Requires access above ceiling.

ORDERING INFORMATION

Specifications subject to change.

Example: SQHZ 70M 6AR 120

Series	Lamp type ¹	Aperture/Trim ⁵	Finish	Lens ³	Voltage	Ballast	Options
SQHZ Downlight	Metal halide (ED17)	Aperture⁵ Trim	(blank) Semi-specular	(blank) No lens	120	(blank) Electronic ballast	For options and accessories, see pages 419-425.
SQHZW Wallwash	50M	4 AR Clear	LD Matte-diffuse	CSL Concentric square lens	277	EMB Electromagnetic ballast	
	70M	6 PR Pewter		SOL Solite lens	347 ⁴		
	100M	WTR Wheat					
	Color-corrected metal halide (ED17)	WR White					
		BR Black					
	50MHC	DSR Stepped					
	70MHC	PDSR Pewter stepped					
	100MHC ²	WDSR Wheat stepped					

ADDITIONAL INFORMATION

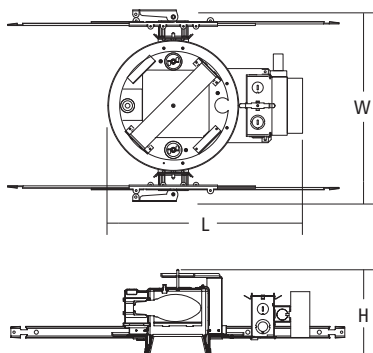
For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQHZ/SQHZW 4	70	6-13/16 (17.3)	15-9/16 (39.5)	15-3/16 (38.6)	4-1/2 (11.4)	5-1/8 (13.0)	5-3/4 (14.6)
SQHZ/SQHZW 6	100	7-1/2 (19.1)	20-1/16 (51.0)	19-13/16 (50.3)	6 (15.2)	6-5/8 (16.8)	7-3/16 (18.3)

EMB DIMENSIONS

Length	25-5/8 (65.1)
Width	19-3/4 (50.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Recommended for use with coated lamps. Open-rated lamps required.
- 2 Available in 6" aperture only.
- 3 SQHZ only.
- 4 Available with electromagnetic ballasts only.
- 5 Refer to chart for maximum wattage availability.

Intended Use

For general downlighting applications that demand high efficiency and superior optical control and a square aperture shape is preferred.

Features

- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Patented optical design provides lamp before lamp image and smooth transition from top of the reflector to bottom
- 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation

allowing post-installation adjustments to ensure trim to trim alignment

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Requires access above ceiling.

SQPH

Vertical Lamp

PAR

**ORDERING INFORMATION**

Specifications subject to change.

Example: SQPH P3870M 6AR LD 120

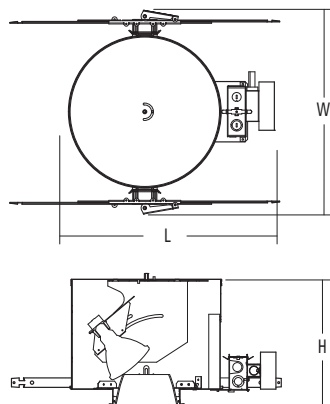
Series	Lamp type		Aperture/Trim ³			Finish	Voltage	Ballast	Options
SQPH	Metal halide (PAR lamp)	Color-corrected metal halide (PAR lamp) ²	Aperture ³	Trim		(blank) Semi-specular	120	(Blank) Electronic ballast	For options and accessories, see pages 419-425.
	P3870M ¹	P2039MHC	4	AR	Clear	LD Matte-diffuse	277	EMB Electromagnetic ballast ⁴	
	P38100M ¹	P3039MHC	6	PR	Stepped		347		
	P38150M ¹	P3070MHC		WTR	Wheat				
		P3870MHC ¹		WR	White				
		P38100MHC ¹		BR	Black				
		P38150MHC ¹		DSR	Stepped				
				PDSR	Pewter stepped				
				WDSR	Wheat stepped				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQPH 4	70W PAR30	9-7/8 (25.1)	17-1/4 (43.5)	15-1/4 (38.7)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQPH 6	150W PAR38	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available with 6" aperture only.
- 2 Ceramic arc tube consistent-color lamp. Philips MasterColor, Osram Sylvania Powerball or GE ConstantColor.
- 3 Refer to chart for maximum wattage availability.
- 4 Available with 4" aperture only.

SQAZ SQAZW

Horizontal Lamp



Intended Use

For general downlight or wallwash applications that demand optimal color rendering and convenient dimming and where a square aperture shape is preferred.

Features

- Self-flanged, matte-diffuse high-impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Upper reflector is painted a highly reflective matte white providing diffuse, even light with high efficiency
- Proprietary Gotham diffusing lens available
- 16-gauge painted steel mounting/plaster frame

- Patent pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SQAZ 4AR LD

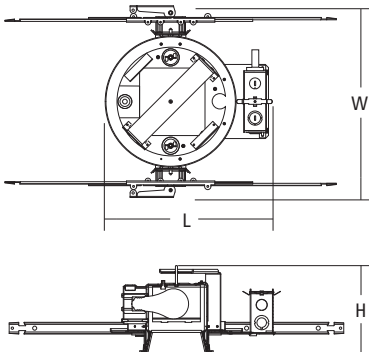
Series	Aperture/Trim ¹	Finish	Lens ²	Options
SQAZ Downlight	Aperture¹	(blank)	(blank)	For options and accessories, see pages 419-425.
SQAZW Wallwash	Trim	Semi-specular	No lens	
	4 AR Clear	LD Matte-diffuse	CSL Concentric square lens	
	6 DSR Stepped		SOL Solite lens	
	PR Pewter			
	WTR Wheat			
	WR White			
	BR Black			
	PDSR Pewter stepped			
	WDSR Wheat stepped			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQAZ/SQAZW 4	100W/ A19 / BT15	6-13/16 (17.3)	13-5/16 (33.8)	15-3/16 (38.6)	4-1/2 (11.4)	5-1/8 (13.0)	5-3/4 (14.6)
SQAZ/SQAZW 6	150W/ A21 / BT15	7-1/2 (19.1)	17-11/16 (44.9)	19-13/16 (50.3)	6 (15.2)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for maximum wattage availability.
- 2 SQAZ only.

Intended Use

For general downlighting applications that demand high efficiency and superior optical control and where a square aperture shape is preferred.

Features

- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation

allowing post-installation adjustments to ensure trim to trim alignment

- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling
- Secondary housing adjustment system for precise, final ceiling to flange alignment

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

SQP
Vertical Lamp
PAR



ORDERING INFORMATION

Specifications subject to change.

Example: SQP 4AR LD

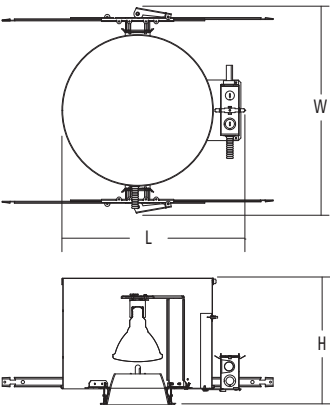
Series	Aperture/Trim ¹		Finish	Options
SQP	Aperture¹	Trim	(blank) Semi-specular	For options and accessories, see pages 419-425.
	4	AR Clear	LD Matte-diffuse ²	
	6	DSR Stepped		
		PR Pewter		
		WTR Wheat		
		WR White		
		BR Black		
		PDSR Pewter stepped		
		WDSR Wheat stepped		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQP 4	75W PAR30	9-3/4 (24.8)	17-1/4 (43.5)	15-1/4 (38.7)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQP 6	150W PAR38	12-3/16 (31)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for maximum wattage availability.
- 2 Not available with WR and BR trim colors.

SQDTH

Adjustable Lamp

T4

T6



Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, and retail areas where efficient and precise, aimable accent lighting is desired.

Features

- Self-flanged, anodized semi-specular or matte-diffuse metal finishing trim
- Patented optical design provides lamp before lamp image and smooth transition from top of the reflector to bottom. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- 1/8" thick softening lens eliminates beam striations and ensures maximum efficiency. Provides required protective shielding
- Tool-less 0° - 35° vertical and 360° horizontal lamp adjustments made with the trim assembly removed for simple focusing

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling
- 3000K lamp ships standard

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SQDTH T4 39MHC 6AR M LD 120

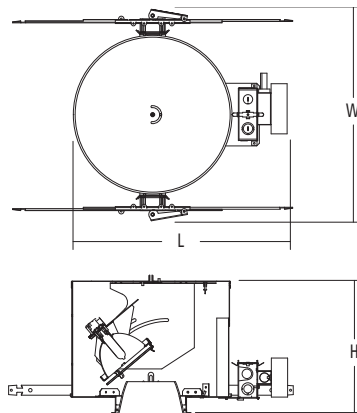
Series	Lamp type	Wattage	Aperture/Trim ⁵			Distribution	Finish	Voltage	Options
SQDTH	T4T ¹	20MHC	Aperture⁵			N Narrow	(blank)	120	For options and accessories, see pages 419-425.
	T4 ²	39MHC	4	AR	Clear	M Medium	LD	277	
	T6 ³	70MHC	6	PR	Stepped	W Wide		347	
		150MHC ⁴		WTR	Wheat				
				WR	White				
				BR	Black				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE	WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQDTH 4	T4T	20, 39 MHC	12 (30.5)	17-3/16 (43.7)	15-1/4 (38.7)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDTH 4	T4	20, 39, 70 MHC	12 (30.5)	17-3/16 (43.7)	15-1/4 (38.7)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDTH 4	T6	39, 70 MHC	12 (30.5)	17-3/16 (43.7)	15-1/4 (38.7)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDTH 6	T4T	20, 39 MHC	13-7/8 (35.2)	21-3/4 (55.2)	19-13/16 (50.4)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)
SQDTH 6	T4	20, 39, 70 MHC	13-7/8 (35.2)	21-3/4 (55.2)	19-13/16 (50.4)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)
SQDTH 6	T6	39, 70, 150 MHC	13-7/8 (35.2)	21-3/4 (55.2)	19-13/16 (50.4)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Philips Mini MasterColor available in 20W, 39W and 120W only.
- 2 Available in 20W, 39W and 70W only.
- 3 Available in 39W, 70W and 150W only.
- 4 Available with 6" aperture only.
- 5 Refer to chart for lamp type and wattage availability.

Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, and retail areas where efficient and precise, aimable accent lighting is desired.

Features

- Self-flanged, anodized semi-specular or matte-diffuse metal finishing trim
- Patented optical design provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- Tool-less 0° - 35° vertical and 360° horizontal lamp adjustments made with the trim assembly removed for simple focusing

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed.
- Post-installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

SQDPH

Adjustable Lamp

PAR

**ORDERING INFORMATION**

Specifications subject to change.

Example: SQDPH P3870M 6AR LD 120

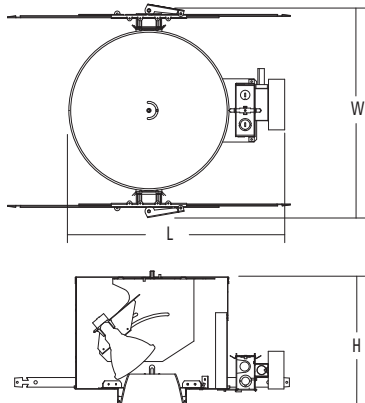
Series	Lamp type	Aperture/Trim ⁴	Finish	Voltage	Options
SQDPH	Metal halide (PAR lamp)	Aperture ³ Trim	(blank) Semi-specular	120	For options and accessories, see pages 419-425.
	P3870M ¹	4 AR Clear	LD Matte-diffuse	277	
	P38100M ¹	6 PR Stepped		347	
	P38150M ¹	WTR Wheat			
		WR White ⁵			
		BR Black ⁵			
	Color-corrected metal halide (PAR lamp) ²				
	P2039MHC ³				
	P3039MHC ³				
	P3070MHC ³				
	P3870MHC ³				
	P38100MHC ³				
	P38150MHC ³				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQDPH 4	39W PAR20	12 (30.5)	17-3/16 (43.7)	15-5/16 (38.8)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDPH 6	150W PAR38	13-7/8 (35.2)	21-3/4 (55.2)	19-7/8 (50.6)	5-5/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available with 6" aperture only.
- 2 Ceramic arc tube consistent-color lamp. Philips MasterColor, Osram Sylvania Powerball or GE ConstantColor.
- 3 Available with 4" aperture only.
- 4 Refer to chart for maximum wattage availability.
- 5 Not available with LD finish.

SQDLWTH

Lensed Wallwash

T4

T6



Intended Use

For general wallwash applications that demand high efficiency, uniform vertical illumination, and low aperture brightness where a square aperture is preferred.

Features

- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, propriety vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Indirect wallwash design along with proprietary Gotham spread lens delivers a uniform distribution of light to the wall
- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame

- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling
- Tool-less access door provides access to junction box and ballast through the aperture
- 3000K lamp ships standard

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SQDLWTH T4 39MHC 4AR LD 120

Series	Lamp type	Wattage	Aperture/Trim ⁶	Finish	Voltage	Options
SQDLWTH	T4T ¹	20MHC ⁴	Aperture⁶ Trim	(blank)	Semi-specular	120
	T4 ²	39MHC	4 AR Clear	LD	Matte-diffuse	277
	T6 ³	70MHC	6 PR Pewter			347
		150MHC ⁵	WTR Wheat			
			WR White			
			BR Black			
			DSR Stepped			
			PDSR Pewter stepped			
			WDSR Wheat stepped			

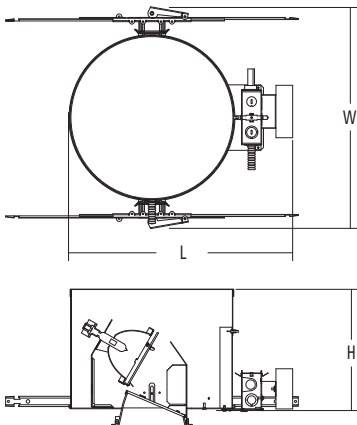
For options and accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE	MAXIMUM WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQDLWTH 4	T4T	20, 39 MHC	9-7/8 (25.1)	17-3/16 (43.7)	15-3/8 (39)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDLWTH 4	T4	20, 39, 70 MHC	9-7/8 (25.1)	17-3/16 (43.7)	15-3/8 (39)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDLWTH 4	T6	39, 70 MHC	9-7/8 (25.1)	17-3/16 (43.7)	15-3/8 (39)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDLWTH 6	T4T	20, 39 MHC	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-7/8 (17.5)	7-1/2 (19.1)
SQDLWTH 6	T4	20, 39, 70 MHC	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-7/8 (17.5)	7-1/2 (19.1)
SQDLWTH 6	T6	39, 70, 150 MHC	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-7/8 (17.5)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Philips Mini MasterColor® available in 20W, 39W and 120V only.
- 2 Available in 20W, 39W and 70W only.
- 3 Available in 39W, 70W and 150W only.
- 4 120V only.
- 5 Available in 6" aperture only.
- 6 Refer to chart for lamp type and wattage availability.

Intended Use

For general wallwash applications that demand high efficiency, uniform vertical illumination and low aperture brightness and where a square shape is preferred.

Features

- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, propriety vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)
- Indirect wallwash design along with diffusing lens delivers a uniform distribution of light to the wall
- Relamping capability from above or below ceiling without the use of tools

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Secondary housing adjustment system for precise, final ceiling to flange alignment

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

SQDLWH

Lensed Wallwash
PAR

**ORDERING INFORMATION**

Specifications subject to change.

Example: SQDLWH P3870M 6AR LD 120

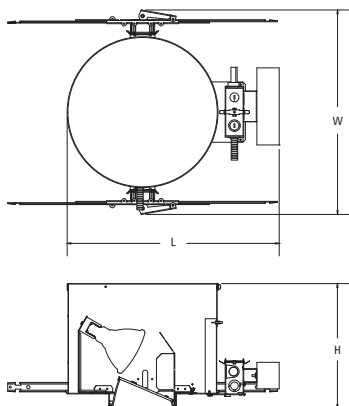
Series	Lamp type		Aperture/Trim ⁴			Finish	Voltage	Options
SQDLWH	<u>Metal halide (PAR Lamp)</u>		<u>Color-corrected metal halide (PAR Lamp) ³</u>			(blank) LD Semi-specular Matte-diffuse	120	For options and accessories, see pages 419-425.
	P3870M	70W PAR38 ¹	P3039MHC	39W PAR30	4	AR	Clear	
	P38100M	100W PAR38 ¹	P3070MHC	70W PAR30	6	PR	Pewter	
	P38150M	150W PAR38 ¹	P3870MHC	70W PAR38 ¹		WTR	Wheat	
	P3070M	70W PAR30 ²	P38100MHC	100W PAR38 ¹		WR	White	
			P38150MHC	150W PAR38 ¹		BR	Black	
						DSR	Stepped	
						PDSR	Pewter stepped	
						WDSR	Wheat stepped	

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQDLWH 4	70W PAR30	9-7/8 (25.1)	17-3/16 (43.7)	15-1/4 (38.9)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDLWH 6	150W PAR38	12-3/16 (31.0)	21-3/4 (55.2)	19-7/8 (50.5)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Available in 6" aperture only.
- ² Available in 4" aperture only.
- ³ Ceramic arc tube consistent-color lamp.
- ⁴ Refer to chart for maximum wattage availability.

SQDP

Adjustable Lamp PAR



Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, and retail areas where efficient and precise, aimable accent lighting is desired.

Features

- Self-flanged, anodized semi-specular or matte-diffuse metal finishing trim
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Tool-less 0°-35° vertical and 360° horizontal lamp adjustments made with the trim assembly removed for simple focusing

- 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Secondary housing adjustment system for precise, final ceiling to flange alignment

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SQDP 6AR LD

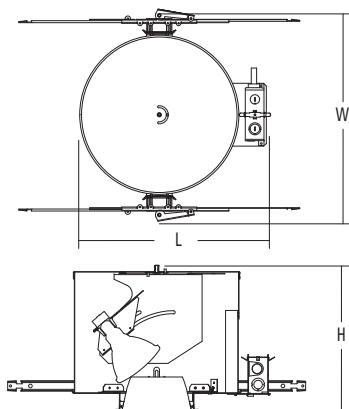
Series	Aperture/Trim ¹	Finish	Options
SQDP	Aperture¹	(blank)	For options and accessories, see pages 419-425.
	Trim	Semi-specular	
	4	AR Clear	
	6	LD Matte-diffuse	
	WTR	Wheat	
	WR	White ²	
	BR	Black ²	

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE / LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQDP 4	75W PAR30	11-3/4 (30.1)	17-1/4 (43.5)	15-1/4 (38.8)	4-3/8 (11.1)	5-1/8 (13.0)	5-3/4 (14.6)
SQDP 6	150W PAR38	13-7/8 (35.2)	17-3/16 (45.3)	19-3/16 (48.7)	5-15/16 (15.1)	6-7/8 (17.5)	7-1/2 (19.1)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Refer to chart for lamp type availability.
- 2 Not available with finishes.

SQDLW

Lensed Wallwash
PAR



Intended Use

For general wallwash applications that demand superior optical control, optimal color rendering and convenient dimming and where a square shape is preferred.

Features

- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Indirect wallwash design along with diffusing lens delivers a uniform distribution of light to the wall
- Relamping capability from above or below ceiling without the use of tools
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050)

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame accommodates up to 1-1/2" thick ceiling materials
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SQDLW 6AR LD

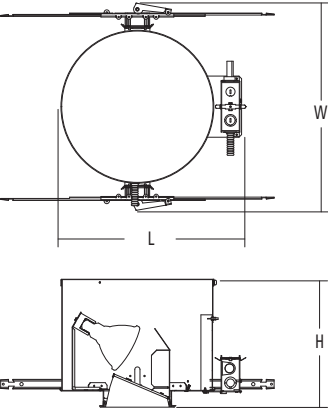
Series	Aperture/Trim ¹			Finish	Options
SQDLW	Aperture ¹		Trim	(blank)	For options and accessories, see pages 419-425.
	4	AR	Clear	LD	
	6	DSR	Stepped		
		PR	Pewter		
		WTR	Wheat		
		WR	White		
		BR	Black		
		PDSR	Pewter stepped		
		WDSR	Wheat stepped		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
SQDLW 4	75W PAR30	9-7/8 (25.0)	12-7/8 (32.9)	15-1/4 (38.9)	4-1/2 (11.4)	5-1/8 (13.0)	5-3/4 (14.6)
SQDLW 6	150W PAR38	12-3/16 (31.0)	17-3/4 (45.0)	19-7/8 (50.5)	5-15/16 (15.1)	6-5/8 (16.8)	7-3/16 (18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

¹ Refer to chart for maximum wattage availability.

SQDLV

Vertical Lamp



Intended Use
Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, retail areas and residences where precise accent lighting and a square shape are desired.

- Features**
- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, proprietary vapor deposition finish
 - Patented Bounding Ray™ Optical Principle design (U.S. Patent No.5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
 - Lamp snoot minimizes stray light in housing and accommodates up to two lenses
 - Relamping capability from above or below ceiling

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling

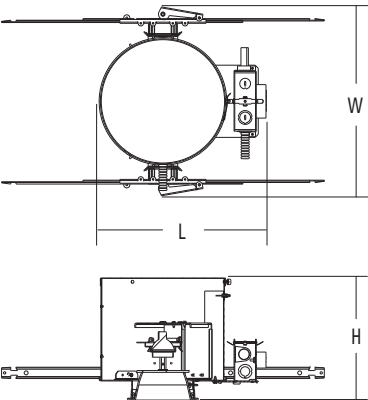
Listings
Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Requires access above ceiling.

ORDERING INFORMATION		Specifications subject to change.					Example: SQDLV DWN MR16 4AR LD 120	
Series	Configuration	Lamp type	Aperture/Trim			Finish	Voltage	Options
SQDLV	DWN	MR16	4	Aperture	Trim	(blank)	120	For options and accessories, see pages 419-425.
				AR	Clear	LD	277	
				DSR	Stepped		347	
				PR	Pewter			
				WTR	Wheat			
				WR	White			
				BR	Black			
				PDSR	Pewter stepped			
				WDSR	Wheat stepped			

ADDITIONAL INFORMATION For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE (MAXIMUM 75W)	APERTURE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	CEILING OPENING	OVERLAP TRIM
SQDLV DWN 4AR	MR16	4-1/2 (11.4)	9-7/8 (25.1)	14-1/16 (35.7)	15-3/16 (38.6)	5-1/8 (13.0)	5-3/4 (14.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Intended Use

Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, retail areas and residences where wallwash accent lighting and a square shape are desired.

Features

- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, proprietary vapor deposition finish
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No.5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Indirect wallwash design along with proprietary Gotham spread lens delivers a uniform distribution of light to the wall
- Relamping capability from above or below ceiling

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed
- Post-installation adjustment possible without the use of tools from above or below ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Requires access above ceiling.

SQDLV
Lensed Wallwash



ORDERING INFORMATION

Specifications subject to change.

Example: SQDLV WSH MR16 4AR LD 120

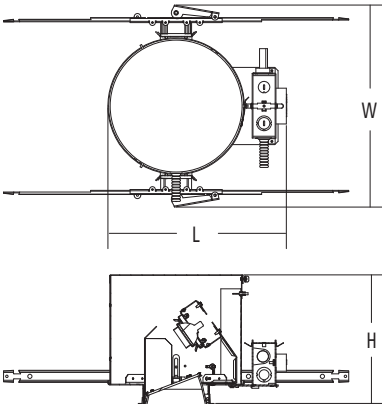
Series	Configuration	Lamp type	Aperture/Trim			Finish		Voltage	Options
SQDLV	WSH	MR16	Aperture 4	Trim		(blank)	Semi-specular	120	For options and accessories, see pages 419-425.
				AR	Clear	LD	Matte-diffuse	277	
				DSR	Stepped			347	
				PR	Pewter				
				WTR	Wheat				
				WR	White				
				BR	Black				
				PDSR	Pewter stepped				
				WDSR	Wheat stepped				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE (MAXIMUM 75W)	APERTURE	HEIGHT (H)	LENGTH (L)	WIDTH (W)	CEILING OPENING	OVERLAP TRIM
SQDLV WSH 4	MR16	4-1/2 (11.4)	9-7/8 (25.1)	14-1/16 (35.7)	15-3/16 (38.6)	5-1/8 (13.0)	5-3/4 (14.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



SQDLV

Adjustable Lamp



Intended Use
Suitable for special purpose downlight applications in offices, reception areas, restaurants, showrooms, museums, retail areas and residences where precise, aimable accent lighting and a square shape are desired.

- Features**
- Self-flanged, matte-diffuse high impact polymer finishing trim with a durable, proprietary vapor deposition finish
 - Patented Bounding Ray™ Optical Principle design (U.S. Patent No.5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
 - Tool-less, 0°-45° vertical adjustment and 360° horizontal lamp adjustment made with the trim assembly removed for simple focusing
 - Lamp snoot minimizes stray light in housing and accommodates up to two lenses

- Relamping capability from above or below ceiling
- Softening lens standard
- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment
- Post-installation adjustment possible without the use of tools from above or below ceiling

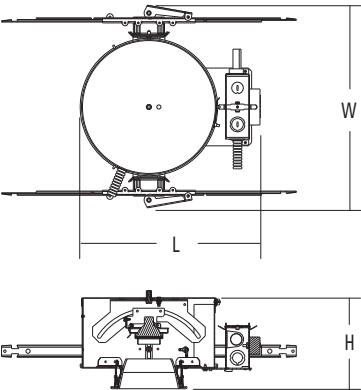
Listings
Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards. Requires access above ceiling.

ORDERING INFORMATION		Specifications subject to change.					Example: SQDLV ADJ MR16 4AR LD 120	
Series	Configuration	Lamp type	Aperture/Trim			Finish	Voltage	Options
SQDLV	ADJ	MR16	4	AR	Clear	(blank)	120	For options and accessories, see pages 419-425.
				DSR	Stepped	LD	277	
				PR	Pewter		347	
				WTR	Wheat			
				WR	White			
				BR	Black			
				PDSR	Pewter stepped			
				WDSR	Wheat stepped			

ADDITIONAL INFORMATION For additional product information, visit www.gothamlighting.com.

SERIES	LAMP TYPE (MAXIMUM 75W)	APERTURE	HEIGHT (H)	WIDTH (W)	LENGTH (L)	CEILING OPENING	OVERLAP TRIM
SQDLV ADJ 4	MR16	4-3/8 (11.1)	7-13/16 (19.8)	15-3/8 (39.0)	13-9/16 (34.4)	5-1/8 (13.0)	5-3/4 (14.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing
- Textured polyester powder paint finish available in matte black, satin silver or white
- Four configurations allow customization suitable in any space
- No Ring : Clean, simple form - no decorative element
- Soft Ring: Subtle, formed aluminum band
- Stacked Rings: Three black acrylic rings

- Gear: Precision-formed from solid aluminum
- Reflector System – Self-flanged, semi-specular or matte-diffuse reflector
- Cord mount (120" provided), surface mount, or wall mount options
- Rugged aluminum lampholder housing designed for positive lamp positioning

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

4" PDPF

Elevations™
Vertical Lamp
Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDPF 32TRT 4AR MVOLT SSNR RC120

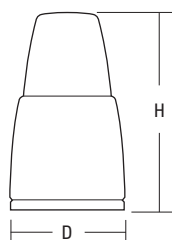
Series	Lamp type	Aperture/Trim		Finish	Lens Type		Voltage	Ballast		
PDPF	18TRT	Aperture	Trim	(blank)	Semi-specular	(blank)	No lens	MVOLT ²	(blank)	Electronic ballast
	26TRT			4	<u>Trim color</u>	LD	Matte-diffuse	CGL	Clear glass lens	120
	32TRT	AR	Clear			T73	Tempered prismatic lens	277	ADZT	Advance Mark 7® electronic 0-10V dimming ballast ^{3,4}
		PR	Pewter					347		
		BR	Black ¹			CAL	Clear acrylic lens		ECOS	Lutron® EcoSystem® electronic dimming ballast ^{2,3}
		WTR	Wheat			PCL	Clear polycarbonate lens			
		WR	White painted ¹							
		<u>Glass shade</u>			PPC	Prismatic polycarbonate lens				
		WG	White glass ¹							
		AG	Amber glass ¹							
	BG	Blue glass ¹								
Height/Housing/Decorative element ^{3,4}				Mounting ¹				Options		
Height	Housing	Decorative element ⁴		RC120 Cord mount (120" provided)				For options and accessories, see pages 419-425.		
S Short	B Matte black	NR	No ring	SM Surface mount						
	S Satin silver	S	Soft ring							
		C	Stacked rings							
		G	Gear							

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	DIAMETER (D)
PDPF (aluminum)	10-1/4 (26.1)	4-5/16 (11.0)	5-7/8 (15.0)
PDPF (glass)	10-1/4 (26.1)	5-5/8 (14.3)	5-5/8 (14.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Not available with finishes.
- 2 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.
- 3 Must specify recessed mounting frame (GRS) and SM mounting.
- 4 Available in 120V or 277V.
- 5 Refer to page 386 for decorative and mounting options.

8" PDPF

Elevations™

Triple-Tube (TRT)



Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing
- Textured polyester powder paint finish available in matte black, satin silver or white
- Housing available in short or tall configurations to allow for a variety of ceiling height applications
- Four configurations allow customization suitable in any space

- No Ring: Clean, simple form - no decorative element
- Soft Ring: Subtle, formed black aluminum band
- Stacked Rings: Four injection-molded black acrylic rings
- Gear: Precision-formed black aluminum
- Self-flanged, specular or matte-diffuse reflector
- Cord mount (120" provided) or surface mount options
- Rugged aluminum lampholder housing

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDPF 2/32TRT 8AR MVOLT TSNR RC120

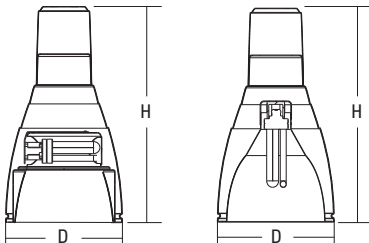
Series	Number of lamps/Lamp type		Aperture/Trim			Finish		Lens		Voltage	
PDPF		Number of lamps	Lamp type	Aperture	Trim	(blank)	Semi-specular	(blank)	No lens	MVOLT ³	
		1/	18TRT	8	AR	Clear	LD	Matte-diffuse	CGL	Clear glass lens	120
		2/ ¹	26TRT		PR	Pewter			T73	Tempered prismatic lens	277
			32TRT		WTR	Wheat			PCL	Clear polycarbonate lens	347
			42TRT ²		BR	Black			PPC	Prismatic polycarbonate lens	
					WR	White					
Height/Housing/Decorative elements ⁴					Mounting ⁴			Options			
Height	Housing	Decorative elements⁴			RC120	Cord mount (120" provided)		For options and accessories, see pages 419-425.			
S Short	B Matte black	NR	No ring		SM	Surface mount					
T Tall	S Satin silver	S	Soft ring								
		C	Stacked rings								
		G	Gear								

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H) (SHORT)	HEIGHT (H) (TALL)	APERTURE	DIAMETER (D)
PDPF	14-7/8 (37.7)	17-5/8 (44.8)	7-7/8 (20.1)	9-3/8 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available in horizontal only.
- 2 Available in one lamp only.
- 3 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
- 4 Refer to page 386 for decorative and mounting options.

Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing
- Housing available in short and tall configurations to allow for a variety of ceiling height applications
- Four configurations allow customization suitable in any space
- No Ring: Clean, simple form - no decorative element
- Soft Ring: Subtle, formed black aluminum band

- Stacked Rings: Four black acrylic rings
- Gear: Precision-formed black aluminum
- Outside of inner reflector is white with semi-specular or matte-diffuse inner surface finish
- Inner reflector is field adjustable to three settings that place the reflector flush or 1/2" or 1" below the housing
- Acrylic diffuser retains inner reflector
- Cord mount (120" provided) or surface mount

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

8" PDPF

Elevations™
Candéo® or ICE™
Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDPF 2/32TRT 8T MVOLT TSC RC120

Series	Number of lamps/Lamp type		Aperture/Baffle		Finish ¹		Lens Type for Candéo®		Voltage	Height/Housing/Decorative elements ^{3,4}					
PDPF	Number of lamps	Lamp type	Aperture	Baffle	(blank)	Semi-specular	(blank)	No lens	MVOLT ²	Height		Housing		Decorative elements ⁴	
	1/	18TRT	8	Candéo®	LD	Matte-diffuse	CGL	1/8" Clear lens	120	S	Short	B	Matte black	NR	No ring
	2/	26TRT		DW			T73	3/16" Tempered prismatic lens	277	T	Tall	S	Satin silver ³	S	Soft ring
		32TRT		DG					347			W	White ²	C	Stacked rings
				DB			PCL	Clear polycarbonate lens						G	Gear
				DR			PPC	Prismatic polycarbonate lens							
				DT											
				ICE™											
				T	Turbo										
				XF	Clear flush										
				XR	Clear round										
				XA	Clear angular										
				ICE™ color											
				RLRF	Red flush										
				RLRR	Red round										
				BLRF	Blue flush										
				BLRR	Blue round										
				ALRF	Amber flush										
				ALRR	Amber round										
				WLRF	White flush										
				WLRR	White round										

Mounting⁴

RC120 Cord mount (120" provided)
SM Surface mount

Options

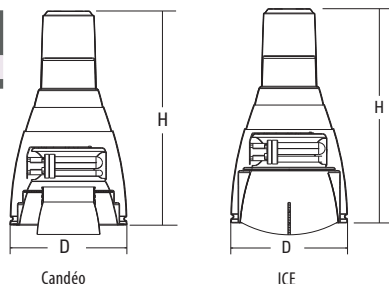
For options and accessories, see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H) (SHORT)	HEIGHT (H) (TALL)	APERTURE	DIAMETER (D)
PDPF	14-7/8 (37.7)	17-5/8 (44.8)	7-7/8 (20.1)	9-3/8 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available only with Candéo.
- 2 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
- 3 Provided with white cord with RC120.
- 4 Refer to page 386 for decorative and mounting options.

10" PDPF

Elevations™

Candéo®

Triple-Tube (TRT)



Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing allows for a dedicated optical system with unparalleled performance
- Textured polyester powder paint finish available in matte black, satin silver or white
- Upper ballast module houses all gear, including available emergency battery pack
- Self-flanged, highly reflective/diffuse white painted cone

- Inner reflector is field adjustable to three settings that place the reflector flush, 1/2" or 1" below the decorative housing
- Clear (DW - Snow), blue (DB - Sky), green (DG - Sea), tan (DT - Sand) or red (DR - Ruby) diffuser provides direct/indirect luminaire performance and visual interest
- Hinged lamp door seals upper trim for optimal fixture efficiency
- Available mounting options: Pendant mount entry provided for 3/8" National Pipe Thread stem, or aircraft cable & cord mount provided with 10ft. aircraft cable and black cord

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDPF 3/32TRT 10DR MVOLT BL ACC

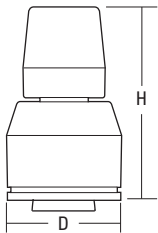
Series	Number of lamps/Lamp type		Aperture/Trim			Finish	Voltage	Housing ³	
PDPF	Number of lamps	Lamp type	Aperture	Trim		(blank) Semi-specular	MVOLT ²	BL	Matte black
	1/	26TRT	10	DW	Snow	LD	120	SS	Satin silver
	2/	32TRT		DG	Sea		277	WH	White
	3/	42TRT		DB	Sky		347		
		57TRT ¹		DT	Sand				
				DR	Ruby				
Mounting		Mounting accessories				Options			
PM	Pendant mount ⁴	CYS 3/8 stem and canopy w/5° "hang straight" ⁶				For options and accessories, see pages 419-425.			
ACC	Aircraft cable and cord ⁵	CRS 3/8 stem and canopy w/45° swivel ⁶							

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	DIAMETER (D)
PDPF	19-3/8 (49.2)	9-3/4 (24.8)	11-3/8 (28.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Available in 1- or 2-lamp only.
- ² Multi-volt electronic ballast capable of opening on any line voltage from 120V through 277V, 50 or 60Hz.
- ³ Additional architectural colors available; see pages 118-1121.
- ⁴ Available with CYS or CRS stem option only.
- ⁵ Provided with 10-ft. aircraft cable and black cord. White cord standard when white pendant is ordered. Consult factory for additional lengths.
- ⁶ For use with PM option only. Length of stem must be specified (from 12" to 48" in 2" even increments). EX: CYS12. Stems greater than 48", maximum 240", provided with couples. Consult factory for exterior use.

Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing allows for a dedicated optical system with unparalleled performance
- Textured polyester powder paint finish available in matte black, satin silver or white
- Upper ballast module houses all gear, including available emergency battery pack

- Self-flanged, semi-specular or matte-diffuse reflector
- Cross baffle offers superior cut-off with a clean aperture appearance
- Mounting options: Pendant mount entry provided for 3/8" National Pipe Thread stem, or aircraft cable & cord mount provided with 10ft. aircraft cable and black cord

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

10" PDPF

Elevations™
Open or Cross Baffle
Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDPF 3/32TRT 10AR MVOLT BL ACC

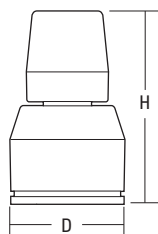
Series	Number of lamps/Lamp type		Aperture/Trim			Finish	Lens		Voltage	Housing ³		
PDPF	Number of lamps	Lamp type	Aperture	Trim		(blank)	Semi-specular	(blank)	No lens	MVOLT ²	BL	Matte black
	1/	26TRT	10	AR	Clear	LD	Matte-diffuse	CGL	Clear glass lens	120	SS	Satin silver
	2/	32TRT		PR	Pewter			T73	Tempered prismatic lens	277	WH	White
	3/	42TRT		WTR	Wheat					347		
		57TRT ¹		CB	Clear cross baffle							
Mounting			Mounting accessories					Options				
PM Pendant mount ⁴			CYS 3/8 stem and canopy w/5° "hang straight" ⁶					For options and accessories, see pages 419-425.				
ACC Aircraft cable and cord ⁵			CRS 3/8 stem and canopy w/45° swivel ⁶									

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	DIAMETER (D)
PDPF	19-3/8 (49.2)	9-3/4 (24.8)	11-3/8 (28.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 1- or 2-lamp only.
- 2 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.
- 3 Additional architectural colors available; see pages 1118-1121.
- 4 Available with CYS or CRS stem option only.
- 5 Provided with 10-ft. aircraft cable and black cord. White cord standard when white pendant is ordered. Consult factory for additional lengths.
- 6 For use with PM option only. Length of stem must be specified (from 12" to 48" in 2" even increments). EX: CYS12. Stems greater than 48", maximum 240", provided with couplers. Consult factory for exterior use.

14" PDPF

Elevations™

Vertical Lamp
Triple-Tube (TRT)



Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing allows for a dedicated optical system with unparalleled performance
- Textured polyester powder paint finish available in matte black, satin silver or white
- Upper ballast module houses all gear, including available emergency battery pack
- Available with decorative glass refractor in white, amber or blue

- Glass is pressed, colored glass with an acid-etched exterior finish and a matte white painted interior décor; provides a color-luminous accent to highlight the ceiling cavity
- Self-flanged, semi-specular or matte-diffuse reflector. Optional 1/8" clear or prismatic glass lens
- Available mounting options: Pendant mount entry provided for 3/8" National Pipe Thread stem, or aircraft cable & cord mount provided with 10ft. aircraft cable and black cord

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDPF 4/32TRT 14AR MVOLT BL DWG ACC

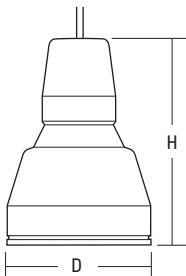
Series	Number of Lamps/Lamp type		Aperture/Trim			Finish		Lens		Voltage	Housing ³		Decorative elements	
PDPF	Number of Lamps	Lamp type	Aperture	Trim		(blank)	Semi-specular	(blank)	No lens	MVOLT ²	BL	Matte black	(blank)	No glass
	1/	26 TRT	14	AR	Clear	LD	Matte-diffuse	CGL	Clear glass lens	120	SS	Satin silver	DWG	White glass
	2/	32 TRT		PR	Pewter			T73	Tempered prismatic lens	277	WH	White	DAG	Amber glass
	3/	42 TRT		WTR	Wheat					347			DBG	Blue glass
	4/	57 TRT ¹												
Mounting					Mounting accessories						Options			
PM	Pendant mount ⁴				CYS 3/8" stem and canopy w/ 5° hang straight swivel ⁶						For options and accessories, see pages 419-425.			
ACC	Air craft cable and cord ⁵				CRS 3/8" stem and canopy w/45° swivel ⁶									

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	DIAMETER (D)
PDPF	23 (58.4)	14 (35.6)	15-1/2 (39.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Available in 1- or 2-lamp only.
- ² Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.
- ³ Additional architectural colors available; see pages 1118-1121.
- ⁴ Available with CYS or CRS stem option only.
- ⁵ Provided with 10-ft. aircraft cable and black cord. White cord standard when white pendant is ordered. Consult factory for additional lengths.
- ⁶ For use with PM option only. Length of stem must be specified (from 12" to 48" in 2" even increments). EX: CYS12. Stems greater than 48", maximum 240", provided with couplers. Consult factory for exterior use.

Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing
- Textured polyester powder paint finish available in matte black or satin silver
- Four configurations allow customization suitable in any space
- No Ring : Clean, simple form -- no decorative element
- Soft Ring: Subtle, formed black aluminum band
- Stacked Rings: Three black acrylic rings
- Gear: Precision-formed black aluminum.

- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- RC72 - 72" black cord provided for electrical connection between luminaire and canopy
- SM - luminaire is mounted directly to the surface-mounted canopy
- Rugged aluminum lampholder housing
- Thermally protected, high power factor electronic ballast

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

4" PDPH

Elevations™
Vertical Lamp
ED17
PAR

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDPH 70M 4AR 120 SBG RC72

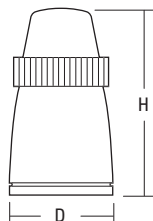
Series	Lamp type	Aperture/Trim		Finish	Voltage	Ballast
PDPH	Metal halide (ED17)	Aperture	Trim	(blank) Semi-specular	120	(blank) Electronic ballast
	50M	4	AR Clear	LD Matte-diffuse	277 ⁴	EMB Electromagnetic ballast ⁴
	70M		PR Pewter		347 ^{4,5}	
	Color-corrected metal halide (ED17)		WTR Wheat			
	70MHC		WR White painted ^{1,2}			
	Metal halide (PAR lamp) ¹		MB Black baffle ^{1,2}			
	P2039MHC		WB White baffle ^{1,2}			
	P3039MHC		WG White glass ^{2,3}			
	P3070MHC		AG Amber glass ^{2,3}			
			BG Blue glass ^{2,3}			
Height/Housing/Decorative elements ^{6,7}			Mounting ⁷	Options		
Height	Housing ⁶	Decorative elements ⁷	RC72	WLP	With lamp (shipped separately)	
S Short	B Matte black	NR No ring	SM	LPFL	Flood lamp (shipped separately)	
	S Satin silver	S Soft ring		LPSP ⁸	Spot lamp (shipped separately)	
		C Stacked rings		GRS	Recessed mounting frame	
		G Gear				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	DIAMETER (D)
PDPH (aluminum)	10-1/4 (26.1)	4-15/16 (11)	5-7/8 (14.9)
PDPH (glass)	10-1/4 (26.1)	5-5/8 (14.3)	5-5/8 (14.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Not available with glass shades.
- 2 Not available with finishes.
- 3 Available with ED17 lamp only.
- 4 Available with GRS option only. Refer to page 386.
- 5 Available with 50W and 70W EMB ballast option only.
- 6 Additional architectural colors available; see pages 1118-1121.
- 7 Refer to page 386 for decorative and mounting options.
- 8 Available with PAR lamp only.

8" PDPH

Elevations™

Vertical Lamp

ED17



Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing
- Textured polyester powder paint finish available in matte black or satin silver
- Housing available in Short or Tall configurations to allow for a variety of ceiling height applications
- Four configurations allow customization suitable in any space
- No Ring: Clean, simple form - no decorative element
- Soft Ring: Subtle, formed black aluminum band
- Stacked Rings: Four black acrylic rings
- Gear: Precision-formed black aluminum

- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom
- Reflector flange visually integrates with housing
- RC72 - 72" black cord is provided for electrical connection between luminaire and canopy
- SM - Luminaire is mounted directly to the surface-mounted canopy
- Die-cast aluminum lampholder housing
- Medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDPH 100M 8AR 120 SBG RC72

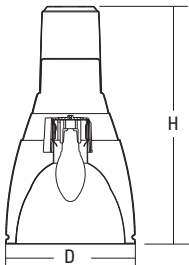
Series	Lamp type ¹		Aperture/Trim		Finish	Lens		Voltage
PDPH	Metal halide	Color-corrected metal halide	Aperture	Trim	(blank) Semi-specular	(blank) No lens		120
	50M	50MHC	8	AR Clear	LD Matte-diffuse	CGL Clear glass lens		277
	70M	70MHC		PR Pewter		T73 Tempered prismatic lens		347 ^{3,4}
	100M	100MHC		WTR Wheat				
	150M ²	150MHC		WR White painted				
Ballast		Height/Housing/Decorative elements ^{4,5}			Mounting ⁶	Options		
(blank)	Electronic ballast	Height	Housing ⁵	Decorative elements ⁶	RC72 Cord mount (72" provided)	For options and accessories, see pages 419-425.		
EMB	Electromagnetic ballast ³	S Short	B Matte black	NR No ring	SM Surface mount			
		T Tall	S Satin silver	S Soft ring				
				C Stacked rings				
				G Gear				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H) (SHORT)	HEIGHT (H) (TALL)	APERTURE	DIAMETER (D)
PDPH	14-7/8 (37.7)	17-5/8 (44.8)	7-7/8 (20.1)	9-3/8 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Recommended for use with coated lamps.
- 2 Available with electronic ballast only.
- 3 Available with GRS option only. Refer to page 386.
- 4 Available with EMB ballast only.
- 5 Additional architectural colors available; see pages 1118-1121.
- 6 Refer to page 386 for decorative and mounting options.

Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing allows for a dedicated optical system with unparalleled performance
- Textured polyester powder paint finish available in Matte Black, Satin Silver or White
- Upper ballast module houses all gear, including available quartz restrike systems
- Available with decorative glass refractor in white, amber or blue
- Glass is pressed, colored glass with an acid etched exterior finish and a matte white painted interior décor
- Provides a color-luminous accent to highlight the ceiling cavity

- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Mounting options: PM - Pendant mount entry provided for 3/8" National Pipe Thread stem, Swivel mounting accessories available
- Protected mogul or medium-base, pulse-rated porcelain socket with nickel-plated screw shell
- Pre-wired, HPF core-and-coil, pulse-start ballast

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

14" PDPH

Elevations™
Vertical Lamp
Metal Halide

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDPH 150MHC 14AR 120 HEB BL PM

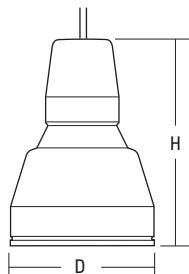
Series	Lamp type ¹	Aperture/Trim		Finish	Lens		Voltage	Ballast
PDPH	<u>Metal halide</u>	14	Aperture	Trim	(blank)	No lens	120	(blank) Pulse-start electromagnetic ballast
	150M		AR	Clear	LD	Matte-diffuse	277	HEB Electronic ballast ²
	175M		PR	Pewter				
	250M		WTR	Wheat			347	
	320M							
	<u>Color-corrected metal halide</u>							
	150MHC							
	250MHC							
	320MHC							
Housing ³		Decorative elements		Mounting	Mounting accessories		Options	
BL	Matte Black	(blank)	No glass	PM	Pendant ⁴	CYS 3/8 stem and canopy w/5° "hang straight" ⁵	For options and accessories, see pages 419-425.	
SS	Satin Silver	DWG	White glass			CRS 3/8 stem and canopy w/45° swivel ⁵		
WH	White	DAG	Amber glass					
		DBG	Blue glass					

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	DIAMETER (D)
PDPH	23 (58.4)	14 (35.6)	15-1/2 (39.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Recommended for use with coated lamps.
- ² Available with 150W; 120V or 277V only.
- ³ Additional architectural colors available; see pages 1118-1121.
- ⁴ Available with CYS or CRS stem option only.
- ⁵ For use with PM option only. Length of stem must be specified (from 12" to 48" in 2" even increments). EX: CYS12. Stems greater than 48", maximum 240", provided with couplers. Consult factory for exterior use.

4" PDPA

Elevations™
Vertical Lamp
A19
PAR



Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing, textured polyester powder paint finish available in matte black or satin silver
- Four configurations allow customization suitable in any space
- No Ring: Clean, simple form - no decorative element
- Soft Ring: Subtle, formed black aluminum band

- Stacked Rings: Three black acrylic rings
- Gear: Precision-formed black aluminum
- Self-flanged, semi-specular, matte-diffuse or specular reflector
- Reflector flange visually integrates with housing
- Cord mount (120" provided), or surface mount options

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: PDPA 4AR SSNR RC120

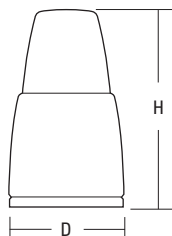
Series	Lamp type	Aperture/Trim		Finish	Height/Housing/Decorative elements ^{4,5}										
PDPA	(blank)	A lamp or BT lamp (100W max)	4	Aperture	Trim	(blank)	Semi-specular	LD	Matte-diffuse	Height		Housing ⁴		Decorative elements ⁵	
	PAR20	PAR20 (50W max) ¹		Trim color						S	Short	B	Matte black	NR	No ring
	PAR30	PAR30 (75W max) ¹		AR	Clear							S	Satin silver	S	Soft ring
				BR	Black									C	Stacked ring
				PR	Pewter									G	Gear
				WTR	Wheat										
				GR	Gold										
		WR	White ^{2,3}												
Mounting ⁵						Options									
RC120	Cord mount (120" provided)					For options and accessories, see pages 419-425.									
SM	Surface mount														

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	APERTURE	DIAMETER (D)
PDPA (aluminum)	10-1/4 (26.1)	4-5/16 (11.0)	5-7/8 (14.9)
PDPA (glass)	10-1/4 (26.1)	4-5/16 (11)	5-5/8 (14.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with glass shades.
- 2 Not available with finishes.
- 3 Available with A lamp only.
- 4 Additional architectural colors available; see pages 1118-1121.
- 5 Refer to page 386 for decorative and mounting options.

Intended Use

High-performance pendant downlight with decorative accent features designed to add visual interest.

Features

- Durable, heavy-gauge aluminum housing
- Housing available in short or tall configurations to allow for a variety of ceiling height applications
- Four configurations allow customization suitable in any space
- No Ring: Clean, simple form - no decorative element
- Soft Ring: Subtle, formed black aluminum band
- Stacked Rings: Four black acrylic rings

- Gear: Precision-formed from solid aluminum
- Self-flanged, semi-specular, matte-diffuse, or specular reflector
- Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom
- Reflector flange visually integrates with housing
- Cord mount (120" provided), or surface mount options

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

8" PDPA

Elevations™
Vertical Lamp

A21

A23

PS25

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDPA 8AR SSS RC120

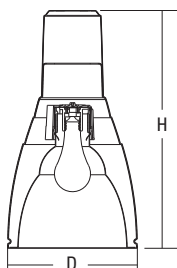
Series	Aperture/Trim ¹			Finish	Lens ²		Height/Housing/Decorative elements ^{3,4}						
PDPA	Aperture ¹ 8	AR	Clear	(blank)	Semi-specular	(blank)	No lens	Height	Housing ³		Decorative elements ⁴		
				LD	Matte-diffuse	CGL	Clear glass lens		S	Short	B	Matte black	NR
		BR	Black	LS	Specular	T73	Tempered prismatic lens	T	Tall	S	Satin silver	S	Soft ring
		PR	Pewter							W	White ⁵	C	Stacked rings
		WTR	Wheat									G	Gear
		GR	Gold										
		WR	White										
Mounting ⁴				Options									
RC120	Cord mount (120" provided)			For options and accessories, see pages 419–425.									
SM	Surface mount												

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	HEIGHT (H) (SHORT)	HEIGHT (H) (TALL)	APERTURE	DIAMETER (D)
PDPA	300W PS25	14-7/8 (37.7)	17-5/8 (44.8)	7-7/8 (20.1)	9-3/8 (23.5)

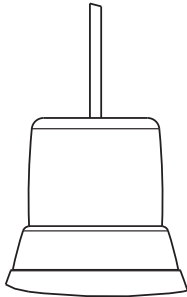
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

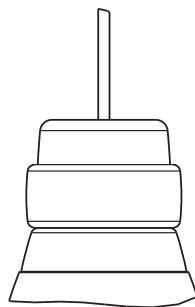
- 1 Refer to chart for maximum wattage availability.
- 2 Maximum lamp wattage for lensed units is 200W.
- 3 Additional architectural colors available; see pages 1118-1121.
- 4 Refer to page 386 for decorative and mounting options.
- 5 Provided with white cord RC120.

8" PDP

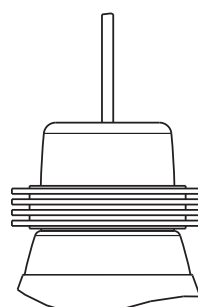
Elevations™

Decorative Elements and Mounting Configurations¹

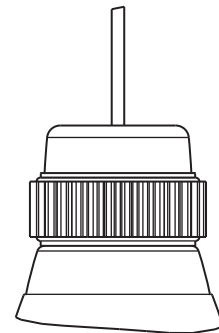
NR - No ring



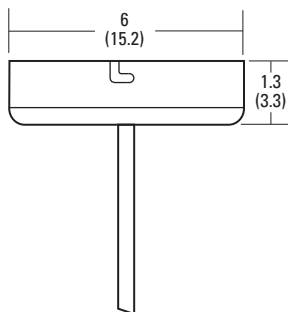
S - Soft ring



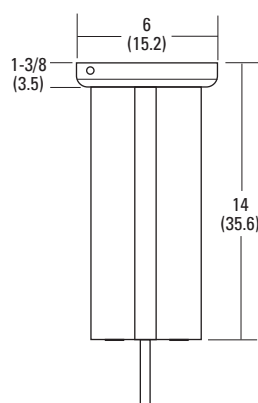
C - Stacked rings



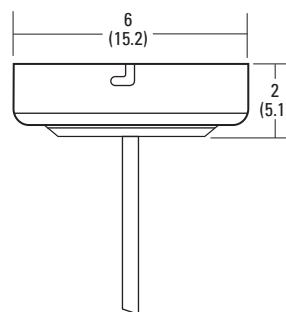
G - Gear



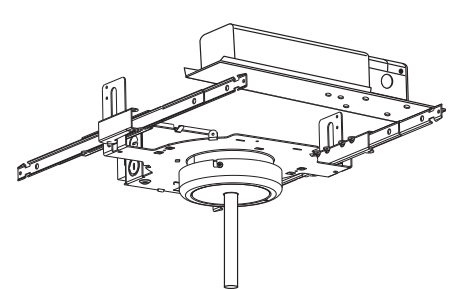
PDPA/PDPF-Candéo®, Ice™
Mounting canopy attaches
directly to J-box
RC120 (120" cord provided)



PDPH/PDPF EL²
Mounting canopy attaches
directly to J-box
RC120 (120" cord provided)

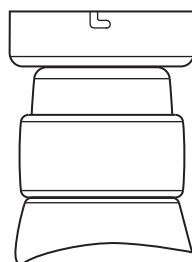


PDPF - Vertical
Mounting canopy attaches
directly to J-box
RC120 (120" cord provided)

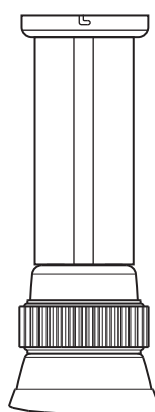


GRS
Recessed mounting frame option
RC120

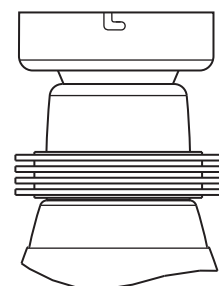
Length	Width	Height
20-1/4 (51.4)	17-3/4 (45.1)	9 (22.9)



PDPA/PDPF-Candéo®, Ice™
Mounting canopy attaches directly to J-box
SM



PDPH/PDPF EL
Mounting canopy attaches directly to J-box
SM



PDPF - Vertical
Mounting canopy attaches directly to J-box
SM

Notes

- ¹ For 4" mounting options, refer to specification sheet.
- ² Only available with PDPF 1-lamp vertical luminaire.

Intended Use

Pendant, surface and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums.

Features

- Self-flanged, semi-specular or matte-diffuse reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom
- Heavy-gauge aluminum housing with top deck for clean appearance
- Matte white textured polyester powder paint finish standard
- Reflector edge sits flush with cylinder wall for clean, one-piece appearance

- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance
- Ceiling mount (standard) offers patented (U.S. Patent No. 4,300,190) quick-mount attachment plate for direct installation to 4" square junction box
- Optional wall mount provided with mounting pattern for direct installation to 4" square or octagonal junction box
- Optional pendant mounting entry provided for 3/8" National Pipe Thread stem
- Mounting accessories available; wires supplied by others

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

CFV

Vertical Lamp
Double Twin-Tube (DTT)
Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: CFV9 26TRT 8AR 120 DWHG

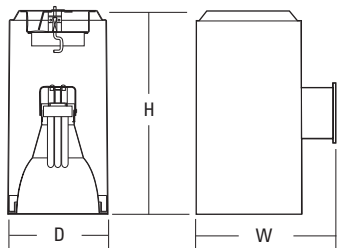
Series ¹	Lamp type	Aperture/Trim			Finish	Voltage
CFV8 ²	13DTT	6	AR	Clear	(blank) Semi-specular	MVOLT ⁴
CFV9 ³	18DTT				LD Matte-diffuse	120
	26DTT	8	PR	Pewter		277
	13TRT					347
	18TRT					
	26TRT					
	32TRT					
	42TRT					

Ballast	Mounting	Housing ⁵	Options
(blank) Electronic ballast	(blank) Ceiling mount	DWHG Matte white (standard)	For options and accessories, see pages 419-425.
ECOS Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	PM Pendant 3/8" thread mount	DDB Dark bronze	
ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%	WM Wall mount	DBL Black	
ADZT Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%		DNA Natural aluminum	
		DWH Gloss white	

ADDITIONAL INFORMATIONFor additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CFV8	6 (15.2)	7-5/8 (19.4)	15-1/2 (39.4)	10-7/8 (27.6)
CFV9	8 (20.3)	9-3/8 (23.8)	16 (40.6)	12-5/8 (32.1)

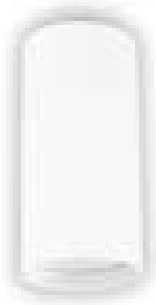
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Matte white finish (DWHG) standard.
- 2 Available in 6" aperture only.
- 3 Available in 8" aperture only.
- 4 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
- 5 Additional architectural colors available; see pages 1118-1121.

CFVL

Vertical Lamp
Double Twin-Tube (DTT)
Triple-Tube (TRT)



Intended Use

Pendant, surface, and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums. Surface and wall-mount products suitable for covered exterior applications.

Features

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency
- Available with tempered prismatic lens, flat Fresnel lens or flat opal lens
- Regressed door or stepped black baffle are available
- Door is retained by two self-aligning, torsion support springs
- Heavy-gauge aluminum housing with top deck for clean appearance

- Matte white textured polyester powder paint finish standard
- Reflector edge sits flush with cylinder wall for clean, one-piece appearance
- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance
- Ceiling mount (standard) offers patented (U.S. Patent No. 4,300,190), quick mount attachment plate for direct installation to 4" square junction box
- Wall mount or pendant mount available

Listings

Fixtures are UL Listed for wet locations. Wall and pendant mounted options are UL Listed for wet locations in Non-covered ceiling installations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: CFVL9 26TRT 8RW T73 120 DWHG

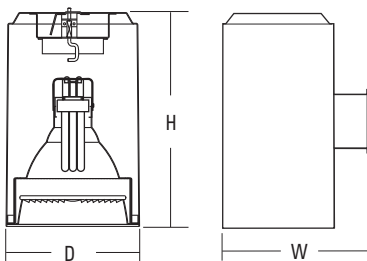
Series ¹	Lamp type	Aperture/Door			Lens	Voltage	Ballast	Mounting		Options
CFVL8 ²	26DTT ⁴	Aperture	Door		T73	Tempered prismatic lens	MVOLT ⁵	(blank)	Electronic ballast (standard)	For options and accessories, see pages 419-425.
CFVL9 ³	18TRT	6	RW	Regressed door			120	ECOS	Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	
	26TRT	8	SB	Stepped black baffle	FFL	Flat Fresnel lens	277		Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%	
	32TRT				FOL	Flat opal lens	347	ADEZ	Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%	
	42TRT							ADZT	Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%	
								WM	Wall mount	

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CFVL8	6 (15.2)	7-5/8 (19.4)	15-1/2 (39.4)	10-7/8 (27.6)
CFVL9	8 (20.3)	9-3/8 (23.8)	16 (40.6)	12-1/2 (31.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Matte white finish (DWHG) standard.
- Available in 6" aperture only.
- Available in 8" aperture only.
- Ships as a TRT fixture.
- Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
- Stem not included.

Intended Use

Pendant, surface and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums.

Features

- Self-flanged, semi-specular or matte-diffuse reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom
- Heavy-gauge aluminum housing with integral bottom deck for clean appearance
- Matte white textured polyester powder paint finish standard

- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance
- Standard ceiling mount provided with mounting pattern for direct installation to 3-1/4" and 4" octagonal or 4" square junction box
- Optional pendant mounting entry provided for 3/8" National Pipe Thread stem
- Mounting accessories available (see Accessories)
- Horizontally mounted, four-pin, positive-latch, thermoplastic sockets

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

CF

Horizontal Lamp Double Twin-Tube (DTT) Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

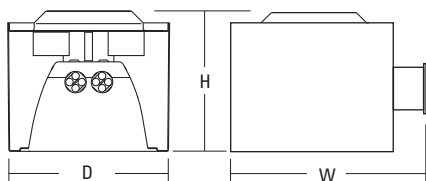
Example: CF11 2/26TRT 10AR 120 DWHG

Series ¹	Number of lamps/ Lamp type		Aperture/Trim ⁵			Finish	Voltage	Ballast		Mounting		Options	Housing ⁸	
CF10 ² CF11 ³	Number of lamps	Lamp type	Aperture ⁵	Trim		(blank) Semi-specular LD Matte-diffuse	MVOLT ⁶	(blank)	Electronic ballast	(blank)	Ceiling mount	For options and accessories, see pages 419-425.	DWHG	Matte white (standard)
			6	AR	Clear		120	ECOS	Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	PM	Pendant 3/8" thread mount ⁷		DDB	Dark bronze
		1/ 2/ 3/ ⁴	8	PR	Pewter		277						DBL	Black
			10	WTR	Wheat		347			WM	Wall mount		DNA	Natural aluminum
								ADEZ	Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%				DWH	Gloss white
								ADZT	Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%					

ADDITIONAL INFORMATIONFor additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	NUMBER OF LAMPS/ LAMP TYPE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CF10	6 (15.2)	1 or 2 DTT/1 TRT	9-3/4 (24.8)	9-5/8 (24.4)	13 (33.0)
CF11	8 (20.3)	1 or 2 DTT/1 TRT	10-3/4 (27.3)	9-3/8 (23.8)	14 (35.6)
CF11	10 (25.4)	1, 2 or 3 DTT/1 or 2 TRT	11-5/16 (28.7)	10-1/4 (26.0)	14-9/16 (37)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Matte white finish (DWHG) standard.
- 2 Available in 6" aperture only.
- 3 Available in 8" or 10" aperture only.
- 4 Available in 10" aperture DTT lamps only.
- 5 Refer to chart for number of lamps and lamp type availability.
- 6 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
- 7 Stem not included.
- 8 Additional architectural colors available; see pages 1118-1121.

PRODUCT INFORMATION

CFZ

Horizontal Lamp
Double Twin-Tube (DTT)

CFZ11



CFZ12

Intended Use

Provides general illumination with low to mid-height ceilings for use in corridors, restrooms, retail areas and office areas. Cross baffle controls brightness and complements parabolic luminaires.

Features

- Specular clear upper reflector
- Self-flanged, semi-specular or matte-diffuse cross baffle reflector
- Heavy-gauge aluminum housing with integral bottom deck for clean appearance

- Matte white textured polyester powder paint finish standard
- Provided with mounting pattern for direct installation to 3-1/4" and 4" octagonal or 4" square junction box
- Horizontally-mounted, four-pin, positive-latch thermoplastic sockets

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: CFZ11 2/26DTT 84A 120 DWHG

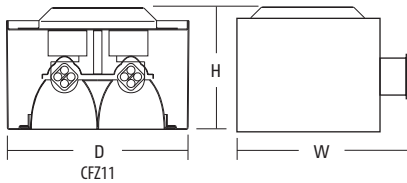
Series ¹	Number of lamps/Lamp type		Aperture/Trim		Finish		Voltage	Mounting		Options	Housing ⁵	
CFZ11	Number of lamps 2/	Lamp type	Aperture 8	Trim	(blank) LD	Semi-specular Matte-diffuse	MVOLT ³ 120 277 347	(blank) PM	Ceiling mount Pendant 3/8" thread mount ⁴ Wall mount	For options and accessories, see pages 419-425.	DWHG	Matte white (standard)
CFZ12 ²		13DTT									DBL	Black
		18DTT									DNA	Natural aluminum
		26DTT									DDB	Dark bronze
				4WT	Wheat						DWH	Gloss white

ADDITIONAL INFORMATION

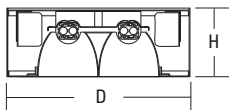
For additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CFZ11	8 (20.3)	10-3/4 (27.3)	7-1/4 (18.4)	14 (35.6)
CFZ12	8 (20.3)	12 (30.5)	4-1/2 (11.4)	N/A

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



CFZ11

**Notes**

- 1 Matte white finish (DWHG) standard.
- 2 Available in ceiling-mounted units only.
- 3 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
- 4 Stem not included.
- 5 Additional architectural colors available; see pages 1118-1121.

Intended Use

Pendant, surface and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums. Surface and wall-mount products suitable for covered exterior applications.

Features

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency
- Available with tempered prismatic lens (T73), flat Fresnel lens (FFL) or flat opal lens (FOL)
- Regressed door (RW) or stepped black baffle (SB) are available

- Door is retained by two self-aligning, torsion support springs
- Heavy-gauge aluminum housing with integral bottom deck for clean appearance
- Matte white textured polyester powder paint finish standard
- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance
- Ceiling mount (standard), wall mount or pendant mount available

Listings

Fixtures are UL Listed for wet locations. Wall mount suitable for wet locations. Ceiling and pendant mount suitable for wet locations in covered ceiling installations only.

CFL

Horizontal Lamp
Double Twin-Tube (DTT)
Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

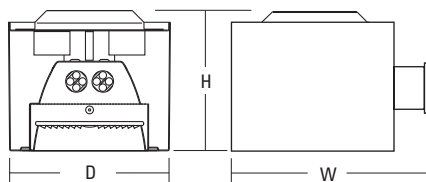
Example: CFL10 1/26TRT 6RW T73 120 DWHG

Series ¹	Number of lamps/Lamp type		Aperture/Door			Lens	Voltage	Mounting		Options	Housing ⁶		
CFL10 ²	Number of lamps	Lamp type	Aperture	Door		T73	Tempered prismatic lens	MVOLT ⁵	(blank)	Ceiling mount	For options and accessories, see pages 419-425.	DWHG	Matte white (standard)
CFL11 ³												DDB	Dark bronze
			6	RW	Regressed door	120	PM	Pendant 3/8" thread mount	DBL	Black			
			8	SB	Stepped black baffle	277	WM	Wall mount		DNA		Natural aluminum	
						347				DWH		Gloss white	
								FOL	Flat opal lens				DTG
										DGC	Charcoal grey		
												DSS	Sandstone

ADDITIONAL INFORMATIONFor additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CFL10	6 (15.2)	9-3/4 (24.8)	8-3/4 (22.2)	13 (33.0)
CFL11	8 (20.3)	10-3/4 (27.3)	9-3/8 (23.8)	14 (35.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Matte white finish (DWHG) standard.
- Available in 6" aperture only.
- Available in 8" aperture only.
- Requires a four-pin lamp; ships as a TRT fixture.
- Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60HZ.
- Additional architectural colors available; see pages 1118-1121.

CH CHL

Vertical Lamp



Intended Use

Pendant, surface and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums. Surface and wall-mount products suitable for covered exterior applications.

Features

- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom
- Heavy gauge, aluminum housing with top deck for clean appearance
- Provided with safety chain on ceiling and pendant units allowing hands-free wiring connections
- Matte white textured polyester powder paint finish standard

- Ceiling mount provided with mounting pattern for direct installation to 4" octagonal or square junction box
- Wall mount provided with mounting pattern for direct installation to 4" octagonal or square junction box
- Pendant mount entry provided for 3/8" National Pipe Thread stem
- Open luminaire - provided with protected, medium-base porcelain socket with nickel-plated screw shell
- Enclosed luminaire - provided with medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are listed and labeled to comply with U.S. and Canadian standards. Wall mount suitable for wet locations - lens required. Ceiling and pendant mount suitable for wet locations in covered ceiling installations only - lens required.

ORDERING INFORMATION

Specifications subject to change.

Example: CH8 70M 6AR 120 FCM DWHG

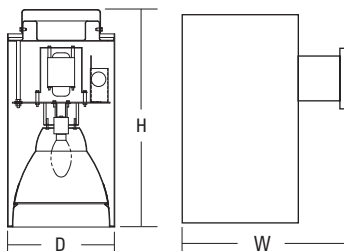
Series/Aperture ^{1,3}		Lamp type ⁴		Aperture/Trim color		Finish		Lens type		Voltage	Mounting		Housing ⁶		Options		
Series ¹	Diameter	Metal halide	Color-corrected metal halide														
CH	8	50M	50MHC	6	AR	Clear	(blank)	Semi-specular	(blank)	No lens	120	FCM	Ceiling mount	DWHG	Matte white (standard)	For options and accessories, see pages 419-425.	
CHL	10	70M	70MHC	8	PR	Pewter			CGL	Clear glass lens	277						
	13	100M	100MHC	12	WTR	Wheat	LD	Matte-diffuse				WM	Wall mount	DDB	Dark bronze		
		150M ²	150MHC		WR	White			T73	Tempered prismatic lens	347			DBL	Black		
		250M ^{2,4}	150MHC ²		BR	Black						PM	Pendant mount	DNA	Natural aluminum		
		P3870M ^{2,3}	P2039MHC ^{3,5}												DWH		Gloss white
		P38100M ^{2,3}	P3039MHC ^{3,5}												DTG		Tennis green
			P3070MHC ^{3,5}												DGC		Charcoal grey
			P3870MHC ^{2,3}												DSS	Sandstone	
			P38100MHC ^{2,3}														

ADDITIONAL INFORMATION

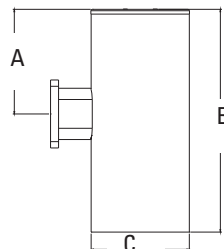
For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CH8	100 ED17	7-5/8 (19.4)	17-3/8 (44.1)	12-4/8 (31.8)
CH10	150 ED17	10 1/2 (26.7)	19-3/8 (49.2)	15-3/8 (39.1)
CH13	250 ED17	13-1/8 (33.3)	24-1/2 (62.2)	18 (45.7)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



CH8, CH10
PAR38



A: 8-1/8 (20.7)
B: 17-3/8 (44.1)
C: 7-5/8 (19.4)

Notes

- CH open, CHL lensed.
- Not available in CH8 or CHL8.
- Not available lens (CHL).
- CH13 only.
- Only available CH8.
- Additional architectural colors available; see pages 1118-1121.

Intended Use

Wall-mounted up/down cylinders provide direct and indirect general illumination with superior brightness control. Available with ED17 or PAR lamp sources. Appropriate for interior and exterior applications.

Features

- High performance Bounding Ray® optics and premium electric components deliver optimal light control and energy efficiency
- Weather-sealed top cap standard

- Heavy-gauge aluminum housing, rolled and seam-welded with no visible seam
- Wall-mounted application
- Medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are listed and labeled to comply with U.S. and Canadian standards. Suitable for wet locations - lower lens required.

CHU

Metal Halide

**ORDERING INFORMATION**

Specifications subject to change.

Example: CHU 8 70MHC 6AR 120 DDB

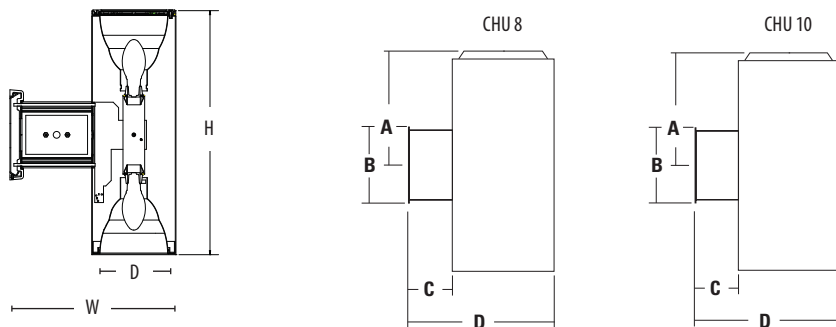
Series	Lamp type		Aperture/Trim			Distribution ³		Finish		Lens type		Voltage	Mounting		Finish ⁵		Options								
CHU 8	Metal halide	Color-correct metal halide	Aperture	Trim	(blank)	Wide	(blank)	Semi-specular	(blank)	No lens	MVOLT	(blank)	Wall mount	DWGH	Matte white (standard)	For options and accessories, see pages 419-425.									
CHU 10		50M												50MHC			6	AR	Clear	N	Narrow	LD	Clear glass lens	120	
		70M												70MHC			8	PR	Pewter				277		
		100M												100MHC				WTR	Wheat			T73	Tempered prismatic lens	347 ⁴	
		150M ¹												150MHC ¹				BR	Black						
		P3870M												P2039MHC ²				WR	White						
		P38100M ¹												P3039MHC ²											
														P3070MHC ²											
														P3870MHC											
														P38100MHC ¹											
		P38150MHC ¹																							
														DBL	Dark bronze										
														DBL	Black										
														DWH	Gloss white										
														DMB	Medium bronze										
														DNA	Natural aluminum										
														DSS	Sandstone										
														DGC	Charcoal grey										
														DTG	Tennis green										
														DBR	Bright red										
														DSB	Steel blue										

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CHU 8	100ED17	7-5/8 (19.4)	22-1/2 (57.2)	15-5/16 (38.9)
CHU 10	150ED17	10-1/2 (26.7)	22-1/2 (57.2)	17 (43.2)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



A: 11-1/2(29.2)
B: 8-5/16(21.1)
C: 7-9/16(19.2)
D: 15-5/16(38.9)

A: 11-1/2(29.2)
B: 8-5/16(21.1)
C: 7-9/16(19.2)
D: 17(43.2)

Notes

- 1 CHU 10 only.
- 2 CHU 8 only.
- 3 Not available with PAR lamps.
- 4 Not available 50W.
- 5 Additional architectural colors available; see pages 1118-1121.

CA**Vertical Lamp
PAR38****Intended Use**

Pendant, surface and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums.

Features

- Black baffle
- Heavy-gauge aluminum housing
- Matte white textured polyester powder paint finish standard

- Ceiling mount (standard) provided with mounting pattern for direct installation to 3-1/2" or 4" octagonal junction box
- Wall mount or pendant mount available
- Medium-base porcelain socket with nickel-plated screw shell

Listings

Fixtures are UL Listed for damp locations. Wall mounted option is UL Listed for wet locations for Non-covered ceiling installations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: CA6 6MB DWHG

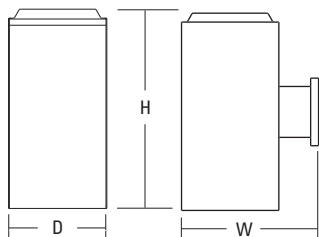
Series ¹	Aperture/Trim ⁴	Mounting	Options	Housing ³
CA6	Aperture⁴ 6 Trim MB Black baffle	(blank) Ceiling mount PM Pendant 3/8" thread mount WM Wall mount ²	For options and accessories, see pages 419-425.	DWHG Matte white (standard) DDB Dark bronze DBL Black DNA Natural aluminum DWH Gloss white DTG Tennis green DGC Charcoal grey DSS Sandstone

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP ²	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CA6	150W PAR38	5-7/8 (14.9)	9-5/8 (24.4)	7-3/16(18.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Matte white finish (DWHG) standard.
- ² Maximum wattage for wall mount option is Q250W PAR38.
- ³ Additional architectural colors available; see pages 1118-1121.
- ⁴ Refer to chart for maximum wattage availability.

CA

Vertical Lamp



Intended Use

Pendant, surface and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums.

Features

- Reflector - Self-flanged, semi-specular, specular or matte diffuse reflector available
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom
- Patent-pending integrated snoot on PAR 30 optical system minimizes striations normally associated with PAR lamps

- Matte white textured polyester powder paint finish standard
- Reflector edge sits flush with cylinder wall for clean, one-piece appearance
- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance
- Ceiling mount (standard) offers patented (U.S. Patent No. 4,300,190), quick mount attachment plate for direct installation
- Wall mount or pendant mount available

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: CA8 6AR DWHG

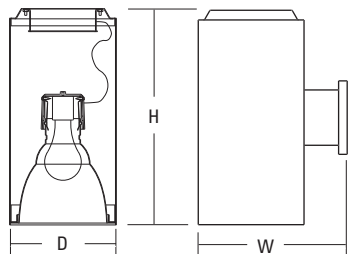
Series ¹	Lamp type	Aperture/Trim			Finish	Mounting		Options	Housing ⁶	
CA8 ²	(blank) A19, A21, A23 ³ , PS25 ³ lamp	Aperture	Trim		(blank)	Semi-specular	(blank)	For options and accessories, see pages 419-425.	DWHG	Matte white (standard)
CA9 ³	PAR30 PAR30 (75W max.) ²	6	AR	Clear	LD	Matte-diffuse	PM		DDB	Dark bronze
	PAR38 PAR 38 (Q250W max.) ³	8	BR	Black ⁴	LS	Specular	WM		DBL	Black
			PR	Pewter					DNA	Natural aluminum
			WTR	Wheat					DWH	Gloss white
			MB	Black baffle ^{4,5}					DTG	Tennis green
			WB	White baffle ^{4,5}					DGC	Charcoal grey
			GR	Gold					DSS	Sandstone

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	APERTURE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CA8	150W A21	6-1/4 (15.9)	7-5/8 (19.4)	15-1/2 (39.4)	10-7/8 (27.6)
CA8	75W PAR30	6-1/4 (15.9)	7-5/8 (19.4)	15-1/2 (39.4)	10-7/8 (27.6)
CA9	300W PS25	8 (20.3)	9-3/8 (23.8)	16 (40.6)	12-1/2 (31.8)
CA9	Q250W PAR38	8 (20.3)	9-3/8 (23.8)	16 (40.6)	12-1/2 (31.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Matte white finish (DWHG) standard.
- 2 Available in 6" aperture only.
- 3 Available in 8" aperture only.
- 4 Not available with finishes.
- 5 Not available with PAR30 and PAR38 lamp types.
- 6 Additional architectural colors available; see pages 1118-1121.
- 7 Refer to chart for maximum wattage availability.

CAL

Vertical Lamp



Intended Use

Pendant, surface and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums and auditoriums.

Features

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency
- Available with tempered prismatic lens, flat Fresnel lens or flat opal lens
- Regressed door (RW) or stepped black baffle (SB) are available
- Door is retained by two self-aligning, torsion support springs
- Heavy-gauge aluminum housing with top deck for clean appearance

- Matte white textured polyester powder paint finish standard
- Reflector edge sits flush with cylinder wall for clean, one-piece appearance
- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance
- Ceiling mount (standard) offers patented (U.S. Patent No. 4,300,190), quick mount attachment plate for direct installation
- Wall mount or pendant mount available. Wires supplied by others

Listings

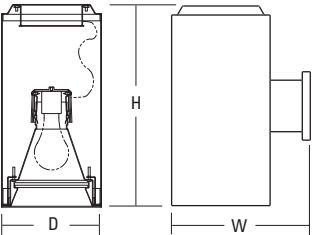
Fixtures are UL Listed for wet locations. Wall mount suitable for wet locations. Ceiling and pendant mount suitable for wet locations in covered ceiling installations only.

ORDERING INFORMATION		Specifications subject to change.				Example: CAL8 6RW T73 DWHG	
Series ¹	Aperture/Door ⁵		Lens	Mounting		Options	Housing ⁴
CAL8 ²	Aperture ⁵ Door		T73 Tempered prismatic lens	(blank)	Ceiling mount	For options and accessories, see pages 419-425.	DWHG Matte white (standard)
CAL9 ³	6	RW Regressed door	FFL Flat Fresnel lens	PM	Pendant 3/8" thread mount		DDB Dark bronze
	8	SB Stepped black baffle	FOL Flat opal lens	WM	Wall mount		DBL Black
							DNA Natural aluminum
						DWH Gloss white	
						DTG Tennis green	
						DGC Charcoal grey	
						DSS Sandstone	

ADDITIONAL INFORMATION For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/ LAMP	APERTURE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CAL8	150W A21	6 (15.2)	7-5/8 (19.4)	15-1/2 (39.4)	10-7/8 (27.6)
CAL9	150W A21	8 (20.3)	9-3/8 (23.8)	16 (40.6)	12-1/2 (31.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Matte white finish (DWHG) standard.
- 2 Available in 6" aperture only.
- 3 Available in 8" aperture only.
- 4 Additional architectural colors available; see pages 1118-1121.
- 5 Refer to chart for maximum wattage availability.

Intended Use

Pendant, surface, and wall-mounted cylinders provide general illumination with superior brightness control. Appropriate for interior applications with mid to high ceilings, such as atriums or auditoriums.

Features

- Three preset distribution patterns allow designers to achieve various design objectives
- Reflector - Clear anodized upper reflector and self-flanged finishing trim provide 50° cut-off, optimal efficiency and glare control while maintaining a smooth beam pattern that is free of hot spots and striations
- Protective lamp guard utilizes clear ceramic technology that reduces UV emissions and provides higher heat tolerance and better protection than standard borosilicate lenses
- Heavy gauge, rolled and welded aluminum housing with no visible seam
- Matte white textured polyester powder paint finish standard

- Reveal on standard ceiling and optional pendant mount provides floating luminaire appearance
- Provided with safety chain between reveal and housing on ceiling and pendant units for hands free wiring connections
- Standard ceiling mount provided with mounting pattern for direct installation to 4" square or octagonal junction box
- Optional pendant mounting entry provided for 3/8" National Pipe Thread stem
- Swivel mounting accessories available
- Extruded aluminum lampholder housing designed for effective heat dissipation and positive light center positioning

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

CQ

Vertical Lamp

Quartz Halogen T4

**ORDERING INFORMATION**

Specifications subject to change.

Example: CQ11 250 N 6AR DWHG

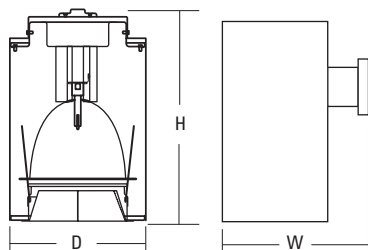
Series ¹	Lamp type ²	Distribution	Aperture/Trim			Finish		Mounting		Options	Housing ⁴	
CQ11	150	N Narrow	6	Aperture	Trim	(blank)	Semi-specular	(blank)	Ceiling mount	For options and accessories, see pages 419-425.	DWHG	Matte white (standard)
	250	M Medium		AR	Clear	LD	Matte-diffuse	PM	Pendant 3/8" thread mount		DDB	Dark bronze
	400	W Wide		PR	Pewter			WM	Wall mount		DBL	Black
	500			WTR	Wheat						DNA	Natural aluminum
				BR	Black ²						DWH	Gloss white
				MB	Black baffle ³						DTG	Tennis green
				WB	White baffle ³						DGC	Charcoal grey
												DSS

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CQ11	6-1/4 (15.9)	11-3/16 (28.4)	17-1/2 (44.5)	16 (40.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Matte white finish (DWHG) standard.
- 2 Recommended for use with frosted lamp by Sylvania, GE, Philips or USHIO.
- 3 Not available with finishes.
- 4 Additional architectural colors available; see pages 1118-1121.

GQP

Quartz Halogen T4



Intended Use

Provides general illumination with superior optical control from a small aperture. Can be suspended with aircraft cable, pendant-mounted or arm-mounted to a ceiling, wall or catwalk structure. Suitable for applications with high ceilings such as churches and large auditoriums requiring superior optical control, optimal color rendering and convenient aiming.

Features

- Three preset distribution patterns allow designers to achieve various design objectives
- Reflector - Clear anodized upper reflector and self-flanged finishing trim provide 50° cut-off, optimal efficiency and glare control while maintaining a smooth beam pattern that is free of hot spots and striations
- Protective lamp guard utilizes clear ceramic technology that reduces UV emissions and provides higher heat tolerance and better protection than standard borosilicate lenses

- One piece, die-cast aluminum upper housing provides 3 square feet of surface area to dissipate heat and improve lamp life
- Pendant mount entry provided for 3/8" National Pipe Thread stem
- Swivel mounting accessories available
- Wall mount provided with adjustable yoke mechanism for 45° tilt
- Aircraft cable mount provided with 10ft. aircraft cable and black cord

Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

Example: GQP10 150 N 6AR ACC

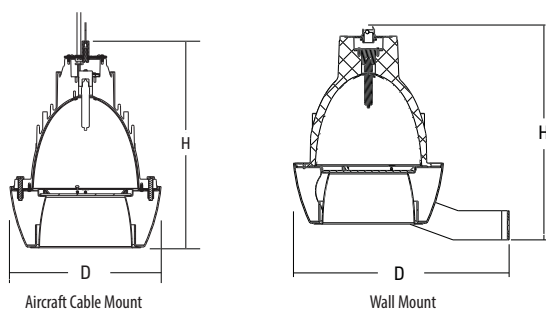
Series/Aperture		Lamp type ¹	Distribution	Aperture/Trim		Finish		Mounting		Mounting accessories		
Series	Aperture	150	N Narrow	Aperture	Trim	(blank)	Semi-specular	PM	Pendant 3/8" thread mount ^{3,4}	CYS	3/8" stem and canopy with 5° "hang straight" swivel ⁶	
GQP	10	250	M Medium	6	AR	Clear	LD	Matte-diffuse	WM	Wall mount with adjustable yoke ³	CRS	3/8" stem and canopy with 45° swivel ⁶
		400	W Wide		BR	Black ²	LS	Specular	ACC	Aircraft cable and cord ⁵		
		500			PR	Pewter						
					WTR	Wheat						
					MB	Black baffle ²						
	WB		White baffle ²									
				GR	Gold							

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	APERTURE	DIAMETER (D)	PENDANT MOUNT HEIGHT (H)	AIRCRAFT CABLE & CORD HEIGHT (H)	WALL MOUNT DEPTH (D)	WALL MOUNT HEIGHT (H)
GQP10	6-1/4 (15.9)	10-9/32 (25.2)	14-1/16 (35.6)	14-1/16 (35.6)	14-3/16 (36.0)	14-3/4 (37.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Recommended for use with frosted lamp by Sylvania, GE, Philips or Ushio.
- 2 Not available with finishes.
- 3 Provided with 36" socket leads. Additional lengths of wire must be field installed using 150°C-rated wire and ceramic wire nuts.
- 4 Available with CYS or CRS stem option only.
- 5 Provided with 10-ft. aircraft cable and black cord. Consult factory for additional lengths.
- 6 For use with PM option only. Length of stem must be specified (from 6" to 48" in 2" even increments). EX: CYS12. Stems greater than 48", maximum 240", provided with couplers. Consult factory for exterior use.

Intended Use

Provides direct and indirect light with superior brightness control. PAR lamps provide crisp white light in a variety of beam spreads for flexible lighting solutions. Appropriate for interior applications with mid to high ceilings.

Features

- Microgroove black baffle with white painted flange or specular, semi-diffuse or highly specular cone with flange that matches cone finish (downlight only)
- White painted flange optional
- Heavy gauge, rolled and welded aluminum housing with no visible seam

- Matte white textured polyester powder paint finish standard
- Standard wall mount provided with mounting pattern for direct installation to 4" square or octagonal junction box
- Heavy duty medium base porcelain socket with nickel plated screw shell
- Heat dissipating, extruded aluminum socket housing

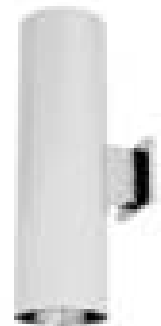
Listings

Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian standards.

CWU

Vertical Lamp

PAR

**ORDERING INFORMATION**

Specifications subject to change.

Example: CWU7A AC DWHG

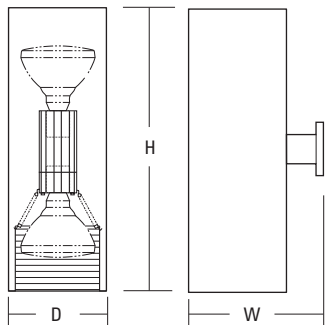
Series/Aperture ^{1,4}		Trim	Finish	Options	Housing ³
Series ¹ CWU	Aperture ⁴ 7A	AC Clear	(blank) Semi-specular	For options and accessories, see pages 419-425.	DWHG Matte white (standard)
		PC Pewter	LD Matte-diffuse		DDB Dark bronze
	8A	WTC Wheat	LS Specular		DBL Black
		BC Black ²			DNA Natural aluminum
		MB Black baffle ²			DWH Gloss white
		WB White baffle ²			DTG Tennis green
		GC Gold			DGC Charcoal grey
					DSS Sandstone

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	MAXIMUM WATTAGE/LAMP	DIAMETER (D)	HEIGHT (H)	WALL MOUNT WIDTH (W)
CWU7A	150W PAR38, 150W R40	6-5/8 (16.8)	22-1/2 (57.2)	9-7/8 (25.1)
CWU8A	Q250W PAR38, 300W R40	8-3/8 (21.3)	22-1/2 (57.2)	11-5/8 (29.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Matte white finish (DWHG) standard.
- 2 Not available with finishes.
- 3 Additional architectural colors available; see pages 1118-1121.
- 4 Refer to chart for maximum wattage availability.

AFI AFWI

Horizontal DTT or TRT Lamp



Intended Use

For general downlight applications that demand high efficiency and superior optical control.

Features

- High performance Bounding Ray® optics and premium electric components deliver optimal light control and energy efficiency
- Self-flanged, semi-specular or diffuse anodized reflector

- Die-cast aluminum socket housing designed for effective heat dissipation and positive lamp positioning
- Eurostyle terminal block included for power supply and ground connections

Listings

MVOLT, 120V and 277V fixtures are UL Listed, NON-IC recessed mounting and damp locations. 220V and 240V fixtures are CE Certified and rated IP20.

ORDERING INFORMATION

Specifications subject to change.

Example: AFI 1/13TRT 6AR 120 ECOS TRW

Series	Number of lamps/ Lamp type		Aperture/Trim			Finish	Voltage	Ballast		Options	
	Number of lamps	Lamp type	Aperture	Trim							
AFI			6	AR	Clear	(blank)	MVOLT ^{3,4}	(blank)	Electronic ballast	TRW	White painted flange
AFWI	1/	13TRT	8	PR	Pewter	LD	120 ⁴	ECOS	Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	TRBL	Black painted flange
	2/	18TRT		WTR	Wheat		220 ⁵			WLP	With 3500K lamp (shipped separately)
		26TRT		CB	Cross baffle ¹		240 ⁵	ADEZ	Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ⁶	GMF	Single, slow-blow fuse
		32TRT		BC	Black cone ^{1,2}		277 ⁴			GLR	Single, fast-blow fuse
		42TRT		WR	White painted ^{1,2}			ADZT	Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ⁶	GSKT	Foam gasketing, ships uninstalled
		13DTT									
		18DTT									
		26DTT						VDB	Vossloh 0-10V dimming ballast ⁷		

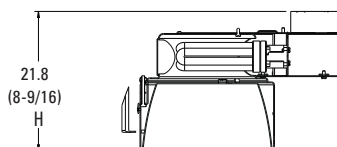
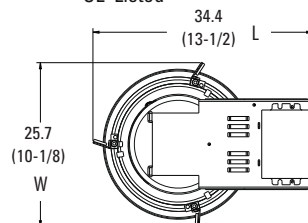
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AFI/AFWI 6 UL Listed	7-1/8 (18)	14-15/16 (36.3)	7-1/2 (19.1)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
AFI/AFWI 6 CE Certified	6-1/4 (15.9)	12-5/8 (32.1)	7-1/2 (19.1)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
AFI/AFWI 8 UL Listed	8-9/16 (21.8)	13-1/2 (34.4)	10-1/8 (25.7)	7-7/8 (20.1)	8-5/8 (21.9)	9-1/4 (23.5)
AFI/AFWI 8 CE Certified	7-1/4 (18.4)	15-1/8 (38.4)	10-1/8 (25.7)	7-7/8 (20.1)	8-5/8 (21.9)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters) unless otherwise noted.

UL Listed



Notes

- ¹ AFI only.
- ² Not available with finishes.
- ³ Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
- ⁴ Available with UL listing only. 120-277V, 50/60Hz.
- ⁵ Available with CE listing only. 220-240V, 50/ 60 Hz.
- ⁶ Available with 120V or 277V only.
- ⁷ Available with 220V or 240V only.

Intended Use

International - For general downlight applications that demand high efficiency and superior optical control.

Features

- Patented Vertisys® optical design and premium electric components deliver optimal light control and energy efficiency
- Self-flanged, semi-specular or diffuse anodized reflector

- Aluminum socket housing, keyed for positive lamp positioning
- Eurostyle terminal block included for power supply and ground connections

Listings

MVOLT, 120V and 277V fixtures are UL Listed, NON-IC recessed mounting and damp locations. 220V and 240V fixtures are CE Certified and rated IP20.

AFVI AFVWI

Vertical DTT or TRT Lamp

**ORDERING INFORMATION**

Specifications subject to change.

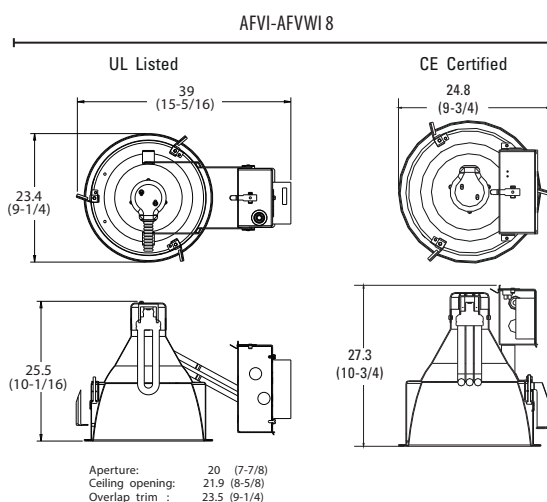
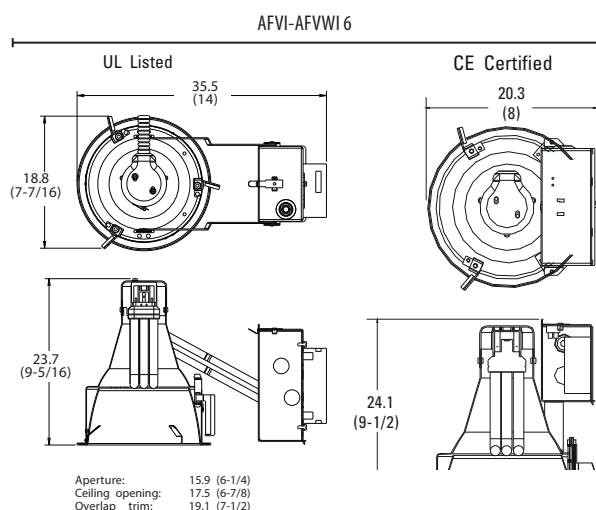
Example: AFVI 1/13TRT 8PR LD 240 ECOS TRW

Series	Number of lamps/ Lamp type		Aperture/Trim			Finish	Voltage	Ballast	Options	
AFVI	Number of lamps	Lamp type	Aperture	Trim		(blank) Semi-specular	MVOLT ^{3,4}	(blank) Electronic ballast	TRW	White painted flange
AFVWI			6	AR Clear		LD Matte-diffuse	120 ⁴	ECOS Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	TRBL	Black painted flange
	1/	13TRT	8	PR Pewter			220 ⁵		WLP	With 3500K lamp (shipped separately)
	2/	18TRT		WTR Wheat			240 ⁵		GMF	Single, slow-blow fuse
		26TRT		WR White painted ^{1,2}			277 ⁴	ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ⁶	GLR	Single, fast-blow fuse
		32TRT							GSKT	Foam gasketing, ships uninstalled
		42TRT								
		13DTT						ADZT Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ⁶		
		18DTT								
		26DTT						VDB Vossloh 0-10V dimming ballast ⁷		

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not available with finishes.
- AFVI only.
- Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
- Available with UL listing only. 120-277V, 50/60Hz.
- Available with CE listing only. 220-240V, 50/ 60 Hz.
- Available with 120V or 277V only.
- Available with 220V or 240V only.

LGFI

Wet Location Horizontal DTT or TRT Lamp



Intended Use

International - For special purpose downlight applications that require enclosed optics in shallow plenum areas.

Features

- High reflective white-painted upper reflector
- Regressed white door (RW) or Stepped black baffle (SB) are available; door is retained by two self-aligning, torsion support springs

- Available with Tempered prismatic lens (T73), Flat Fresnel lens (FFL) or Flat opal lens (FOL)

Listings

MVOLT, 120V and 277V fixtures are UL Listed, NON-IC recessed mounting and wet locations. 220V and 240V fixtures are CE Certified and rated IP44.

ORDERING INFORMATION

Specifications subject to change.

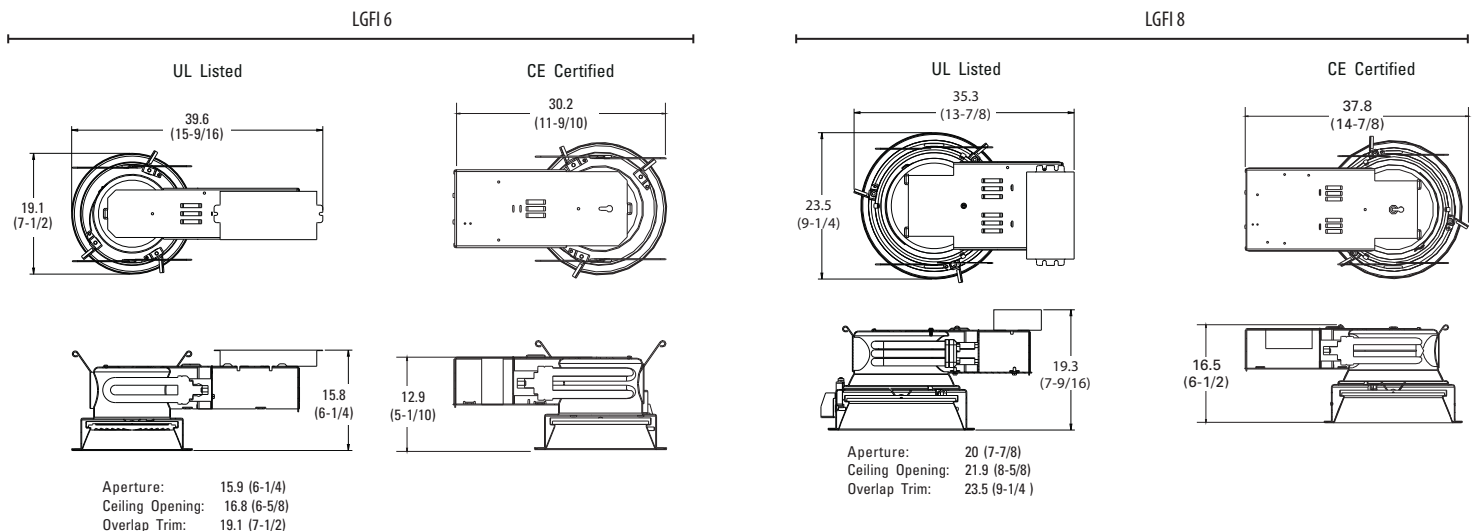
Example: LGFI 1/13DTT 6RW T73 MVOLT TRDA

Series	Number of lamps/Lamp type	Aperture/Door	Lens	Voltage	Ballast	Options
LGFI	Number of lamps	Lamp type				
	1/	13DTT	T73 Tempered prismatic lens	MVOLT ^{1,2}	(blank) Electronic ballast	TRDA Tamper-resistant door assembly
	2/	18DTT	FOL Flat opal lens	120 ²	ECOS Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	WLP With 3500K lamp (shipped separately)
		26DTT	FFL Flat fresnel lens	220 ³	ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ⁴	GSKT Foam gasketing, ships uninstalled
		13TRT	PPC Prismatic polycarbonate lens ¹	277 ³	ADZT Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ⁴	
		18TRT		347 ²	VDB Vossloh 0-10V dimming ballast ⁵	
		26TRT				
		32TRT				
		42TRT				

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
- 2 Available with UL listing only. 120-277V, 50/60Hz.
- 3 Available with CE listing only. 220-240V, 50/60 Hz.
- 4 Available with 120V or 277V only.
- 5 Available with 220V or 240V only.

Intended Use

International - For special purpose downlight applications that require enclosed optics.

Features

- High reflective white-painted upper reflector
- Regressed white door (RW) or Stepped black baffle (SB) are available; door is retained by two self-aligning, torsion support springs.

- Available with Tempered prismatic lens (T73), Flat Fresnel lens (FFL) or Flat opal lens (FOL)
- Eurostyle terminal block included for power supply and ground connections

Listings

MVOLT, 120V and 277V fixtures are UL Listed, NON-IC recessed mounting and wet locations. 220V and 240V fixtures are CE Certified and rated IP44.

LGFVI

Wet Location
Vertical DTT or TRT Lamp

**ORDERING INFORMATION**

Specifications subject to change.

Example: LGFVI 13DTT 6RW T73 MVOLT ECOS TRDA

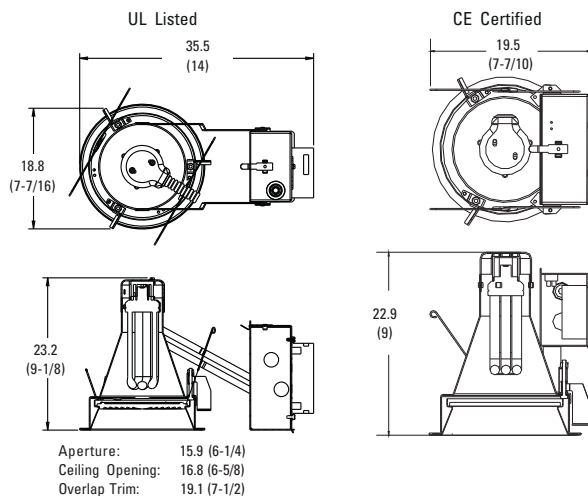
Series	Lamp type	Aperture/Door		Lens	Voltage	Ballast	Options				
LGFVI	13DTT	Aperture 6	Door RW	T73	Tempered prismatic lens		MVOLT ^{1,2}	(blank)	Electronic ballast	TRDA	Tamper-resistant door assembly
	18DTT			FOL	Flat opal lens		120 ²	ECOS	Lutron® EcoSystem® electronic dimming ballast.	WLP	With 3500K lamp (shipped separately)
	26DTT	8	SB	FFL	Flat fresnel lens		220 ³	Minimum dimming level 5%			
	13TRT			PPC	Prismatic polycarbonate lens		277 ³	ADEZ	Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ⁴	GSKT	Foam gasketing, ships uninstalled
	18TRT	RA	Regressed anodized			347 ²					
	26TRT										
	32TRT										
	42TRT										
						ADZT	Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ⁴				
						VDB	Vossloh 0-10V dimming ballast ⁵				

ADDITIONAL INFORMATION

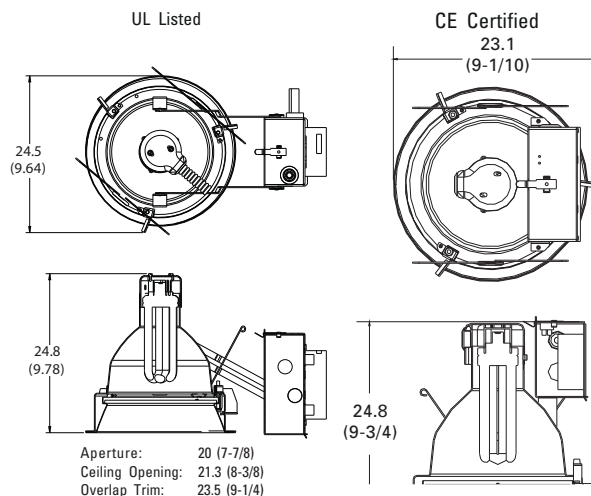
For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

LGFVI 6



LGFVI 8

**Notes**

- 1 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
- 2 Available with UL listing only. 120-277V, 50/60Hz.
- 3 Available with CE listing only. 220-240V, 50/ 60 Hz.
- 4 Available with 120V or 277V only.
- 5 Available with 220V or 240V only.

PDGFI

Candéo® Open Reflector Horizontal Triple-Tube Lamp



Intended Use

International - High performance downlight with decorative accent features designed to add visual interest. View Flash Presentation.

Features

- Patented three-part optical system interacts to create the effect of a clear specular aperture floating within a pool of diffuse white or colored light
- Self-flanged diffuse white painted outer cone
- Patented assembly allows simple field adjustment of inner cone position from flush-to-ceiling plane (default setting)

up to 3/4" offset - to enhance view of diffuse color component

- Integral yoke utilized to retain optical system
- Hinged lamp door reduces stray light in the plenum
- Eurostyle terminal block included for power supply and ground connections

Listings

Fixtures are CE Listed, NON-IC recessed mounting and damp locations.

ORDERING INFORMATION

Specifications subject to change.

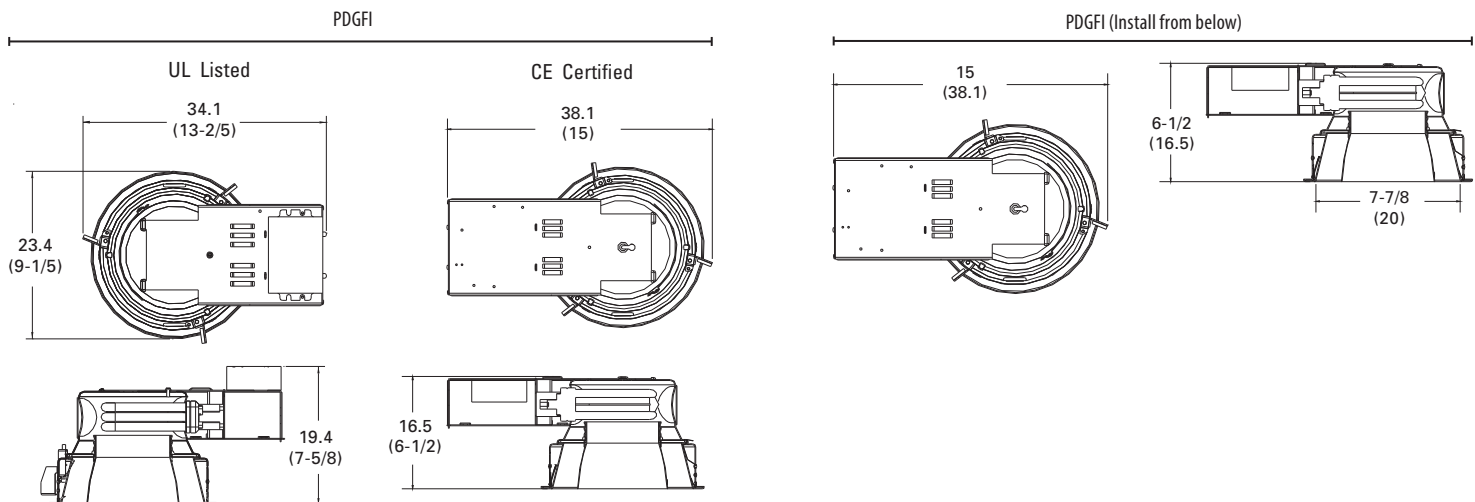
Example: PDGFI 1/32TRT 8AR WHT 220

Series	Lamp type	Aperture/Trim	Finish	Color ¹	Voltage	Ballast	Options
PDGFI	13DTT	Aperture 8 Trim AR Clear	(blank) Semi-specular LD Matte-diffuse	WHT	Snow	MVOLT ^{2,3}	WLP With 3500K lamp (shipped separately)
	18DTT			GRN	Sea	120 ³	ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ⁵
	26DTT			BLU	Sky	220 ⁴	ADZT Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ⁵
	13TRT			TAN	Sand	277 ⁴	ECOS Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%
	18TRT			RBV	Ruby	347 ³	VDB Vossloh 0-10V dimming ballast ⁶
	26TRT						
	32TRT						
	42TRT						

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Consult factory for additional colors.
- Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.
- Available with UL listing only. 120-277V, 50/60Hz.
- Available with CE listing only. 220-240V, 50/60Hz.
- Available in 120V or 277V only.
- Available in 220V or 240V only.

Intended Use

High performance downlight with decorative accent features designed to add visual interest.

Features

- Clear acrylic turbo baffle captures light to provide a decorative edge-glow appearance
- High performance Bounding Ray® optics and premium electric components deliver optimal light control and energy efficiency
- Hinged lamp door reduces stray light in the plenum

- Eurostyle terminal block included for power supply and ground connections

Listings

Fixtures are CE Listed, recessed mounting and damp locations.

PDTFI

Ice™ Turbo
Horizontal Triple-Tube Lamp

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDTFI 1/32TRT 8AR 220

Series	Number of lamps/Lamp type		Aperture/Trim		Voltage	Ballast	Options	
PDTFI	Number of lamps	Lamp type	Aperture	Trim	MVOLT ^{1,2}	(blank) Electronic ballast	TRW	White painted flange
	1/	13DTT	6	AR Clear	120 ²	ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ^{4,5,6}	WLP	With 3500K lamp (shipped separately)
	2/	18DTT	8		220 ³	ADZT Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ^{4,5,6}	GMF	Single, slow-blow fuse ^{4,5,6}
		26DTT			240 ³	ECOS Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5% ^{5,6}	GLR	Single, fast-blow fuse ^{4,5,6}
		13TRT			277 ²	VDB Vossloh 0-10V dimming ballast ^{6,7}	GSKT	Foam gasketing, ships uninstalled
		18TRT						
		26TRT						
		32TRT						
		42TRT						

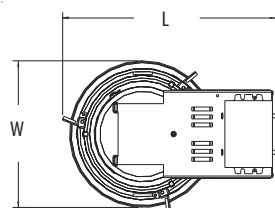
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

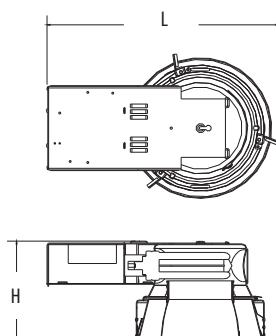
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
PDTFI 6 UL Listed	7-1/8 (18.1)	14-1/4 (36.2)	7-1/2 (19.1)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
PDTFI 6 CE Listed	6-1/4 (15.9)	12-5/8 (32.1)	7-1/2 (19.1)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
PDTFI 8 UL Listed	8-9/16 (21.8)	13-1/2 (34.4)	9-1/4 (23.4)	7-7/8 (20.1)	8-5/8 (21.9)	9-1/4 (23.5)
PDTFI 8 CE Listed	7-1/4 (18.4)	15-1/8 (38.4)	10-1/8 (25.7)	7-7/8 (20.1)	8-5/8 (21.9)	9-1/4 (23.5)
PDTFI 6 (Install from below)	6-1/4 (15.9)	12-5/8 (32.1)	10-1/8 (25.7)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
PDTFI 8 (Install from below)	7-1/4 (18.4)	15-1/8 (38.4)	10-1/8 (25.7)	7-7/8 (20.1)	8-5/8 (21.9)	9-1/4 (23.5)

UL Listed



CE Certified

**Notes**

- 1 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.
- 2 Available with UL listing only. 120-277V, 50/60Hz.
- 3 Available with CE listing only. 220-240V, 50/60Hz.
- 4 Available in 120V or 277V only.
- 5 Not available with 8" install from below option.
- 6 Not available with 6" install from below option.
- 7 Available in 220V or 240V only.

PDXFI

Ice™ Color

Horizontal Lamp, Triple Tube



Intended Use

International - High performance downlight with decorative accent features designed to add visual interest.

Features

- Clear acrylic turbo baffle captures light to provide a decorative edge-glow appearance
- High performance Bounding Ray® optics and premium electric components deliver optimal light control and energy efficiency
- Hinged lamp door reduces stray light in the plenum

- Eurostyle terminal block included for power supply and ground connections

Listings

Fixtures are CE Listed, recessed mounting and damp locations.

ORDERING INFORMATION

Specifications subject to change.

Example: PDXFI 1/32TRT 6AR CLRf 220

Series	Number of lamps/Lamp type		Aperture/Trim			Baffle Type		Voltage	Ballast		Options	
PDXFI	Number of lamps Lamp type		Aperture	Trim		RLRF	Red flush	MVOLT ^{3,4}	(blank)	Electronic ballast	TRW	White painted flange
	1/	18TRT	6	AR	Clear	RLRR	Red round	120 ⁴	ADEZ	Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ⁶	WLP	With 3500K lamp (shipped separately)
	2/ ¹	26TRT	8	AR	Clear	BLRF	Blue flush	220 ⁵				
		32TRT				BLRR	Blue round	240 ⁵			GMF	Single, slow-blow fuse ⁶
		42TRT				ALRF	Amber flush	277 ⁴	ADZT	Advance Mark 7® electronic dimming ballast. Minimum dimming level 5% ⁶	GLR	Single, fast-blow fuse ⁶
		57TRT ²				WLRF	White flush				GSKT	Foam gasketing, ships uninstalled
						WLRR	White round		ECOS	Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5% ⁶	CAL	Clear acrylic
						CLRF	Clear flush					
						CLRR	Clear round					
						CLRA	Clear angular		VDB	Vossloh 0-10V dimming ballast ⁷		

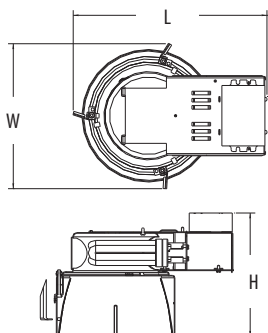
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

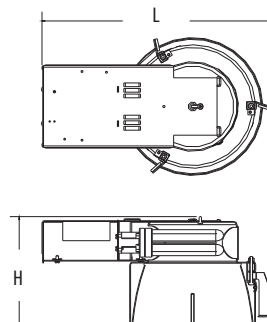
SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
PDXFI 6 UL LISTED	7-1/7 (18.1)	14-1/3 (36.4)	7 1/2 (19.1)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
PDXFI 6 CE LISTED	6-1/4 (15.9)	12-5/8 (32.1)	7 1/2 (19.1)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
PDXFI 8 UL LISTED	8-3/5 (21.8)	13-1/2 (34.3)	10-1/10 (25.7)	7-7/8 (20)	8-5/8 (21.9)	9-1/4 (23.5)
PDXFI 8 CE LISTED	7-1/4 (18.4)	15-1/8 (38.4)	10-1/10 (25.7)	7-7/8 (20)	8-5/8 (21.9)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

UL Listed



CE Certified



Notes

- 1 8" only.
- 2 1-lamp only
- 3 Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 HZ.
- 4 Available with UL listing only. 120-277V, 50/60Hz.
- 5 Available with CE listing only. 220-240V, 50/60Hz.
- 6 Available in 120V or 277V only.
- 7 Available in 220V or 240V only.

Intended Use

International - High performance downlight with decorative accent features designed to add visual interest.

Features

- Reflector-Self flanged, semi-specular or matte diffuse reflector; patented Bounding Ray™ Principal design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top reflector to bottom
- Wallwash-Highly reflective outer kicker reflector provides smooth, uniform illumination floor to ceiling, edge to edge. Inner cone is contoured to eliminate room side flash. For

optimal uniformity the recommended luminaire spacing is 0.9m (3') from the wall and 0.9m (3') centers

- Three (3) swinggate brackets allow for installation from below the ceiling. Suitable for ceiling thickness ranging from 1.59 cm (5/8") to 2.54 cm (1")
- Eurostyle terminal block included for power supply and ground connections required for CE

Listings

120V and 277V fixtures are UL Listed, NON-IC recessed mounting and damp locations. 220V and 240V fixtures are CE Certified and rated IP20.

AHI AHWI

Metal Halide Lamp

**ORDERING INFORMATION**

Specifications subject to change.

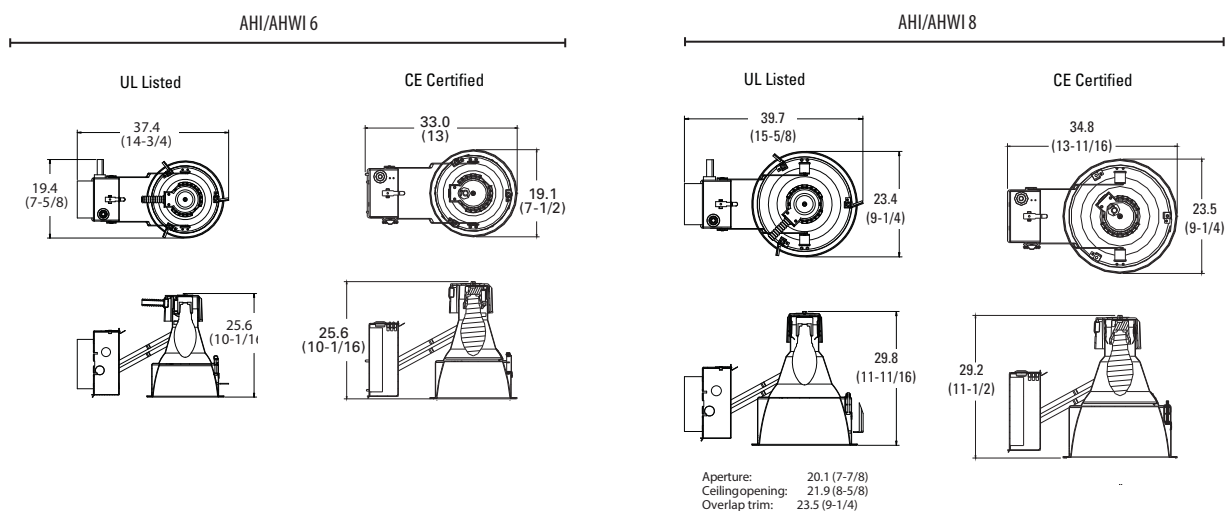
Example: AHI 150MHC 8AR T73 220

Series	Wattage/Lamp	Aperture/Trim		Finish	Voltage	Lens ^{3,4}		Options	
AHI	Color-corrected metal halide	Aperture	Trim	(blank)	Semi-specular	120	(blank)	No lens	SF Single fuse
AHWI	70MHC	6	AR Clear	LD	Matte-diffuse	220	CGL	Clear glass lens	TRW White painted flange
	100MHC	8	PR Pewter			240	T73	Tempered prismatic lens	TRBL Black painted flange
	150MHC ¹		WTR Wheat			277			WLP With 3500K lamp (shipped separately)
			BR Black ^{2,3}						GSKT Foam gasketing, ships uninstalled
			WR White ^{2,3}						

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 8" aperture only.
- 2 Not available with finishes
- 3 AHI only.
- 4 Required for use with enclosed rated lamps.

LGHI



Intended Use

International - For special purpose downlight applications that require enclosed optics in shallow plenum areas.

Features

- High reflective white-painted upper reflector
- Regressed white door (RW) or Stepped black baffle (SB) are available; door is retained by two self-aligning, torsion support springs
- Available with Tempered prismatic lens (T73), Flat Fresnel lens (FFL) or Flat opal lens (FOL)

Listings

120V and 277V fixtures are UL Listed, NON-IC recessed mounting and wet locations. 220V and 240V fixtures are CE Certified and rated IP44.

ORDERING INFORMATION

Specifications subject to change.

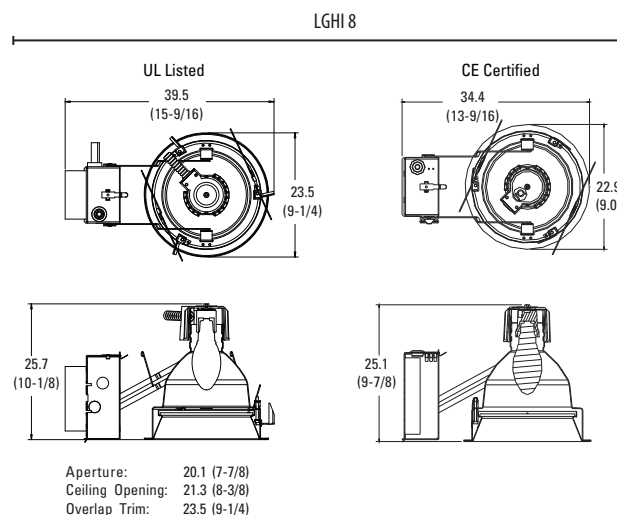
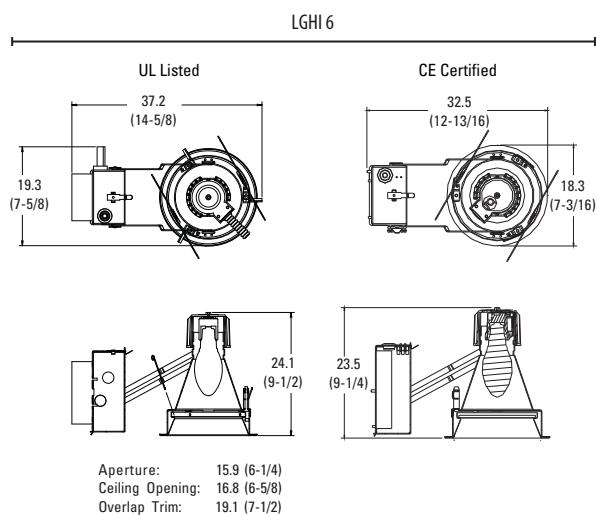
Example: LGHI 100MHC 6RW T73 220

Specifications subject to change.										
Series	Wattage/Lamp ¹	Aperture/Trim			Lens		Voltage	Options		
LGHI	<u>Color-corrected metal halide</u>	Aperture	Trim	Regressed white door	T73	Tempered prismatic lens	120	TRDA	Tamper-resistant door assembly	
	6				RW	FFL	Flat fresnel lens	220	SF	Single fuse
	70MHC	8	SB		Stepped black baffle	FOL	Flat opal lens	240	WLP	Lamp (shipped separately)
	100MHC							277	GSKT	Foam gasketing, ships uninstalled
	150MHC ²									

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Notes**
- 1 Recommended for use with color lamps.
 - 2 Available with 8" aperture only.

Intended Use

International - For general downlight applications that demand high efficiency and superior optical control.

Features

- High performance Bounding Ray® optics and premium electric components deliver optimal light control and energy efficiency
- Self-flanged, semi-specular or diffuse anodized reflector
- Die-cast aluminum socket housing designed for effective heat dissipation and positive lamp positioning
- Expandable, self-locking mounting bars provide horizontal and vertical adjustment

- Eurostyle terminal block included for power supply and ground connections

Listings

120V fixtures are UL Listed, NON-IC recessed mounting and damp locations. 240V fixtures are CE Certified and rated IP20.

AI AWI

**ORDERING INFORMATION**

Specifications subject to change.

Example: AI 6AR 120

Series	Aperture/Trim		Finish	Lens		Voltage		Options	
AI 1	Aperture	Trim	(blank)	Semi-specular	(blank)	No lens	120	UL Listed	SF Single fuse
AWII 1		AR Clear	LD	Matte-diffuse	CGL	Clear glass lens	240	CE certified	TRW White painted flange ⁴
	8	PR Pewter	LS	Specular	T73	Tempered prismatic lens			TRBL Black painted flange
		WTR Wheat							GSKT Foam gasketing
		GR Gold							
		WC White painted ^{2,3}							
		BC Black cone ^{2,3}							

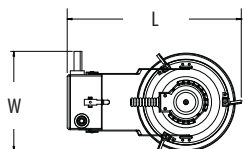
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

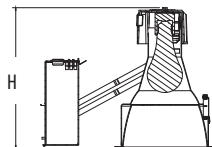
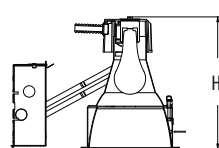
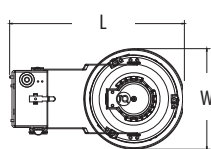
SERIES	HEIGHT (H)	LENGTH (L)	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
AI 6 UL LISTED	10-1/16 (25.6)	13-5/16 (33.8)	7-5/8 (19.4)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
AWII 6 CE LISTED	10-7/16 (26.5)	13 (33.0)	7-1/2 (19.1)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
AI 8 UL LISTED	11-11/16 (29.8)	14-3/16 (36.1)	9-1/4 (23.5)	7-7/8 (20)	8-5/8 (21.9)	9-1/4 (23.5)
AWII 8 CE LISTED	10-15/16 (27.8)	13-11/16 (34.8)	9-1/4 (23.5)	7-7/8 (20)	8-5/8 (21.9)	9-1/4 (23.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

UL Listed



CE Certified



Aperture: 15.9 (6-1/4)
Ceiling opening: 17.5 (6-7/8)
Overlap trim: 19.1 (7-1/2)

Notes

- 1 Maximum wattage: 150W.
- 2 Not available with finishes.
- 3 All only.
- 4 Standard on 6WC.

DLVI



Intended Use

International - For general downlight applications that demand high efficiency and superior optical control.

Features

- Housing components painted matte black; lamp snoot minimizes stray light in plenum
- Semi-specular, matte-diffuse or specular cone with spread lens
- Toolless, >360° horizontal adjustment
- Adjustment mechanism is lockable to maintain focus during relamping
- Accommodates up to two lenses, filters or louvers
- Clear safety lens standard

- Seamless cast faceplate is retained by two spring loaded retention arms accommodating
- 1.6mm - 38.1mm (1/16" - 1-1/2") ceiling thickness
- Re-lamp capability from above or below ceiling
- Replaceable MR16 socket assembly, GU5.3 base
- 20W-50W 12-volt electronic transformer; 220V-240V input, 50/60Hz
- 12-volt electronic transformer is replaceable without the use of tools

Listings

Fixtures are CE Certified and rated IP20.

ORDERING INFORMATION

Specifications subject to change.

Example: DLVI DWN MR16 3BC 220 DWHG

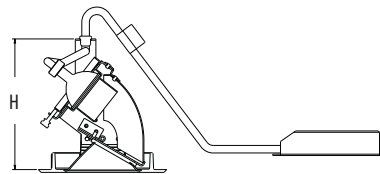
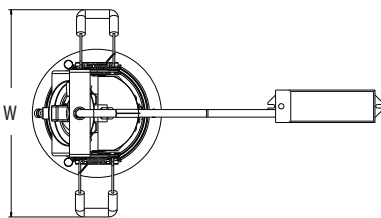
Series	Configuration	Wattage/Lamp	Aperture/Type/Trim	Type	Finish	Voltage	Options
DLVI	WSH	MR16 MR16 capability	Aperture	Type	Trim	T30 Cut for angles	(blank) Semi-specular
	DWN		1P	Pinhole	AC Clear	25°-40°	LD Matte-diffuse
	ADJ		1S	Slotted	BC Black ²	T20 Cut for angles	LS Specular
			2S	Slotted	PC Pewter	15°-25°	
			2		WTC Wheat	T00 Cut for angles	
			3		GC Gold	0°-15°	
							220 Architectural colors (powder finish) ³
							230 DWHG Matte white (standard)
							240 DDB Dark bronze
							DBL Black
							DWH Gloss white
							DMB Medium bronze
							DNA Natural aluminum
							DSS Sandstone
							DGC Charcoal gray
							DTG Tennis green
							DBR Bright red
							DSB Steel blue

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	HEIGHT (H)	CORD LENGTH	WIDTH (W)	APERTURE	CEILING OPENING	OVERLAP TRIM
DLVI 1"	4-1/2 (11.4)	12 (30.5)	8-9/10 (22.5)	1 (2.54)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 1" Slotted Adjustable	4-1/2 (11.4)	12 (30.5)	8-9/10 (22.5)	1-1/16 x 2-5/16 (5.9)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 1" Fixed Pinhole	4-1/2 (11.4)	12 (30.5)	8-9/10 (22.5)	1 (2.54)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 2" Adjustable Pinhole	4-1/2 (11.4)	12 (30.5)	8-9/10 (22.5)	2 (5)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 2" Slotted Adjustable	4-1/2 (11.4)	12 (30.5)	8-9/10 (22.5)	2-1/16 (5.2) x 2-13/16 (7.1)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 2" Fixed Pinhole	4-1/2 (11.4)	12 (30.5)	8-9/10 (22.5)	1 (2.54)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 3" Adjustable Downlight	5-1/2 (14.1)	12 (30.5)	8-9/10 (22.5)	3 (7.6)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 3" Downlight	5-1/2 (14.1)	12 (30.5)	8-9/10 (22.5)	3 (7.6)	5-1/16 (12.9)	5-1/2 (14.0)
DLVI 3" Lensed Wallwash	5-9/10 (14.8)	12 (30.5)	9-2/10 (23.3)	3 (7.6)	5-1/16 (12.9)	5-1/2 (14.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Spot lamp recommended.
- ² Not available with finishes.
- ³ Color available for faceplate. Additional architectural colors available; see pages 1118-1121.

Intended Use

International - For special purpose downlight applications that require enclosed optics in shallow plenum areas.

Features

- High Reflective white-painted upper reflector
- Regressed white door (RW) or Stepped black baffle (SB) are available; door is retained by two self-aligning, torsion support springs
- Available with Tempered prismatic lens (T73), Flat Fresnel lens (FFL) or Flat opal lens (FOL)

Listings

120V fixtures are UL Listed, NON-IC recessed mounting and wet locations. 240V fixtures are CE certified and rated IP44.

LGI



ORDERING INFORMATION

Specifications subject to change.

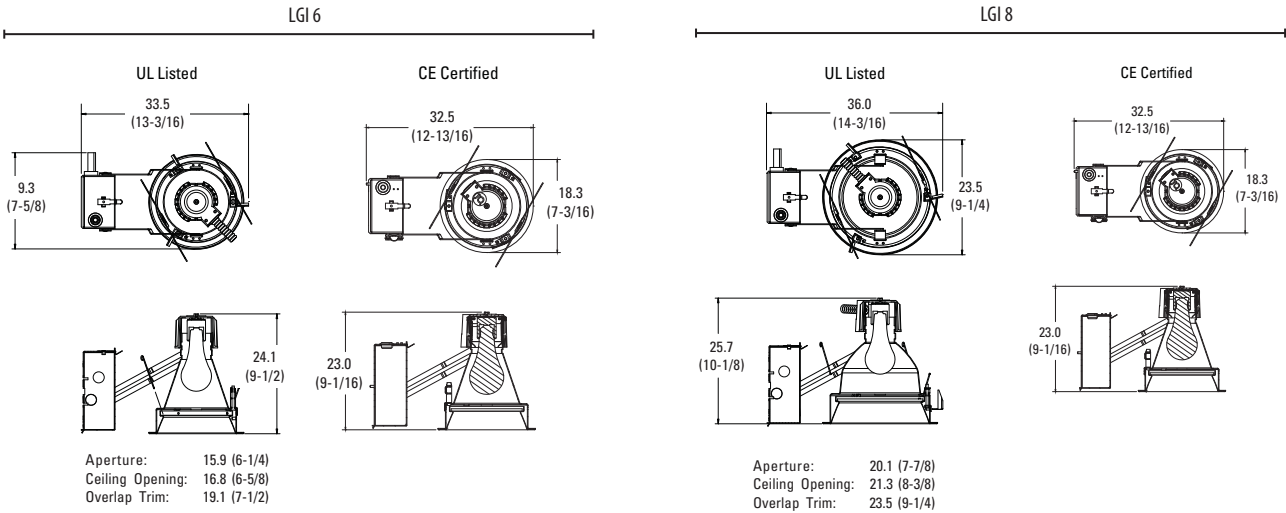
Example: LGI 6RW T73 120

Series	Aperture/Trim		Lens		Voltage		Options
LGI	Aperture	Trim	T73	Tempered prismatic lens	120	UL Listed	TRDA Tamper-resistant door assembly
	6 ¹	RW Regressed white door	FFL	Flat fresnel lens	240	CE Certified	SF Single fuse
	8 ²	SB Stepped black baffle	FOL	Flat opal lens			WLP Lamp (shipped separately)
							GSKT Foam gasketing, ships uninstalled

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Maximum wattage: 150W.
- 2 Maximum wattage: 200W.

VRAPRH

Lightshield™



Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. For general downlight applications that demand high efficiency and superior optical control.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Accommodates different lens thicknesses up to 0.500"
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling
- IP55 rating (below mounting surface) is standard. IP65 with the use of silicone

- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- Patented optical system features Beam Scrubber™ reflector design that minimizes bands, striations and other busy light patterns in the beam, typically created by the combination of PAR lamps and conventional parabolic reflectors

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards.

ORDERING INFORMATION

Specifications subject to change.

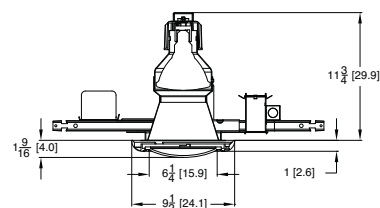
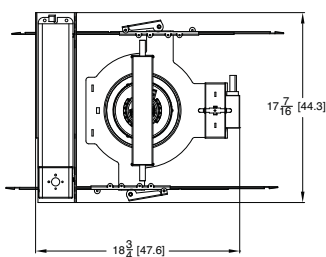
Example: VRAPRH P3870MHC 6AR CGL 120 DWHG

Series	Lamp designation	Aperture/Trim			Finish		Lens Type		Voltage	Options
VRAPRH	<u>Metal halide</u>	Aperture	Trim		(blank)	Semi-specular	CGL	1/8" clear glass lens ³	120	For options and accessories see pages 419-425.
	P3870M 70W PAR38	6	AR	Clear	LD	Matte-diffuse	T73	3/16" tempered prismatic glass lens ³	277	
	P38100M 100W PAR38	8	PR	Pewter			FOL	1/8" tempered flush opal glass lens ³	347 ⁴	
	<u>Color-corrected metal halide</u>		WTR	Wheat			CVX	3/16" clear convex glass lens ³		
	P3039MHC 39W PAR30		WR	White painted ²						
	P3070MHC 70W PAR30		BR	Black ²						
	P3870MHC 70W PAR38									
	P38100MHC 100W PAR38									
	P38150MHC 150W PAR38 ¹									

ADDITIONAL INFORMATION

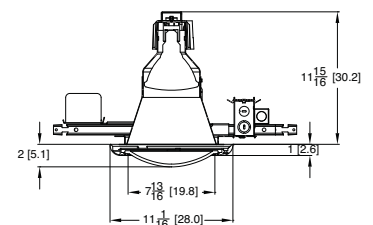
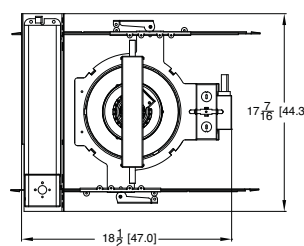
For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Aperture: 6-1/4 (15.9)
Ceiling opening: 7-1/8 (18.1)
* Maximum height for P30 lamp is 9-9/16".

VRAPRH 6



Aperture: 7-7/8 (20.0)
Ceiling opening: 8-7/8 (22.5)

VRAPRH 8

Notes

- 1 California Title 20 compliant.
- 2 Not available with finishes.
- 3 Maximum wattage: 150W.
- 4 Not available with HEB.

Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. For general downlight applications that demand high efficiency and superior optical control.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Accommodates different lens thicknesses up to 0.500"
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling
- IP55 rating (below mounting surface) is standard. IP65 with the use of silicone

- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- High-performance Bounding Ray® optics and premium components deliver optimal light control and energy efficiency

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards. IP55 rating (below the mounting surface) is standard. IP65 rating possible with the use of silicone. Refer to TECH-200 for ingress protection ratings.

VRAH

Lightshield™

**ORDERING INFORMATION**

Specifications subject to change.

Example: VRAH 150MHC 8AR T73 120 HEB DWHG

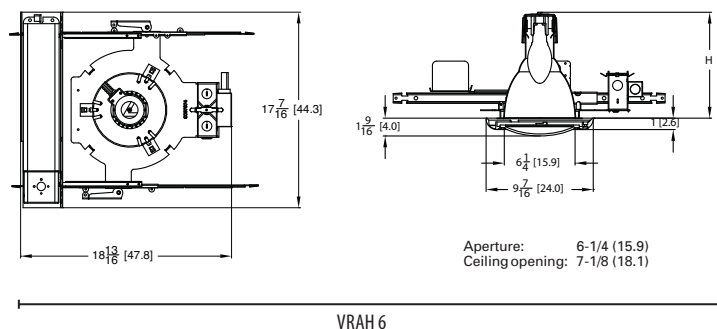
Series	Wattage/Lamp ¹	Aperture/Trim			Distribution		Finish		Lens Type		Voltage	Options
VRAH	<u>Metal halide</u>	Aperture	Trim	(blank)	Wide	(blank)	Semi-specular	CGL	1/8" clear glass lens ⁵	120	For options and accessories see pages 419-425.	
	50M											Narrow
	70M	8	AR		PR		Pewter					
	100M							WTR	Wheat			
	150M ²											
	<u>Color-corrected metal halide</u> ³	FOL	1/8" tempered flush opal glass lens ⁵									
	50MHC											
	70MHC											
	100MHC											
	150MHC ²	CVX	3/16" clear convex glass lens ⁵									
	<u>High pressure sodium</u> ⁴											
	150S											

ADDITIONAL INFORMATIONFor additional product information, visit www.gothamlighting.com.

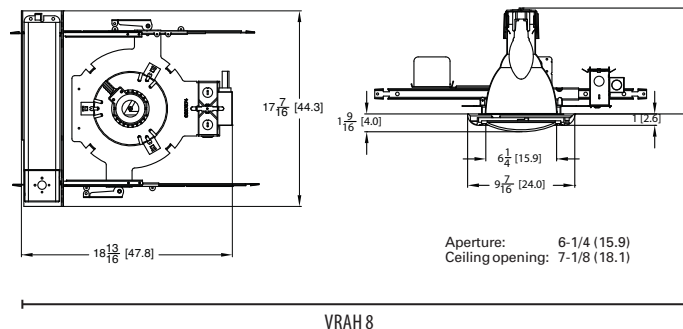
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

HEIGHT INFORMATION

DISTRIBUTION	HEIGHT
VRAH 6AR	8-1/2 (21.6)
VRAH 6ARN	9-3/8 (23.9)

**HEIGHT INFORMATION**

DISTRIBUTION	HEIGHT
VRAH 8AR	9-3/16 (23.3)
VRAH 8ARN	10-1/8 (25.6)

**Notes**

- 1 Recommended for use with coated lamps.
- 2 California Title 20 compliant.
- 3 Ceramic arc tube consistent-color lamp.
- 4 Not available with HEB.
- 5 Maximum wattage: 150W.

VRA

Lightshield™



Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. For general downlight applications that demand superior optical control, optimal color rendering and convenient dimming.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Accommodates different lens thicknesses up to 0.500"
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling
- IP55 rating (below mounting surface) is standard. IP65 with the use of silicone

- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- High-performance Bounding Ray® optics and premium components deliver optimal light control and energy efficiency

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards. IP55 rating (below the mounting surface) is standard. IP65 rating possible with the use of silicone. Refer to TECH-200 for ingress protection ratings.

ORDERING INFORMATION

Specifications subject to change.

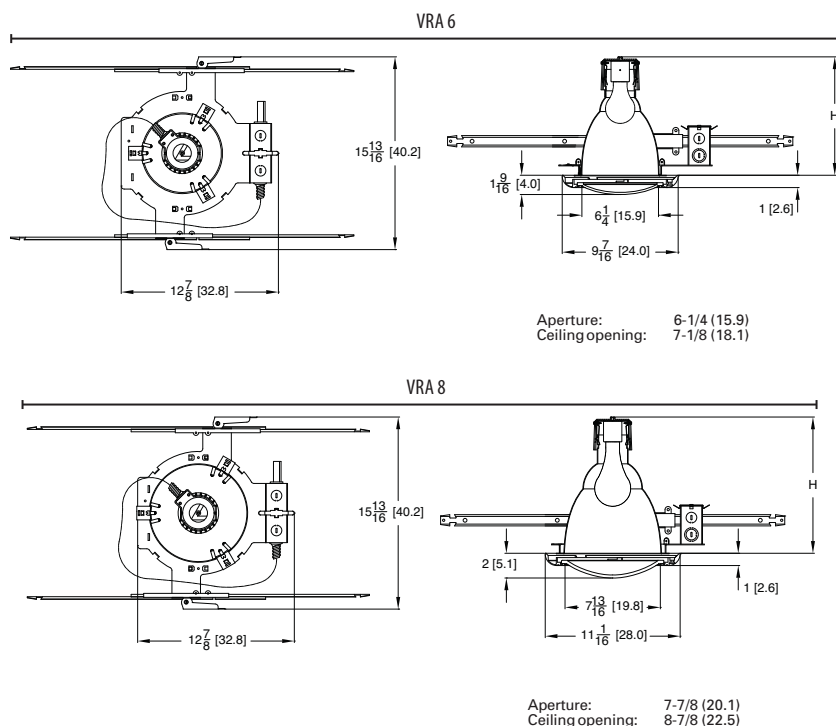
Example: VRA 6AR T73 DWHG

Series	Aperture/Trim			Finish	Lens Type		Options					
VRA	Aperture	Trim		(blank)	Semi-specular	CGL	1/8" clear glass lens ²		SDT	Stepdown transformer (277V to 120V)	<u>Architectural Colors - Powder Paint</u> ⁸	
	6	AR	Clear	LD	Matte-diffuse	T73	3/16" tempered prismatic glass lens ²		SDT347	Stepdown transformer (347V to 120V; 75W max.)	DWHG	Matte white (standard)
	8	PR	Pewter	LS	Specular	FOL	1/8" tempered flush opal glass lens ²		RRL	RELOC™-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required. ⁵	DDB	Dark bronze
		WTR	Wheat			CVX	3/16" clear convex glass lens ²				DBL	Black
		GR	Gold								DWH	Gloss white
		WR	White painted			PCL	3/16" clear polycarbonate lenses ^{3,4}		CP	Chicago plenum	DMB	Medium bronze
						PPC	1/8" prismatic polycarbonate lenses ^{3,4}		WG	Zinc-plated wire guard	DNA	Natural aluminum
									PCU	3/16" clear polycarbonate lens underlay (roomside) ⁶		
									WRL	Wattage restriction label ⁷		
											PWR	Pewter
											SCH	Satin chrome
											ORB	Oil-rubbed bronze

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with finishes.
- 2 Maximum wattage: 100W A19-IF lamp; 150W A21-IF lamp.
- 3 Maximum wattage: 75W A19-IF or A21-IF lamp.
- 4 Provided standard with clear polycarbonate underlay (2 lenses total).
- 5 For compatible RELOC systems, refer to TECH-110.
- 6 Not available with CVX, PCL or PPC lens.
- 7 Must specify wattage. Ex.: WRL60.
- 8 Additional architectural colors available; see pages 1118-1121.

VRAPR

Lightshield™



Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. For general downlight applications that require great performance when plenum depth is an issue.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Accommodates different lens thicknesses up to 0.500".
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling
- IP55 rating (below mounting surface) is standard. IP65 with the use of silicone

- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- Measures only 4-3/8" in height above the ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards. IP55 rating (below the mounting surface) is standard. IP65 rating possible with the use of silicone. Refer to TECH-200 for ingress protection ratings.

ORDERING INFORMATION

Specifications subject to change.

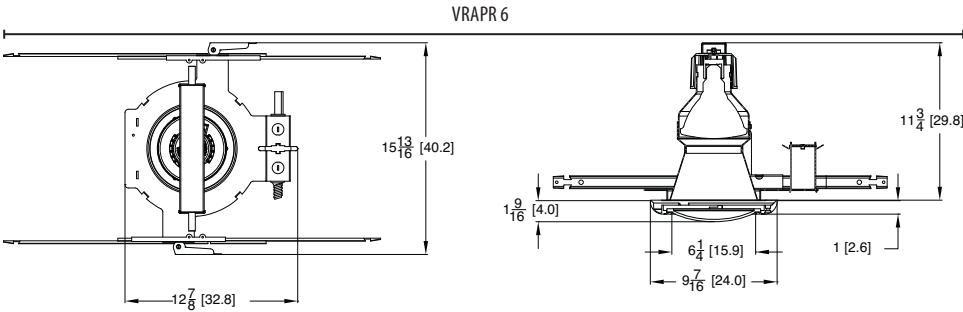
Example: VRAPR PAR30 6AR CGL DWHG

Series	Lamp designation	Aperture/Trim	Finish	Lens type	Options
VRAPR	PAR30 PAR30 (75W max.) ¹	Aperture	(blank)	CGL 1/8" clear glass lens ³	For options and accessories see pages 419-425.
	PAR38 PAR38 (150W max.) ¹	Trim	Semi-specular	T73 3/16" tempered prismatic glass lens ³	
		6 AR Clear	LD Matte-diffuse	FOL 1/8" tempered flush opal glass lens ³	
		8 PR Pewter	LS Specular	CVX 3/16" clear convex glass lens ³	
		WTR Wheat			
		GR Gold			
		WR White painted ²			
		BR Black ²			

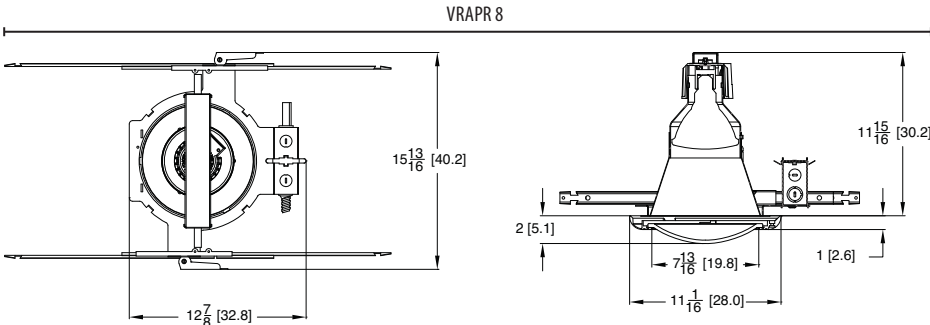
ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Aperture: 6-1/4(15.9)
Ceiling Opening: 7-1/8 (18.1)
* Maximum height for PAR30 lamp is 9-9/16".



Aperture: 7-7/8 (20.1)
Ceiling Opening: 8-7/8 (22.5)

Notes

- 1 Not suitable for pole relamping.
- 2 Not available with finishes.
- 3 Maximum wattage: 150W.

PRODUCT INFORMATION

VRAFV

Lightshield™



Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. For general downlight applications that demand high efficiency and superior optical control.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Accommodates different lens thicknesses up to 0.500"
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling
- IP55 rating (below mounting surface) is standard. IP65 with the use of silicone

- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- Patented Vertisys® optical design and premium components deliver optimal light control and energy efficiency

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards. IP55 rating (below the mounting surface) is standard. IP65 rating possible with the use of silicone. Refer to TECH-200 for ingress protection ratings.

ORDERING INFORMATION

Specifications subject to change.

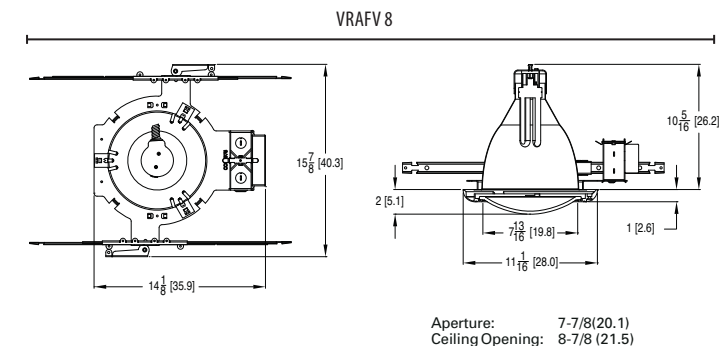
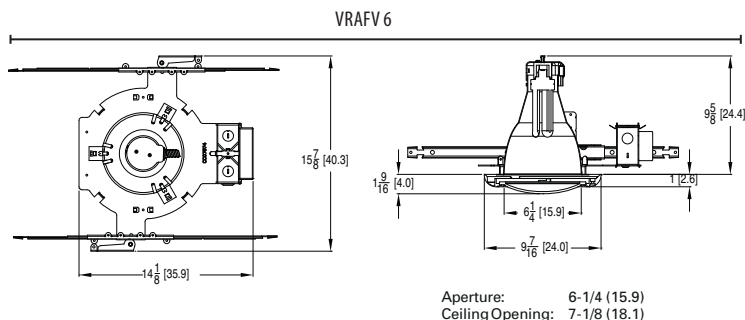
Example: VRAFV 32TRT 8AR FOL MVOLT WLP DWHG

Series	Lamp type	Aperture/Door		Finish	Lens		Voltage	Ballast ⁴	
VRAFV	13DTT	Aperture	Door	(blank)	Semi-specular	CGL	1/8" clear glass lens	MVOLT ³	(blank)
	18DTT	6	AR	LD	Matte-diffuse	T73	3/16" tempered prismatic glass lens	120	ECOS
	26DTT	8	PR			FOL	1/8" tempered flush opal glass lens	277	Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5% ^{3,5}
	13TRT		WTR					347	ADEZ
	18TRT		WR			CVX	3/16" clear convex glass lens		Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ^{5,6}
	26TRT					PCL	3/16" clear polycarbonate lenses ²		S5
	32TRT					PPC	1/8" prismatic polycarbonate lenses ²		SIMPLY5™ system ballast ⁷
	42TRT								

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with finishes.
- 2 Provided standard with clear polycarbonate underlay (2 lenses total).
- 3 Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
- 4 For additional ballast types, refer to TECH-250.
- 5 Not available with 13W.
- 6 Available in 120V or 277V only.
- 7 SIMPLY5™ includes 9' S5 MLC RELOC wiring system. (shipped separately).

Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. For general downlight applications that require great performance when plenum depth is an issue.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Accommodates different lens thicknesses up to 0.500".
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling
- IP55 rating (below mounting surface) is standard. IP65 with the use of silicone

- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- Measures only 4-3/8" in height above the ceiling

Listings

Fixtures are UL Listed for thru-branch wiring, NON-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards. IP55 rating (below the mounting surface) is standard. IP65 rating possible with the use of silicone. Refer to TECH-200 for ingress protection ratings.

VRAFLP

Lightshield™

**ORDERING INFORMATION**

Specifications subject to change.

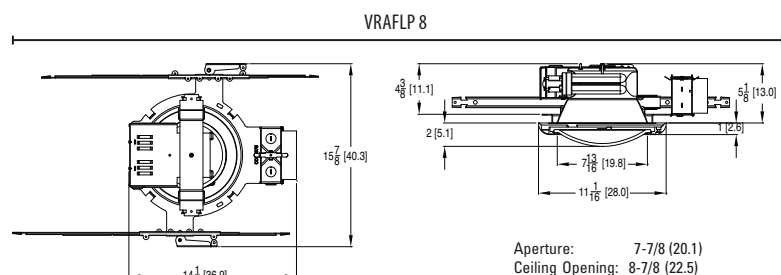
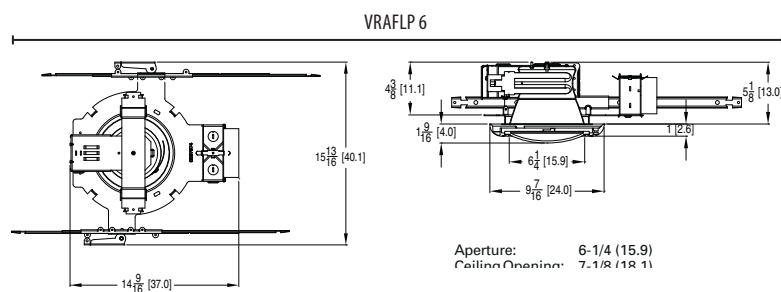
Example: VRAFLP 1/26TRT 8AR CGL MVOLT DWHG

Series	Number of lamps/ Lamp type	Aperture/Trim	Finish	Lens type	Voltage	Ballast ⁴	Options
VRAFLP	1/ 2/	13DTT 18DTT 26DTT 13TRT 18TRT 26TRT 32TRT 42TRT	Aperture Trim 6 AR Clear 8 PR Pewter WTR Wheat WR White painted ¹	(blank) Semi-specular LD Matte-diffuse	MVOLT ³ 120 220 277	(blank) Electronic ballast ECOS Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5% ^{3,5} ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ^{5,6} SS SIMPLY5™ system ballast ⁷	For options and accessories see pages 419-425.
				CGL 1/8" clear glass lens T73 3/16" tempered prismatic glass lens FOL 1/8" tempered flush opal glass lens CVX 3/16" clear convex glass lens PCL 3/16" clear polycarbonate lenses ² PPC 1/8" prismatic polycarbonate lenses ²			

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Not available with finishes.
- 2 Provided standard with clear polycarbonate underlay (2 lenses total).
- 3 Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
- 4 For additional ballast types, refer to TECH-250.
- 5 Not available with 13W.
- 6 Available in 120V or 277V only.
- 7 SIMPLY5™ includes 9' SS MLC RELOC wiring system (shipped separately).

VRAF

Lightshield™



Intended Use

Lightshield™ vandal-resistant bezel protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance. For general downlight applications that demand high efficiency and superior optical control.

Features

- One-piece bezel, marine-grade die-cast aluminum, low-copper alloy mounts to Gotham mounting frames with stainless steel tamper-resistant screws
- Accommodates different lens thicknesses up to 0.500"
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling
- IP55 rating (below mounting surface) is standard. IP65 with the use of silicone
- Decorative bezel is available with textured polyester powder coat in all architectural colors

- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze
- High-performance Bounding Ray® optics and premium components deliver optimal light control and energy efficiency

Listings

Fixtures are UL Listed for thru-branch wiring, non-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian standards.

IP55 rating (below the mounting surface) is standard. IP65 rating possible with the use of silicone. Refer to TECH-200 for ingress protection ratings.

ORDERING INFORMATION

Specifications subject to change.

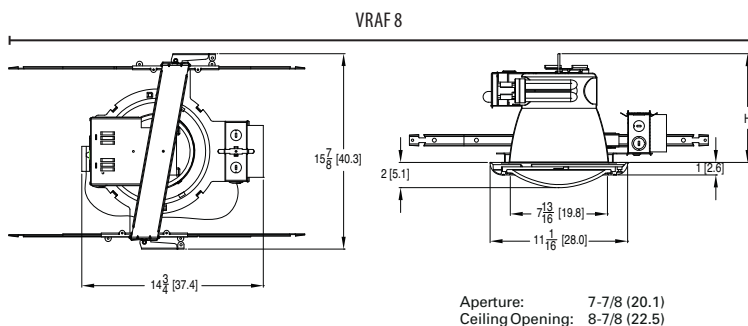
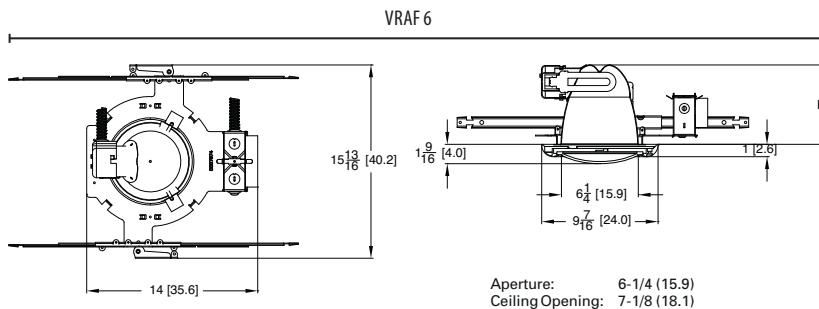
Example: VRAF 2/32TRT 8AR CGL MVOLT DWHG

Series	Number of lamps/ Lamp type	Aperture/Door	Finish	Lens	Voltage	Ballast ⁴
VRAF	1/ 13DTT	Aperture Door 6 AR Clear 8 PR Pewter WTR Wheat WR White painted ¹	(blank) Semi-specular	CGL 1/8" clear glass lens	MVOLT ³	(blank) Electronic ballast
	2/ 18DTT		LD Matte-diffuse	T73 3/16" tempered prismatic glass lens	120	ECOS Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5% ^{3,5}
	26DTT			FOL 1/8" tempered flush opal glass lens	277	
	13TRT			CVX 3/16" clear convex glass lens	347	ADEZ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5% ^{5,6}
	18TRT			PCL 3/16" clear polycarbonate lenses ²		SS SIMPLY5™ system ballast ⁷
	26TRT			PPC 1/8" prismatic polycarbonate lenses ²		
	32TRT					
	42TRT					

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with finishes.
- 2 Provided standard with clear polycarbonate underlay (2 lenses total).
- 3 Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
- 4 For additional ballast types, refer to TECH-250.
- 5 Not available with 13W or 57W.
- 6 Available in 120V or 277V only.
- 7 SIMPLY5™ includes 9' 55 MLC RELOC wiring system (shipped separately). Available in 120V or 277V only. Not available in 13W, 18W or 57W. See www.simply5.net for more information.

Intended Use

Decorative accessory that protects Gotham recessed luminaires from common vandalism without compromising aesthetics or optical performance.

Features

- One piece bezel, marine grade die-cast aluminum, low copper alloy mounts to Gotham mounting frames with stainless steel tamper resistant screws
- Accommodates different lens combinations up to .500 inches thick
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring that seals bezel to ceiling

- IP55 rating (below mounting surface) is available
- Four (4) mounting brackets and gasketed ceiling plate provide a secure and simple means to attach the vandal resistant trim accessory to any Gotham modular mounting frame
- Decorative bezel is available with textured polyester powder coat in all architectural colors
- Also available in three (3) plated finishes: satin chrome, pewter, and oil-rubbed bronze

Listings

1-year limited warranty. Complete warranty terms located at www.acuitybrands.com.

GVRT

Lightshield™

**ORDERING INFORMATION**

Specifications subject to change.

Example: GVRT 6 T73 WG DWHG

Series	Aperture	Lens Type	Options
GVRT ¹	6	CGL 1/8" clear glass lens	WG Zinc-plated wire guard
	8	T73 3/16" tempered prismatic glass lens	PCU 3/16" clear polycarbonate lens underlay (roomside) ³
		FOL 1/8" tempered flush opal glass lens	Architectural colors-Powder Paint ⁴
		CVX 3/16" clear convex glass lens	DWHG Matte white (standard)
		PCL 3/16" clear polycarbonate lenses ²	DDB Dark bronze
		PPC 1/8" prismatic polycarbonate lenses ²	DBL Black
			DWH Gloss white
			DMB Medium bronze
			DNA Natural aluminum
			DSS Sandstone
			DGC Charcoal gray
			DTG Tennis green
			DBR Bright red
			DSB Steel blue

Architectural Colors - Plating

PWR	Pewter
SCH	Satin chrome
ORB	Oil-rubbed bronze

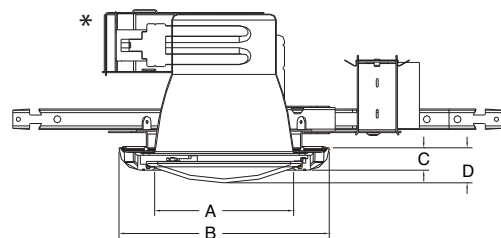
For Accessories see pages 419-425.

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

SERIES	"A"	"B"	"C"	"D"
GVRT 6	6-1/4 (15.88)	9-1/2 (24.13)	1 (2.54)	1-9/16 (3.97)
GVRT 8	7-3/4 (19.69)	11 (27.94)	1 (2.54)	2 (5.1)

"D" - convex lens only.



*Housing and trim ordered separately

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Not available with lensed, wallwash or baffle trims.
- 2 Provided standard with clear polycarbonate underlay (2 lenses total).
- 3 Not available with CVX, PCL or PPC lens.
- 4 Additional architectural colors available; see pages 1118-1121.

SCA

Sloped Ceiling Adapter



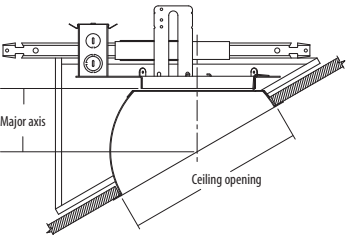
- Intended Use**
Provides an effective and attractive interface between sloped ceilings and Gotham® recessed luminaires.
- Features**
- Each adapter is scaled specifically to the aperture diameter of the luminaire
 - The adapter may be specified for 10 – 30 degree slopes, in 5 degree increments

- The self-flanged, heavy gauge aluminum adapter is coated with a white, textured polyester powder finish for durability
- Mechanical design provides simplified installation with integral tabs
- Integral tabs support the adapter to the recessed downlight housing prior to installation of the trim
- Gotham recessed housing and trim assembly ordered separately

ORDERING INFORMATION		Specifications subject to change.	Example: SCA6 15D
Series/Aperture		Degree of slope	
Series	Aperture		
SCA	4	10D	
	5	15D	
	6	20D	
	8	25D	
	10	30D	
	12		

ADDITIONAL INFORMATION		For additional product information, visit www.gothamlighting.com .		
SLOPED CEILING ADAPTER	FIXTURE SERIES	CEILING OPENING (DIA.)	MAJOR AXIS	
SCA4	AFV4, AH4, APRH4, A4, APR4	11 (27.9)	3-7/8 (9.8)	
SCA5	AFV5	11 (27.9)	3-7/8 (9.8)	
SCA6	AF6, AFV6, AH6, AHZ6, APRH6, APR6, A6, AZ6, APRLV6, LGF6, LGFV6, LGH6, LGHZ6, LG6, LGZ6, ICO, EVO	11 (27.9)	3-7/8 (9.8)	
SCA8	AF8, AFV8, AFZ8, AH8, AHZ8, APRH8, A8, AZ8, LGF8, LGFV8, LGH8, LGHZ8, LG8, LGZ8	12-5/8 (32.1)	4-1/4 (10.8)	
SCA10	AF10, AH10, LGF10, LGFV10, LGH10, LGHZ10, LG10, LGZ10	17-3/4 (45.1)	5-3/4 (14.6)	
SCA12	A12, AH12	17-3/4 (45.1)	5-3/4 (14.6)	

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



* Structure supporting recessed housing supplied by others.

LENSES & LOUVERS

ORDERING INFORMATION

Specifications subject to change.

Example: F200 RR

Type/Size		Filter colors		Beam-shaping lenses	
Type	Size ²	<u>Dichroic borosilicate lens (safety glass)</u>		<u>Borosilicate lenses (safety glass)</u>	
L Louver	100	RED	Red	RR	Ruby red
F Filter ¹	200	GAMB	Golden amber	MB	Medium blue
	300	YEL	Yellow	MG	Medium green
	400	GRN	Green	MA	Medium amber
	500	CBLUE	Cool blue	DB	Dark blue
	600	MBLUE	Medium blue	MP	Medium pink
	700	CPCH	Cool peach		
	800	MGN	Magenta filter		
		CYAN	Cyan		
		CL	Clear safety lens		
		UV	+99% UV blocking below 400 nm		
				<u>Soda lime lenses (safety glass required) ³</u>	
				<u>Borosilicate lenses (safety glass)</u>	
				PMF	Perimeter frost lens
				LTF	Light frost lens
				SFG	Softening lens
				<u>Soda lime lenses (safety glass required) ³</u>	
				SL	Spread lens
				EG	Elongating lens
				<u>Louvers (safety glass required) ³</u>	
				L	Louver ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.gothamlighting.com.

LAMP TYPE	LENS/LOUVER SIZE							
	100	200	300	400	500	600	700	800
ALR12	■							
ALR18		■						
ALR111					■		■	
AR70		■						
MR11	■							
MR16/MR16 MH		■						
PAR16			■		■		■	
PAR20			■	■	■		■	
PAR30					■		■	
PAR36					■			
PAR38					■		■	
PAR38/3					■	■	■	
PAR46							■	■
PAR56							■	■
T4/T6							■	

Size dependent upon fixture type and retaining method. See specification sheets.

Notes

- 1 Not available with lens types and only available in sizes 100, 200 & 300.
- 2 See chart for lamp compatibility.
- 3 Safety glass required in combination when used with MR11, MR16 or AR111 lamp types.
- 4 Not recommended for use with aluminized reflector MR16 lamps.

NOMENCLATURE	DESCRIPTION
SCA	Sloped ceiling adapter, aluminum with matte white finish for use in sloped ceiling application. Must specify product aperture and degree of slope. Example: SCA6 10D.
CTA	Ceiling thickness adapter, galvanized steel for use in ceilings up to 2" thick.
BH24	Bar hangers, 24" galvanized steel bar hangers for T-bar mounting (set of two).
LSMC	T-bar mounting clips designed to lock bar hangers to T-bar (set of four). Not for use with BH24.
LFH	Locking filter holder accommodates up to two lenses/louvers.
LTWFH	Filter holder accommodates up to two lenses/louvers.
GFC	Filter clips accommodate up to two lenses/louvers.

■ = Option available; see specification sheet for details.

	FLUORESCENT								HID					INCANDESCENT					LOW VOLTAGE	
	PDXF/PDTF	PDGF	AF/AFW	AEZ/AFZW	AFV/AFVW	LGF	LGfV	LAF	AH/AHW/AHZ	APRH	DPH	LGH/LGHZ	LAH	A/AW/AZ/AZW	APR	DP	LG/LGZ	LA	APRLV	DIV 6 & 8
SCA4					■					■	■				■	■				
SCA5					■															
SCA6	■		■		■	■	■		■	■		■		■	■		■		■	
SCA8	■	■	■	■	■	■	■		■	■		■		■	■		■			
SCA10		■	■			■	■		■			■					■			
SCA12									■					■						
CTA6					■				■					■						
CTA860					■				■					■						
CTA10									■											
CTA12									■					■						
BH24							■						■					■		
LSMC							■						■					■		
LFH300											■					■				
LFH501																■				
LFH502											■					■				
LFH503																■				■
LFH701																■				
LFH702											■					■				
LFH703																■				■
LTWFH400											■					■				
LTWFH500											■					■				
LTWFH700											■					■				
GFC700																■				■
GFC800																■				■

TYPE	NOMENCLATURE	DESCRIPTION
BALLAST/ TRANSFORMER	EMB	Electromagnetic ballast. HID only.
	CW20	Cold-weather fluorescent ballast; -20°F starting.
	SCWA	Pulse-start metal-halide super-constant wattage autotransformer ballast. Consult specification sheet for wattage and voltage availability.
	HEB	Electronic HID ballast. 120V or 277V, 50 or 60Hz. THD < 15%, PF > 0.90.
	AD	Advance electromagnetic HID ballast.
	ADALI	Advance ROVR™ electronic controllable ballast utilizing digital addressable lighting interface (DALI) protocol. (120V or 277V only.)
	ADCF	Advance electronic fluorescent ballast. (120V or 277V only.)
	ADEZ	Advance Mark 10™ electronic line voltage control dimming ballast. (120V or 277V; not available with 13DTT or 13TRT.) Minimum dimming level 5%.
	ADZT	Advance Mark 7™ electronic 0-10V DC dimming ballast. (120V-277V only.) Minimum dimming level 3%.
	ECOS	Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5% for CFL.
	ECOS2	Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%.
	ECOS3	Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%.
	DMXR	DMX with RDM (remote device management). Minimum dimming level <1%. Includes termination plug.
	DALIR	DALI dimming driver. Minimum dimming level <1%.
	DMHL3	Lutron Hi-Lume® electronic 3-wire line voltage control dimming ballast. (120V or 277V; 26TRT or 32TRT only.) Minimum dimming level 1%.
	MOTCF	Osram Sylvania electronic fluorescent ballast.
	UN	Universal Lighting Technologies electromagnetic HID ballast.
	TUBCF	Universal Lighting Technologies electronic fluorescent ballast.
	SDT	Stepdown transformer (277V to 120V; 300W max.).
	SDT347	Stepdown transformer (347V to 120V; 75W max.).
FUSING	BDP	Ballast disconnect plug. Fluorescent only.
	2W5	Lutron Tu-Wire® electronic dimming ballast.
	QDS	Quick disconnect for easy ballast replacement. Fluorescent only.
	DS	Dual switching.
	GMF	Single, slow-blow fuse. Fluorescent only.
TRIM	GLR	Single, fast-blow fuse. Fluorescent only.
	SF	Single fuse (120V, 277V or 347V only). HID and incandescent only.
	DF	Double fuse (208V or 240V only). HID only.
	TRW	White painted flange. (Standard with MB, WB, WC, or WR trim colors.)
	TRBL	Black painted flange.
LAMP	TRDA	Tamper-resistant door assembly. Includes two tamper-resistant screws.
	GSKT	Foam gasketing. Aids in reduction of light leaks and insect penetration; shipped uninstalled.
	CWW	Corner wallwash.
	DWW	Double wallwash.
	WLP	Lamp (shipped separately).
MOUNTING	LPSP	Spot lamp (shipped separately).
	LPFL	Flood lamp (shipped separately).
	LPWFL	Wide flood lamp (shipped separately).
	L/LP	Less lamp.
	WRL	Wattage restriction label. Maximum wattage must be specified (Ex.: WRL50).
EMERGENCY	CYS	3/8" stem and canopy with 5° "hang straight" swivel. Consult factory for exterior applications. Length of stem must be specified (from 6" to 48" in 2" increments). Stems greater than 48", max. 240", provided with couplers.
	CRS	3/8" stem and canopy with 45° swivel. Consult factory for exterior applications. Length of stem must be specified (from 6" to 48" in 2" increments). Stems greater than 48", max. 240", provided with couplers.
	GRS	Recessed mounting frame option for PDPA, PDPF and PDPH.
	FPMB	Pipe mounting bracket. Mounts to 2" or 2-1/2" pipe. (Horizontal or vertical)
	EL	Emergency battery pack with integral test switch. Operates one lamp in emergency mode with battery back-up in case of power disruption.
EMERGENCY	ELR	Emergency battery pack with remote test switch. Operates one lamp in emergency mode with battery back-up in case of power disruption.
	EL2LP	Emergency battery pack with integral test switch. Operates two lamps in emergency mode with battery back-up in case of power disruption. 32W max.
	ELR2LP	Emergency battery pack with remote test switch. Operates two lamps in emergency mode with battery back-up in case of power disruption. 32W max.
	ELHL	High lumen output emergency battery pack with integral test switch. Operates one lamp in emergency mode with battery back-up in case of power disruption.
	ELRHL	High lumen output emergency battery pack with remote test switch. Operates one lamp in emergency mode with battery back-up in case of power disruption.
	ELHL2LP	High lumen output emergency battery pack with integral test switch. Operates two lamps in emergency mode with battery back-up in case of power disruption. 32W max.
	ELRHL2LP	High lumen output emergency battery pack with remote test switch. Operates two lamps in emergency mode with battery back-up in case of power disruption. 32W max.
	ELSD	Emergency battery pack with integral test switch and self-diagnostics module. Operates one lamp in emergency mode with battery back-up in case of power disruption. Self-diagnostic module evaluates AC to DC transfer, charging and battery condition for five minutes every 30 days and 30 minutes every six months.
	ELRSD	Emergency battery pack with remote test switch and self-diagnostics module. Operates one lamp in emergency mode with battery back-up in case of power disruption. Self-diagnostic module evaluates AC to DC transfer, charging and battery condition for five minutes every 30 days and 30 minutes every six months.
	ELRB94	Bodine B94 emergency battery pack with remote test switch. Operates one lamp in emergency mode with battery back-up in case of power disruption.
	BGTD	Bodine GTD™ generator transfer device. Factory installed on fixture, senses loss of normal power and switches to auxiliary generator to power fixture for egress lighting.
	QRS	Quartz restrike system. Automatically energizes 120V double-contact, bayonet-base lamp (by others) during a momentary power interruption significant enough to cause HID lamp to drop out. Lamp stays on until HID lamp restrikes.
	QRSTD	Quartz restrike system with time delay. Operates like QRS, except auxiliary lamp remains on for two minutes after HID lamp restrikes.
	EC	Emergency circuit. Factory-installed double-contact, bayonet-base socket with leads. For use with separate, external emergency power system.
	RIF	Radio inference filter. Inductive capacitor circuit designed to minimize interference from feedback into line. 120V through 347V, 50 or 60Hz.
	CP	Chicago plenum.

		HID																		INCANDESCENT/LOW VOLTAGE																	
TYPE	NOM.																																				
		PDRGH	PDPH 4 & 8	PDPH 14	AH/AHW/AHZ	APRH	ATH	DTH	SQTH	SQDTH	DLWTH	SQDLWTH	DPH	SQPH	SQDPH	DLWH	LGH/LGHZ	LAH	SQHZ/SQHZW	CC/CEC/CH/CHL/CTH	PDRGA	PDPA	A/AW/AZ/AZW	APR	GO/GQT	GQP	HEQ	DP	SQP	SQDP	DLW	SQDLW	LG/LGZ	LA	SOAZ/SQAZW	CA/CAL/CWU/CQ	DLV 1-4
BALLAST/ DRIVER	HEB			■	■	■							■				■	■	■																		
	EMB	■	■				■	■			■								■																		
	SCWA				■													■	■																		
	AD	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																	
	UN	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																	
	SDT																				■	■	■	■	■		■	■	■	■	■	■	■	■			
	SDT347																				■	■	■	■				■	■	■	■	■	■	■			
FUSING	SF	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■			■	■	■	■	■	■		■	■	
	DF			■														■			■	■	■	■				■	■	■	■	■	■			■	■
TRIM	TRW				■	■	■	■	■	■	■	■	■	■	■	■			■				■	■	■			■	■	■	■	■		■		■	■
	TRBL				■	■	■	■			■		■			■							■	■	■	■		■			■				■	■	
	TRDA					■	■	■	■								■	■														■	■				
	GSKT				■	■	■	■	■	■	■	■	■	■	■	■	■	■					■	■			■				■	■			■	■	
	CWW				■																		■														
	DWW				■																		■														
LAMP	WLP	■	■	■	■											■	■	■	■	■					■	■									■		
	LPSP		■			■						■	■	■	■																						
	LPFL		■			■						■	■	■	■																						
	LPWFL		■			■						■	■	■																							
	L/LP						■	■	■	■	■	■																									
MOUNTING	CYS			■																■					■									■			
	CRS			■															■					■										■			
	GRS		■																		■																
	FPMB																								■												
EMERGENCY	QRS			■	■	■	■	■	■	■		■	■	■	■	■	■	■		■																	
	QRSTD				■	■	■	■	■	■		■	■	■	■	■	■	■		■																	
	EC			■	■	■	■	■	■	■		■	■	■	■	■	■	■		■																	
MISCELLANEOUS	WRL																				■	■	■				■				■			■	■		
	CP	■			■	■	■	■	■	■	■	■	■	■	■	■	■	■		■		■	■	■		■	■	■	■	■	■	■	■	■	■		

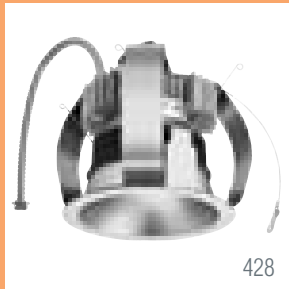
LED				FLUORESCENT																				
TYPE	NOM.	EVO	INCITO	ECSR/ECSRW	PDXF/PDTF	PDGF	PDLFV	PDRGF	PDPF 4 & 8	PDPF 10 & 14	AF/AFW	AFZ/AFZW	AFV/AFVW	DLWF	LGF	LGFV	LAF	SQF/SQFW	CF	CFZ	CFV	CFL	CFVL	AOL
BALLAST/ TRANSFORMER	CW20				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	ADALI				■	■	■	■	■	■	■	■	■	■	■				■			■	■	■
	ADCF				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	ADEZ				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■		
	ADZT				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■		
	2W5				■	■	■	■		■	■	■	■	■	■	■	■	■	■					
	ECOS				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■		
	ECOS2	■																						
	ECOS3	■																						
	DMXR		■																					
	DALIR		■																					
	DMHL3				■	■	■	■	■	■	■		■	■	■	■	■	■	■			■		
	MOTCF				■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■
	TUBCF				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	BDP				■	■	■	■			■	■	■	■	■	■	■	■	■	■	■	■	■	■
	QDS				■	■		■			■	■	■	■	■	■	■	■	■					
	DS				■	■				■	■	■		■	■		■			■	■		■	
FUSING	GMF			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	GLR			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	SF	■	■	■																				■
TRIM	TRW	■	■	■	■						■	■	■	■					■					■
	TRBL	■	■	■	■						■	■	■	■										■
	TRDA														■	■	■					■	■	
	GSKT			■	■	■	■				■	■	■	■	■	■	■							■
	CWW										■		■											
	DWW										■		■											
LAMP	WLP				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
MOUNTING	CYS									■									■	■	■	■	■	
	CRS									■									■	■	■	■	■	
	GRS									■														
EMERGENCY	EL	■	■	■					■	■	■		■						■					
	ELR	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■					
	EL2LP									■	■													
	ELR2LP				■	■					■	■		■	■		■							
	ELHL										■		■											
	ELRHL			■	■	■	■	■			■	■	■	■	■	■	■	■	■					
	ELHL2LP										■													
	ELRHL2LP				■	■					■	■		■	■		■							
	ELSD										■		■											
	ELRSD			■	■	■	■	■			■	■	■	■	■	■	■	■	■					
	ELRB94				■	■	■	■			■	■	■	■	■	■	■	■	■					
	BGTD				■	■	■	■			■	■	■	■	■	■	■	■	■					
MISCELLANEOUS	RIF				■	■		■			■	■	■	■	■	■	■	■	■					
	WRL				■	■	■		■	■			■	■	■	■	■							
	CP			■	■	■		■			■		■	■	■	■	■	■	■					



LITHONIA LIGHTING® COMMERCIAL DOWNLIGHTING

The Lithonia Lighting commercial downlighting family of products offers a wide selection of LED, compact fluorescent, HID, incandescent and low-voltage fixtures for a variety of applications. With aperture sizes ranging from 3" to 8" inches, our frame-ins meet industry requirements for rugged construction and easy installation. Additionally, our reflectors are designed to deliver solid photometric performance at competitive prices.

Our broad portfolio of products, along with our in-house design, engineering and testing capabilities, enables Lithonia Lighting to provide both standard and custom products to satisfy the most challenging applications.



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RV6

6" Open LED



Intended Use

LED downlight for retrofit of installed 6" nominal commercial "pan-style" housings with incandescent, compact fluorescent (CFL), or high intensity discharge (HID) sources. Compatible aperture range is 5-3/4" to 6-7/8". All installation can be performed from the room side without removing the existing fixture. Multiple lumen packages to replace the installed base of CFL or HID sources with energy savings up to 50%.

Features

- Innovative housing design that simultaneously retains and centers the fixture in the existing mounting pan
- LED light source with diffuse lensed recessed in a reflector with a 55 degree shielding angle

- Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control
- Anodized finishes for open reflectors are semi-specular clear diffuse, pewter, or wheat. White polyester powder coat also available (CRI is >83)
- Proprietary electrical design allows for excellent line voltage dimming down to 10% light output
- The zero in rush design enables customers to add dimming at a low cost without pulling additional wires

Listings

CSA Certified to U.S. and Canadian safety standards. Wet location listed. ENERGY STAR® qualified.



ORDERING INFORMATION

Specifications subject to change.

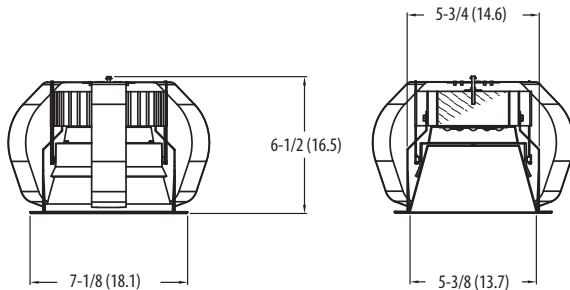
Example: RV6 27/06 R06AR LS 120

Series	Color temperature		Nominal light output		Reflector	Trim color		Finish		Voltage	Options	
RV6	27/	2700K	06	600 lumens ¹	R06	AR	Clear	(blank)	Semi-specular	120	TRW	White painted flange
	30/	3000K	10	1000 lumens ¹		PR	Pewter	LD	Matte-diffuse	277	TRBL	Black painted flange
	35/	3500K	15	1500 lumens ¹		WTR	Wheat	LS	Specular			
	40/	4000K				WR	White ²					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Aperture:	5-5/16 (13.5)
Overlap trim:	7-1/8 (18.1)
Height:	6-1/2 (16.5)
Length:	7 (17.8)
Max. ceiling opening:	6-7/8 (17.5)
Min. ceiling opening:	5-3/4 (14.6)
Max. ceiling thickness:	2 (5.1)

ACCESSORIES

Order as separate catalog number.

EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
RK2 SDT 347/120 JZ	347V step-down transformer mounted in box installed by others

Notes

- 1 Approximate lumen output.
- 2 Not available with finishes.

Intended Use

LED downlight for retrofit of installed 8" nominal commercial "pan-style" housings with incandescent, compact fluorescent (CFL), or high intensity discharge (HID) sources. Compatible aperture range is 7-3/4" to 8-7/8". All installation can be performed from the room side without removing the existing fixture. Multiple lumen packages to replace the installed base of CFL or HID sources with energy savings up to 50%.

Features

- Innovative housing design that simultaneously retains and centers the fixture in the existing mounting pan
- LED light source with diffuse lensed recessed in a reflector with a 55 degree shielding angle

- Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control
- Anodized finishes for open reflectors are semi-specular clear diffuse, pewter, or wheat. White polyester powder coat also available (CRI is >83)
- Proprietary electrical design allows for excellent line voltage dimming down to 10% light output
- The zero in rush design enables customers to add dimming at a low cost without pulling additional wires

Listings

CSA Certified to U.S. and Canadian safety standards. Wet location listed. ENERGY STAR® qualified.

RV8

8" Open LED

**ORDERING INFORMATION**

Specifications subject to change.

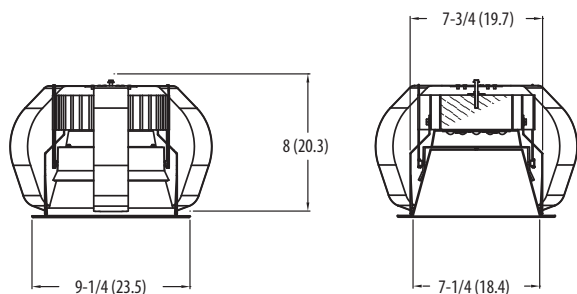
Example: RV8 35/30 R08AR LS 120

Series	Color temperature		Nominal light output		Reflector	Trim color		Finish		Voltage	Options	
RV8	27/	2700K	20	2000 lumens ¹	R08	AR	Clear	(blank)	Semi-specular	120	TRW	White painted flange
	30/	3000K	25	2500 lumens ¹		PR	Pewter	LD	Matte-diffuse	277	TRBL	Black painted flange
	35/	3500K	30	3000 lumens ¹		WTR	Wheat	LS	Specular		GRA 810	Oversize trim ring with 10" outside diameter. Must be ordered separately.
	40/	4000K				WR	White ²					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Aperture:	7-1/4 (18.4)
Overlap trim:	9-1/4 (23.5)
Height:	8 (20.3)
Length:	9 (22.9)
Max. frame aperture:	8-7/8 (22.5)
Min. frame aperture:	7-3/4 (19.7)
Max. ceiling thickness:	2 (5.1)

ACCESSORIES

Order as separate catalog number.

EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
RK2 SDT 347/120 JZ	347V step-down transformer mounted in box installed by others
GRA 810	Oversized trim ring with 10" outside diameter

Notes

- 1 Approximate lumen output.
- 2 Not available with finishes.

PRODUCT INFORMATION

DOM6R LED



Intended Use

Recessed downlight that provides volumetric lighting by filling the entire volume of space with light, delivering the ideal amount of light to walls, cubicles, work surfaces and people. Typical applications include corridors, lobbies, conference rooms and private offices. The system maintains 70% lumen output at more than 50,000 hours.

Features

- Rugged, galvanized steel frame with four (4) remodel ARC clips
- Utilizes high-brightness LEDs mounted to a metal core circuit board, ensuring cool-running operation, CRI > 80

- Luminaire should be installed in applications where ambient temperatures do not exceed 50°C
- Input wattage for 600L is 15.6W; input wattage for 900L is 25.0W
- The DOM6R LED with DIM option operates with all 0-10V dimming switches

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed.

ORDERING INFORMATION

Specifications subject to change.

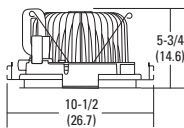
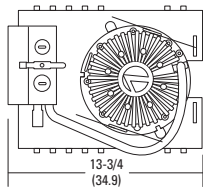
Example: DOM6R LED 900L 35K 120 D06

Series	Lumen output ¹	Color temperature	Voltage	Reflector	Options
DOM6R LED	600L	35K 3500K	120	<u>Open</u>	TRW White flange with anodized reflectors ⁴
	900L	40K 4000K	277	D06 White open ³	TRBL Black flange with anodized reflectors
			347 ²	D06A Clear diffuse open	DIM 0-10V dimming driver, 10% minimum light output
				D06AZ Semi-specular open	ELRB722 Bodine® emergency battery pack with remote test switch provides 86% light output or roughly 770 lumens, for up to 90 minutes (900L only) ⁵
				D06MW Matte white ³	NSD Sensor Switch nLight™ dimming relay; must be ordered with DIM option ⁶
				<u>Wet lens</u>	NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
				DL61	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Aperture: 6-3/4 (17.1)
 Ceiling opening: 7 (17.8)
 Overlap trim: 7-1/2 (19.0)
 Height: 4-3/4 (12.1)
 Length: 12 (30.5)
 Standard width: 9-1/8 (23.2)

Notes

- ¹ Total system delivered lumens; power factor > 0.90.
- ² Not available with ELRB722.
- ³ White integral flange standard.
- ⁴ Only available with open lens.
- ⁵ ELRB722 available with 900L only.
- ⁶ One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.

Intended Use

Recessed downlight that provides volumetric lighting by filling the entire volume of space with light, delivering the ideal amount of light to walls, cubicles, work surfaces and people. Typical applications include corridors, lobbies, conference rooms and private offices. The system maintains 70% lumen output at more than 50,000 hours.

Features

- Rugged, galvanized steel frame with four (4) remodel ARC clips
- Utilizes high-brightness LEDs mounted to a metal core circuit board, ensuring efficient heat dissipation, CRI > 80
- Thermal control ensures cool-running LEDs

- Luminaire should be installed in applications where ambient temperatures do not exceed 50°C
- Input wattage for 1200L is 27.5W; input wattage for 1500L is 35.8W
- DOM8R LED with DIM option operates with all 0-10V dimming switches

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed.

DOM8R LED



ORDERING INFORMATION

Specifications subject to change.

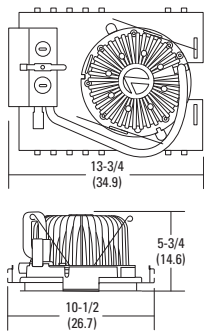
Example: DOM8R LED 1200L 35K 120 D08

Series	Lumen output ¹	Color temperature	Voltage	Reflector	Options
DOM8R LED	1200L	35K 3500K	120	D08 White open ³	TRW White flange with anodized reflectors
	1500L	40K 4000K	277	D08A Clear diffuse open	TRBL Black flange with anodized reflectors
			347 ²	D08AZ Semi-specular open	ELR Emergency battery pack with remote test switch 100% lumen output at 90 minutes
				D08MW Matte white ³	DIM 0-10V dimming driver, 10% minimum light output
					NSD Sensor Switch nLight™ dimming relay; must be ordered with DIM option ⁴
					NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

- Aperture: 8-3/4 (22.2)
- Ceiling opening: 9 (22.9)
- Overlap trim: 9-3/8 (23.7)
- Height: 5-3/4 (14.6)
- Length: 13-3/4 (34.9)
- Standard width: 10-1/2 (26.7)

Notes

- 1 Total system delivered lumens; power factor > 0.90.
- 2 Not available with ELR.
- 3 White integral flange.
- 4 One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.

DOM6 LED

6" LED Downlight



Intended Use

The DOM™ Series integrates new technology and quality materials to maximize performance and aesthetics while ensuring the quality of light. This series is ideal for supplying high-quality general illumination in corridors, offices, reception areas, schools and retail environments. The DOM is 20% more energy efficient than comparable CFL downlights.

Features

- 16-gauge galvanized steel mounting/plaster frame with torsion springs to mount the open conical shape reflector
- LED light source shielded from direct view
- Post-installation adjustment possible from above or below the ceiling
- Fixture height of 5-3/4" allows installation in shallow plenum applications

- Secondary housing adjustment system for precise, final ceiling-to-flange alignment
- The system maintains 70% lumen output at more than 50,000 hours
- Utilizes high-brightness LEDs mounted to a metal core circuit board, ensuring efficient heat dissipation, CRI > 80
- Luminaire should be installed in applications where ambient temperatures do not exceed 50°C

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed.

ORDERING INFORMATION

Specifications subject to change.

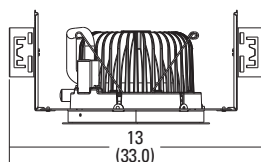
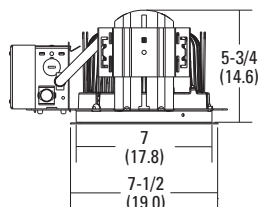
Example: DOM6 LED 900L 35K 120 D06

Series	Lumen output ¹	Color temperature	Voltage	Reflector		Options
DOM6 LED	600L	35K 3500K	120	Open	Wet lens ⁴	TRW White flange with anodized reflectors
	900L	40K 4000K	277	D06 White open ³	DL61 White splay, flat clear lens	TRBL Black flange with anodized reflectors
			347 ²	D06A Clear diffuse open	DL6B1 Black baffle, flat clear lens	DIM 0-10V dimming driver, 10% minimum light output
				D06AZ Semi-specular open	DL64 White splay, fresnel lens	ELRB722 Bodine® emergency battery pack with remote test switch provides 86% light output or roughly 770 lumens, for up to 90 minutes (900L only) ⁵
				D06MW Matte white ³	DL6B4 Black baffle, fresnel lens	NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
					DL673 White splay, tempered prismatic lens	
					DL6B73 Black baffle, tempered prismatic lens	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Aperture: 6-3/4 (17.1)
 Ceiling opening: 7 (17.8)
 Overlap trim: 7-1/2 (19.0)
 Height: 5-3/4 (14.6)
 Length: 11-1/8 (28.3)
 Standard width: 13 (33.0)

Notes

- 1 Total system delivered lumens; power factor > 0.90.
- 2 Not available with ELRB722.
- 3 White integral flange.
- 4 Lensed reflectors are wet location listed.
- 5 ELRB722 available only with 900L.

DOM8 LED

8" LED Downlight



Intended Use

The DOM™ Series integrates new technology and quality materials to maximize performance and aesthetics while ensuring the quality of light. This series is ideal for supplying high-quality general illumination in corridors, offices, reception areas, schools and retail environments. The DOM is 20% more energy efficient than comparable CFL downlights.

Features

- 16-gauge galvanized steel mounting/plaster frame with torsion springs to mount the open conical shape reflector
- LED light source shielded from direct view
- Post-installation adjustment possible from above or below the ceiling
- Fixture height of 5-3/4" allows installation in shallow plenum applications

- Secondary housing adjustment system for precise, final ceiling-to-flange alignment
- The system maintains 70% lumen output at more than 50,000 hours
- Utilizes high-brightness LEDs mounted to a metal core circuit board, ensuring efficient heat dissipation, CRI > 80
- Luminaire should be installed in applications where ambient temperatures do not exceed 50°C

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed.

ORDERING INFORMATION

Specifications subject to change.

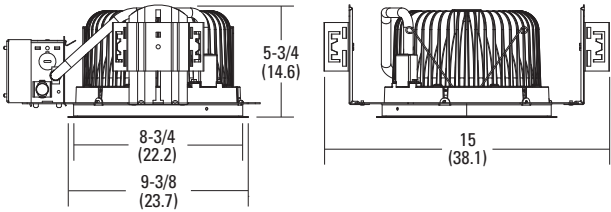
Example: DOM8 LED 1200L 35K 120 D08

Series	Lumen output ¹	Color temperature		Voltage	Reflector	Options	
DOM8 LED	1200L	35K	3500K	120	Open	TRW	White flange with anodized reflectors
	1500L	40K	4000K	277	D08 White open ³	TRBL	Black flange with anodized reflectors
				347 ²	D08A Clear diffuse open	DIM	0-10V dimming driver, 10% min. light output
					D08AZ Semi-specular open	ELR	Emergency battery pack with remote test switch 100% lumen output at 90 minutes
					D08MW Matte white ³	NEPP	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

- Aperture: 8-3/4 (22.2)
- Ceiling opening: 8-3/4 (22.2)
- Overlap trim: 9-3/8 (23.7)
- Height: 5-3/4 (14.6)
- Length: 13 (33.0)
- Standard width: 15 (38.1)

Notes

- ¹ Total system delivered lumens; power factor > 0.90.
- ² Not available with ELR.
- ³ White integral flange.

REALITY

Residential



Intended Use

For use with common 6" installed housings for retrofit applications. New Construction use with housings L7X, LC6, or L7XLED T24 (dedicated LED connector). Remodel or install from below applications use with L7XR or L7XRLED T24 (dedicated LED connector). LED module for use in retrofit / remodel or new construction applications where energy savings, long-life, and functional delivered light levels are required. The Reality LED module provides 80% energy savings over the 65W BR30 and replicates the beam pattern and useful light levels of these fixtures. It will maintain at least 70% light output for 50,000 hours in a typical IC environment. The Reality LED module is the most economical means to create a well-lit environment with exceptional energy efficiency and near zero maintenance.

Features

- Elliptical upper reflector and a patented micro prism lens provides a 38 degree or 67 degree full width half max (FWHM) beam angle based on distribution chosen

- Lower splay recesses optical system into the ceiling to prevent glare and provide a traditional look
- LEDs on a metal core circuit board, ensure cool-running operation for long life
- On-board circuitry to ensure protection against wiring errors
- High-efficiency driver mounted on the module
- Full range dimming is standard; dimming down to 25%
- Suitable for installation in standard-height rough-in sections; fits into most popular 6" housings

Listings

REALITY ESL (ENERGY STAR®) module: CSA Certified to U.S. and Canadian safety standards. Wet location listed. ENERGY STAR® qualified.



ORDERING INFORMATION

Specifications subject to change.

Example: REAL6 D6MW ESL 1000L 35K .60SC

Series/Finish		Type	Lumen output ¹		Color temperature	Distribution	Voltage
<u>Series</u>	<u>Finish</u>	ESL ENERGY STAR® listed	600L	8W, 600 lumens	27K 2700K	.60SC .60 spacing criteria	(blank) 120V
REAL6 D6	6" ENERGY STAR® retrofit module		1000L	11W, 1000 lumens	30K 3000K 35K 3500K 40K 4000K	.90SC .90 spacing criteria	
	MW Matte white						
	A Clear diffuse						
	AZ Clear specular						
	BN Brushed nickel						
	BLZ Black specular						
	BZA Antique bronze						
	ORB Oil-rubbed bronze						
	WT Wheat diffuse						

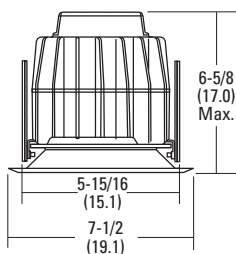
Options

PFMW	Matte white plastic flange ring
PFBL	Black plastic flange ring
L7X	New construction rough-in ²
L7XR	Remodel rough-in ²
LC6	New construction rough-in ²
L7XLED T24	New construction rough-in (LED connector)
L7XLED T24 SDT 277V	NON-IC 277V stepdown transformer (277V to 120V) (LED connector)
L7XRLED T24	Remodel rough-in (LED connector)
LC6LED T24	New construction rough-in (LED connector)
ISH	Insect shield
NEPP	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Aperture: 4-3/8 (11.1)
 Ceiling opening: As rough-in
 Overlap trim: 7-1/2 (19.1)
 Height: 6-5/8 (17.0) max.
 Weight (module only): 2.8 lbs.
 Weight (module and carton): 3.96 lbs.

Notes

- ¹ Total system delivered lumens.
- ² Must be ordered on separate line.

PRODUCT INFORMATION

Intended Use

LED Downlight fixture for use in remodel or new construction applications where energy savings, long life, and quality of light are required. Typical applications include corridors, lobbies, conference rooms, and private offices.

Features

- LP6LN (New Construction): Rugged, 16-gauge galvanized steel mounting frame with torsion spring bracket to mount the finishing module
- 6VL (New Construction): Galvanized steel mounting/plaster frame with torsion spring bracket to mount the finishing module
- 6VLR (Remodel): Galvanized steel remodel mounting/plaster frame with torsion spring bracket to mount the finishing module

- Maximum 1-1/2" ceiling thickness
- Wet location rated lens is tightly fitted to the housing to reduce the ingress of dust
- High-efficiency, electronic LED 0-10V dimming driver mounted to the junction box and dims luminaire to 15% light output
- The system maintains 70% lumen output for more than 50,000 hours

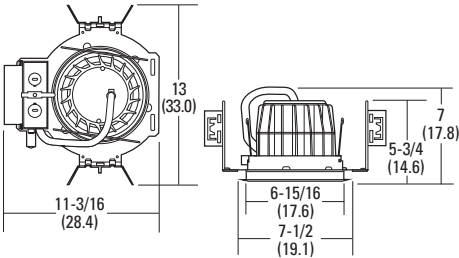
Listings

CSA Certified to U.S. and Canadian safety standards. Wet location listed. ENERGY STAR® qualified.

REALITY
Commercial



ORDERING INFORMATION				Specifications subject to change.				Example: REAL6C D6MW ESL 1500L 35K 0.95SC 277 LP6LN							
Series/Finish				Type	Lumen output ¹		Color temperature		Distribution		Voltage	Mounting pan			
Series		Finish		ESL ENERGY STAR® listed	1000L	14.2W, 1000 lumens	27K	2700K	0.65SC	0.65 Spacing criteria	120	LP6LN	1000L ³		
REAL6 C D6 6" Open downlight		MW	Matte white				30K	3000K			277	LP6LN	1500L ³		
		A	Clear diffuse		1500L	18.8W, 1500 lumens	35K	3500K	0.95SC	0.95 Spacing criteria	347 ²	6VL	1000L ³		
		AZ	Clear specular				40K	4000K			6VL	1500L ³			
		BN	Brushed nickel				6VLR	1000L ³							
		BLZ	Black specular				6VLR	1500L ³							
		BZA	Antique bronze												
		ORB	Oil-rubbed bronze												
		WT	Wheat diffuse												
Options															
PFMW		Matte white plastic flange ring													
PFBL		Black plastic flange ring													
ELR		Emergency battery pack with remote test switch ⁴													
NSD		Sensor Switch nLight™ ⁵													
GMF		Single slow-blow fuse, must specify voltage													
ISH		Insect shield													
NEPP		Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.													
ADDITIONAL INFORMATION				For additional product information, visit www.lithonia.com .											

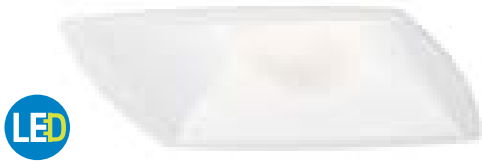


Specifications
Aperture: 4-3/8 (11.1)
Ceiling opening: 6-15/16 (17.6)
Overlap trim: 7-1/2 (19.1)
Height: 7 (17.8)

- Notes**
- Total system nominal delivered lumens.
 - Using step-down transformer increases power draw by 15 watts.
 - Lumens only required when ordered separately.
 - Not available with 347V.
 - One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.

RT5D LED

1' x 1' LED



Intended Use

The RT5D Series is designed for applications where comfort, aesthetics and energy savings are important. The RT5D LED is 20% more efficient when compared to the mean efficacy of a common two-lamp, 26DTT compact fluorescent downlight.

Features

- 16-gauge galvanized steel mounting plaster frame with mechanical trim retention integral yoke to retain optical system
- Fixture height of 4- 7/8" allows installation in shallow plenum applications
- Maximum 2" ceiling thickness

- Regressed, two-piece refractive system obscures the lamp and smoothly washes the reflector with light
- The system maintains 70% lumen output at more than 50,000 hours
- Utilizes high-efficiency LEDs mounted to a metal core circuit board, ensuring cool-running operation, CRI > 80
- Typical lumens per system is 1700 utilizing 41 total system watts

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed.

ORDERING INFORMATION

Specifications subject to change.

Example: RT5D LED 35K 120

Series	Lumen output ¹	Color temperature	Voltage	Options
RT5D LED	(blank) 1700L	35K 3500K 40K 4000K	120 277 347	LFS LED freezer shroud (shipped separately) ² CP Chicago Plenum DIM 0-10V dimming driver, 10% minimum light output ELR Emergency battery pack; remote test switch provided ³ NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.

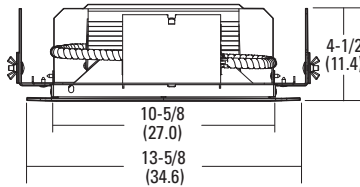
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

- Aperture: 10-5/8 (27.0)
- Ceiling Opening: 11-1/4 X 11-1/4 (28.8 X 28.8)
- Overlap Trim: 13-5/8 (34.4)
- Height: 4-7/8 (12.4)
- Length: 25-1/2 (64.8)
- Standard Width: 15 (38.1)



Notes

- ¹ Typical system delivered lumens.
- ² Available for use only with freezer applications.
- ³ Not available in 347V.

Intended Use

Provides volumetric lighting by filling the entire volume of space with light, delivering the ideal amount of light to walls, cubicles, work surfaces and people. Typical applications include corridors, lobbies, conference rooms and private offices. RTSD will fill the space with light without glare or cave effect of traditional downlights. In addition, RTSD with a single 32W triple-tube lamp provides up to 30% energy savings when compared to common two-lamp, 26W double twin-tube downlight.

Features

- 16-gauge galvanized steel mounting/plaster frame with mechanical trim retention integral yoke to retain optical system

- Rugged, one-piece white die-cast reflector system with linear facets softens and distributes light into the space (ships separately)
- Mounting bars are 16-gauge galvanized steel with continuous 2-3/4" vertical adjustment, held in place with wingnuts
- Post installation adjustment possible without the use of tools from above or below the ceiling
- Maximum 2" ceiling thickness
- Regressed, two-piece refractive system obscures the lamp and smoothly washes the reflector with light

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

RT5D**1'x1' Horizontal Lamp, Triple-Tube (TRT)****ORDERING INFORMATION**

Specifications subject to change.

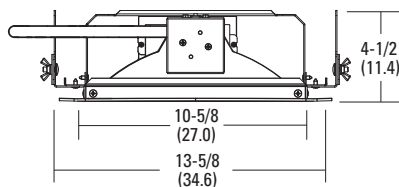
Example: RTSD

Series	Lamp type	Voltage	Options
RTSD	(blank) 1/26-42TRT ¹	(blank) MVOLT ²	EL Emergency battery pack; integral test switch provided ⁵
	1/26TRT One 26W TRT lamp	120 120V ³	ELR Emergency battery pack; remote test switch provided ⁵
	1/32TRT One 32W TRT lamp	277 277V ³	GMF Single, slow-blow fuse ^{3,5}
	1/42TRT One 42W TRT lamp	347 347V ⁴	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V; minimum dimming level 5% ^{3,5}
	1/26DTT One 26W DTT lamp		ECOS ECOS Lutron EcoSystem electronic dimming ballast, 120V or 227V; must be voltage specific. Minimum dimming level 5% ^{1,3,5}
			WLP 35K lamp (shipped separately)
			BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁴
			NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
			CP Chicago Plenum ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Aperture: 10-5/8 (27.0)
 Ceiling Opening: 11-1/4 X 11-1/4
 (28.58 X 28.58)
 Overlap Trim: 13-5/8 (34.4)
 Height: 4-1/2 (11.4)
 Length: 25-1/2 (64.8)
 Standard Width: 15 (38.1)
 EL Width: 16-1/2 (41.9)

Notes

- 1 Not available with ECOS or WLP.
- 2 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- 3 Wattage and voltage must be specified when ordering with GMF, ADEZ and ECOS.
- 4 Not available with EL, ELR.
- 5 Not available in 347V.

LF6N

1- Lamp, Triple-Tube (TRT)



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit

- Maximum ceiling thickness 1-1/2"
- Minimum starting temperature is 0°F/-18°C
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

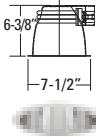
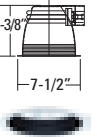
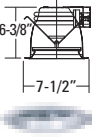
Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LF6N 1/26TRT F602A MVOLT

Series	Lamp type	Reflector	Lens ²		Voltage	Options				
LF6N	1/26-42TRT ¹	Choose reflector below.	CGL	Clear glass lens	MVOLT ³	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%				
	1/26TRT	Housing and reflector may be ordered separately.	T73	Tempered glass prismatic lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%				
	1/32TRT				277	EL Emergency PSDL3 DL battery pack with integral test switch ⁵				
	1/42TRT	Lamp types and maximum wattages are listed for each reflector.	PCL	Clear polycarbonate lens	347 ⁴	ELR Emergency PSDL3 DL battery pack with remote test switch ⁵				
						ELHL IOTA I-420-R high lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W) ⁶				
						ELRHL IOTA I-420-EM-B high lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W) ⁶				
						GMF Single slow-blow fuse, must specify voltage				
						BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁴				
						RIF1 Radio interference filter				
						TRW White flange with anodized reflectors				
						NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.				
						WLP 35K lamp (shipped separately)				
Open reflector			Baffle with specular upper reflector			Wallwash with integral kicker	Glass lens (wet location)			
F601	White ²		F6B5	Black baffle ⁷		F6W4	White	F6LS1	White splay, clear lens ^{7,8}	
F601A	Clear diffuse ²		F6B5W	White baffle ⁷		F6W4A	Clear diffuse	F6LSB1	Black baffle, clear lens ^{7,8}	
F601AZ	Clear semi-specular ²					F6W4AZ	Clear semi-specular	F6LS4	White splay, fresnel lens ^{7,8}	
F601G	Gold diffuse ²					F6W4G	Gold diffuse	F6LSB4	Black baffle, fresnel lens ^{7,8}	
F601GZ	Gold semi-specular ²					F6W4GZ	Gold semi-specular	F6LS73	White splay, tempered prismatic lens ^{7,8}	
F601PR	Pewter diffuse ²			F6W4PR	Pewter diffuse			F6LSB73	Black baffle, tempered prismatic lens ^{7,8}	
F601WTZ	Wheat semi-specular ²	1/42TRT			1/42TRT	F6W4WTZ	Wheat semi-specular			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

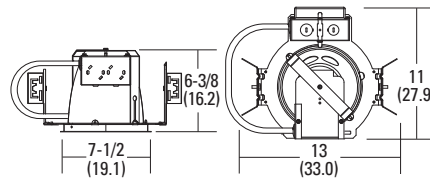
Example: (13) LF6N 1/26-42TRT F601A MVOLT

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 13) LF6N 1/26-42TRT MVOLT (13 cartons of one housing)

(Qty 13) F601A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with ECOS or WLP.
- 2 Damp lens only available with open reflectors.
- 3 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- 4 Not available with EL or ELR.
- 5 Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- 6 Not recommended for field installation.
- 7 White painted flange (TRW) standard.
- 8 Lensed reflectors are wet location listed.

Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit

- Maximum ceiling thickness 1-1/2"
- Minimum starting temperature is 0°F/-18°C
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

LF6N**2-Lamp, Double Twin-Tube (DTT)****Example: LF6N 2/26DTT F602A MVOLT****ORDERING INFORMATION**

Specifications subject to change.

Series	Lamp type	Reflector	Lens ²	Voltage	Options
LF6N	2/13DTT ¹ 2/18DTT 2/26DTT	Choose reflector below. Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	CGL Clear glass lens T73 Tempered glass prismatic lens PCL Clear polycarbonate lens	MVOLT ³ 120 277 347 ⁴	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5% ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5% EL Emergency PSDL3 DL battery pack with integral test switch ⁵ ELR Emergency PSDL3 DL battery pack with remote test switch ⁵ ELRHL2LP IOTA I-162 Emergency battery pack with remote test switch. Operates two 26W CFL lamps in emergency mode with battery back-up in case of power disruption. Average lumen output is 2600 ⁶ GMF Single slow-blow fuse, must specify voltage BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁴ RIF1 Radio interference filter TRW White flange with anodized reflectors LBH Less barhangers NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01. WLP 35K lamp (shipped separately)

Open reflector

F602	White ²
F602A	Clear diffuse ²
F602AZ	Clear semi-specular ²
F602G	Gold diffuse ²
F602GZ	Gold semi-specular ²
F602PR	Pewter diffuse ²
F602WTZ	Wheat semi-specular ²



2/26DTT

Baffle with specular upper reflector

F6B3	Black baffle ⁷
F6B3W	White baffle ⁷



2/26DTT

Wallwash with integral kicker

F6W1	White
F6W1A	Clear diffuse
F6W1AZ	Clear semi-specular
F6W1G	Gold diffuse
F6W1GZ	Gold semi-specular
F6W1PR	Pewter diffuse
F6W1WTZ	Wheat semi-specular



2/26DTT

Open cone

F6C3BLZ	Black semi-specular
---------	---------------------



2/26DTT

Glass lens (wet location)

F6LF3	White splay, white lens ^{7,8}
F6LFB3	Black baffle, white lens ^{7,8}
F6L4	White splay, fresnel lens ^{7,8}
F6LB4	Black baffle, fresnel lens ^{7,8}
F6LF73	White splay, tempered prismatic lens ^{7,8}
F6LFB73	Black baffle, tempered prismatic lens ^{7,8}



2/26DTT

Drop glass lens (wet location)

F6LD3	White splay, drop opal lens ^{7,8}
F6LDB3	Black baffle, drop opal lens ^{7,8}



2/26DTT

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**STANDARD PACKAGING**

To order, use single master catalog number.

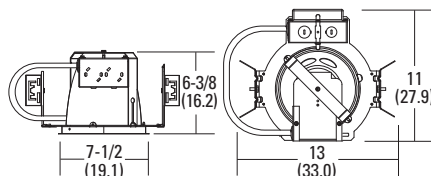
Example: (13) LF6N 2/26DTT F602A MVOLT

Fixtures ship as multiple components using optimized packaging.
Example above ships as:

(Qty 13) LF6N 2/26DTT MVOLT (13 cartons of one housing)

(Qty 13) F602A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not available with ADEZ or ECOS.
- Damp lens only available with open reflector.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- Ships standard for one-lamp operation. For two-lamp operation, consult installation instructions or contact factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.
- White painted flange (TRW) standard.
- Lensed reflectors are wet location listed.
- Must be ordered with 0-10V dimming ballast.

LP6FN

1-Lamp, Double Twin-Tube (DTT)

1-Lamp, Triple-Tube (TRT)



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit
- Junction boxes equipped with two 3/4" and four 1/2" conduit knockouts with pryout slots and removable access doors

- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life
- Socket housing also adjusts to accommodate varying lamp lengths
- Maximum ceiling thickness 1-1/2"
- Minimum starting temperature is 0°F/-18°C
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LP6FN 26-42TRT 609A MVOLT

Series	Lamp type	Reflector	Lens ³	Voltage	Options
LP6FN	13DTT ¹	Choose reflector below.	CGL Clear glass lens	MVOLT ⁴	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be voltage specific. Minimum dimming level 5%
	18DTT	Housing and reflector may be ordered separately.	T73 Tempered glass prismatic lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V-277V. Must be wattage specific. Minimum dimming level 5%
	26DTT	Lamp types and maximum wattages are listed for each reflector.	PCL Clear polycarbonate lens	277	EL Emergency PSDL3 battery pack with integral test switch ⁶
	13TRT ¹			347 ⁵	ELR Emergency PSDL3 battery pack with remote test switch ⁶
	18DTT/TRT ²				ELHL IOTA I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W) ⁷
	26-42TRT ²				ELRHL IOTA I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W) ⁷
	18TRT				GMF Single slow-blow fuse, must specify voltage
	26TRT				BDP Ballast disconnect plug (meets codes that require in-fixture disconnect)
	32TRT				RIF1 Radio interference filter
	42TRT				TRW White flange with anodized reflectors
					LBH Less barhangers
					NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
					WLP 35K lamp (shipped separately)

Open reflector	Baffle with diffuse upper reflector	Wallwash with integral kicker	Glass lens (wet location)
609 White ³	6B9 Black baffle ⁸	6W9 White	6LRF1 White splay, clear lens ^{8,9}
609A Clear diffuse ³	6B9W White baffle ⁸	6W9A Clear diffuse	6LRFB1 Black baffle, clear lens ^{8,9}
609AZ Clear semi-specular ³		6W9AZ Clear semi-specular	6LR4 White splay, fresnel lens ^{8,9}
609G Gold diffuse ³		6W9G Gold diffuse	6LRB4 Black baffle, fresnel lens ^{8,9}
609GZ Gold semi-specular ³		6W9GZ Gold semi-specular	6LRF73 White splay, tempered prismatic lens ^{8,9}
609PR Pewter diffuse ³		6W9PR Pewter diffuse	6LRFB73 Black baffle, tempered prismatic lens ^{8,9}
609WTZ Wheat semi-specular ³		6W9WTZ Wheat semi-specular	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

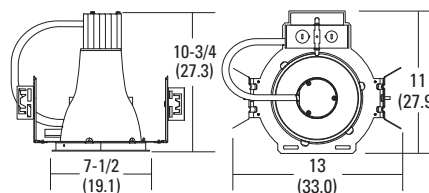
Example: (13) LP6FN 26-42TRT 609A MVOLT

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 13) LP6FN 26-42TRT MVOLT (13 cartons of one housing)

(Qty 13) 609A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with ADEZ or ECOS.
- 2 Not available with WLP.
- 3 Damp lens available with 609 reflectors.
- 4 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- 5 Not available with EL or ELR.
- 6 Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- 7 Not recommended for field installation.
- 8 White painted flange (TRW) standard.
- 9 Lensed reflectors are wet location listed
- 10 Must be ordered with 0-10V dimming ballast.

Intended Use

New construction applications requiring high-performance vertical reflectors using HID lamps.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life
- Socket housing also adjusts to accommodate varying lamp lengths

- Maximum ceiling thickness 1-1/2"
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

LP6HN

**ORDERING INFORMATION**

Specifications subject to change.

Example: LP6HN 50M 609A 120/277

Series	Lamp type		Reflector	Lens ²	Voltage	Options	
LP6HN	<u>Metal halide</u>		Choose reflector below. Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	CGL Clear glass lens T73 Tempered glass prismatic lens	120/277 120 277	SF	Single fuse, must specify voltage
	50M	50W MP50/C/U				QRS	Quartz restrike system (uses maximum 100W DC-base quartz lamp) ⁵
	70M	70W MP70/C/U				QRSTD	Quartz restrike system with time delay. Operates like QRS, except quartz lamp remains on for two minutes after HID lamp restrikes ⁶
	100M	100W MP100/C/U				WLP	Lamp (shipped separately)
						TRW	White flange with anodized reflectors
						LBH	Less barhangers

Open reflector		Baffle with diffuse upper reflector		Wallwash with integral kicker		Glass lens (wet location)	
609	White ²	6B9	Black baffle ⁴	6W9	White	6LRF1	White splay, clear lens ^{3,4}
609A	Clear diffuse ²	6B9W	White baffle ⁴	6W9A	Clear diffuse	6LRFB1	Black baffle, clear lens ^{3,4}
609AZ	Clear semi-specular ²			6W9AZ	Clear semi-specular	6LR4	White splay, fresnel lens ^{3,4}
609G	Gold diffuse ²			6W9G	Gold diffuse	6LRB4	Black baffle, fresnel lens ^{3,4}
609GZ	Gold semi-specular ²			6W9GZ	Gold semi-specular	6LRF73	White splay, tempered prismatic lens ^{3,4}
609PR	Pewter diffuse ²			6W9PR	Pewter diffuse	6LRFB73	Black baffle, tempered prismatic lens ^{3,4}
609WTZ	Wheat semi-specular ²			6W9WTZ	Wheat semi-specular		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

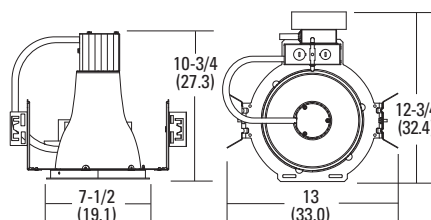
Example: (12) LP6HN 50M 609A 120/277

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 12) LP6HN 50M 120/277 (12 cartons of one housing)

(Qty 12) 609A (12 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Ceramic arc tube consistent-color lamp. PHILIPS MASTERColor® or GE ConstantColor®.
- 2 Damp lens available with open reflectors.
- 3 Lensed reflectors are wet location listed.
- 4 White painted flange standard.
- 5 Not available with QRSTD.
- 6 Not available with QRS.

LP6HN PAR



Intended Use

New construction applications requiring high-performance vertical reflectors using HID lamps.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life
- Socket housing also adjusts to accommodate varying lamp lengths

- Maximum ceiling thickness 1-1/2"
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

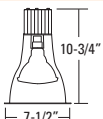
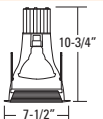
Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LP6HN PAR 100M 609A 120/277

Series	Lamp type		Reflector	Lens ¹	Voltage	Options	
LP6HN PAR	<u>Metal halide</u>	<u>Color corrected metal halide</u>	Choose reflector below.	CGL Clear glass lens	120/277	SF	Single fuse; must specify voltage
	70M 70W PAR38	70MHC 70W PAR30 or PAR38	Housing and reflector may be ordered separately.	T73 Tempered glass prismatic lens	120	LPSP P30	PAR30 spot lamp (shipped separately)
	100M 100W PAR38				277	LPSP P38	PAR38 spot lamp (shipped separately)
		100MHC 100W or PAR38	Lamp types and maximum wattages are listed for each reflector.			LPFL P30	PAR30 flood lamp (shipped separately)
						LPFL P38	PAR38 flood lamp (shipped separately)
						LPWFL P38	PAR38 wide flood lamp (shipped separately)
						TRW	White flange with anodized reflectors
						LBH	Less barhangers

Open reflector			Baffle with diffuse upper reflector		Wallwash with integral kicker		Glass lens (wet location)				
609	White ¹		6B9	Black baffle ³	6W9	White	6LRF1	White splay, clear lens ^{2,3}			
609A	Clear diffuse ¹		6B9W	White baffle ³	6W9A	Clear diffuse	6LRFB1	Black baffle, clear lens ^{2,3}			
609AZ	Clear semi-specular ¹				6W9AZ	Clear semi-specular	6LR4	White splay, fresnel lens ^{2,3}			
609G	Gold diffuse ¹				6W9G	Gold diffuse	6LRB4	Black baffle, fresnel lens ^{2,3}			
609GZ	Gold semi-specular ¹				6W9GZ	Gold semi-specular	6LRF73	White splay, tempered prismatic lens ^{2,3}			
609PR	Pewter diffuse ¹				6W9PR	Pewter diffuse					
609WTZ	Wheat semi-specular ¹	100M 100MHC			100M 100MHC	6W9WTZ	Wheat semi-specular	100M 100MHC	6LRFB73	Black baffle, tempered prismatic lens ^{2,3}	100M 100MHC

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

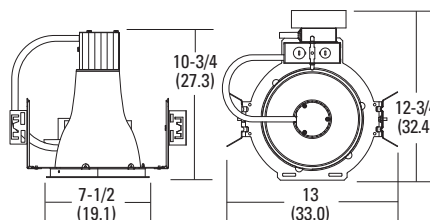
Example: (12) LP6HN PAR 100M 609A 120/277

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 12) LP6HN PAR 100M 120/277 (12 cartons of one housing)

(Qty 12) 609A (12 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Notes
- 1 Damp lens available with open reflectors.
 - 2 Lensed reflectors are wet location listed.
 - 3 White painted flange standard.

LP6N



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extend lamp life

- Socket housing also adjusts to accommodate varying lamp lengths
- Maximum ceiling thickness 1-1/2"
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

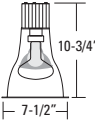
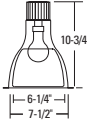
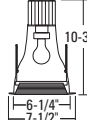
Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LP6N 609A

Series	Reflector	Lens ¹	Options
LP6N	Choose reflector below. Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	CGL Clear glass lens T73 Tempered glass prismatic lens	SDT 277V stepdown transformer (277V or 120V) TRW White flange with anodized reflectors LBH Less barhangers
Open reflector		Wallwash with integral kicker	Glass lens (wet location)
609	White ¹	6W9 White	6LRF1 White splay, clear lens ^{2,3}
609A	Clear diffuse ¹	6W9A Clear diffuse	6LRFB1 Black baffle, clear lens ^{2,3}
609AZ	Clear semi-specular ¹	6W9AZ Clear semi-specular	6LR4 White splay, fresnel lens ^{2,3}
609G	Gold diffuse ¹	6W9G Gold diffuse	6LRB4 Black baffle, fresnel lens ^{2,3}
609GZ	Gold semi-specular ¹	6W9GZ Gold semi-specular	6LRF73 White splay, tempered prismatic lens ^{2,3}
609PR	Pewter diffuse ¹	6W9PR Pewter diffuse	6LRFB73 Black baffle, tempered prismatic lens ^{2,3}
609WTZ	Wheat semi-specular ¹	6W9WTZ Wheat semi-specular	
			
	150 A21, A19 150 PAR38 120 BR40	100 A19 A21	100 A19 A21

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

Example: (13) LP6N 609A

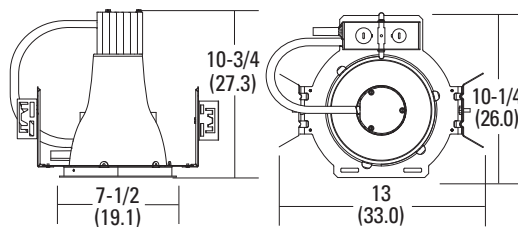
Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 12) LP6N J6 (two cartons of six housings)

(Qty one) LP6N U (one carton of one housing)

(Qty 13) 609A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Damp lens available with open reflectors.
- ² White painted flange standard (TRW).
- ³ Lensed reflectors are wet location listed.

LF8N

1-Lamp, Triple-Tube (TRT)



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit

- Maximum ceiling thickness 1-1/2"
- Minimum starting temperature is 0°F/-18°C
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90° supply wire
- Ground wire provided

Listings









Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LF8N 1/26-42TRT F801A MVOLT

Series	Lamp type	Reflector	Lens ³	Voltage	Options
LF8N	1/26-42TRT ¹	Choose reflector below.	CGL Clear glass lens	MVOLT ⁴	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%
	1/26TRT	Housing and reflector may be ordered separately.	T73 Tempered glass prismatic lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%
	1/32TRT		PCL Clear polycarbonate lens	277	EL Emergency PSDL3 DL battery pack with integral test switch ⁶
	1/42TRT	Lamp types and maximum wattages are listed for each reflector.		347 ⁵	ELR Emergency PSDL3 DL battery pack with remote test switch ⁶
	1/57TRT ²				ELHL IOTA I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W) ⁷
					ELRHL IOTA I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W) ⁷
					GMF Single slow-blow fuse, must specify voltage
					BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁵
					TRW White flange with anodized reflectors
					WLP 35K lamp (shipped separately)
					RIF1 Radio interference filter
					NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
					LBH Less barhangers

Open reflector			Baffle with specular upper reflector			Wallwash with integral kicker			Glass lens with specular upper reflector		
F801	White ³		F8B5	Black baffle ⁸		F8W4	White		F8LS1	White splay, flat clear lens ^{8,9}	
F801A	Clear diffuse ³		F8B5W	White baffle ⁸		F8W4A	Clear diffuse		F8LSB1	Black baffle, flat clear lens ^{8,9}	
F801AZ	Clear semi-specular ³					F8W4AZ	Clear semi-specular		F8LS4	White splay, fresnel lens ^{8,9}	
F801G	Gold diffuse ³					F8W4G	Gold diffuse		F8LSB4	Black baffle, fresnel lens ^{8,9}	
F801GZ	Gold semi-specular ³					F8W4GZ	Gold semi-specular		F8LS73	White splay, tempered prismatic lens ^{8,9}	
F801PR	Pewter diffuse ³					F8W4PR	Pewter diffuse		F8LSB73	Black baffle, tempered prismatic lens ^{8,9}	
F801WTZ	Wheat semi-specular ³	1/57TRT			1/57TRT	F8W4WTZ	Wheat semi-specular	1/57TRT			1/57TRT

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

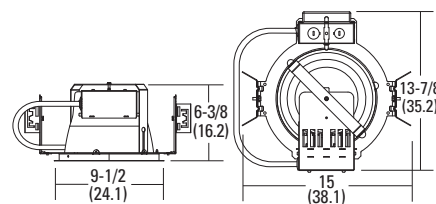
Example: (13) LF8N 1/26-42TRT F801A MVOLT

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty13) LF8N 1/26-42TRT MVOLT (13 cartons of one housing)

(Qty13) F801A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with ECOS or WLP.
- 2 Not available with 347, ECOS, EL or ELR.
- 3 Damp lens only available with open reflectors.
- 4 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- 5 Not available with EL or ELR.
- 6 Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- 7 Not recommended for field installation.
- 8 White painted flange (TRW) standard.
- 9 Lensed reflectors are wet location listed.

Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit

- Maximum ceiling thickness 1-1/2"
- Minimum starting temperature is 0°F/-18°C
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.









LF8N

2-Lamp, Double Twin-Tube (DTT)

**Example:** LF8N 2/26DTT F802A MVOLT**ORDERING INFORMATION**

Specifications subject to change.

Series	Lamp type	Reflector	Lens	Voltage	Options
LF8N	2/13DTT ¹	Choose reflector below	CGL Clear glass lens	MVOLT ³	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%
	2/18DTT	Housing and reflector may be ordered separately.	T73 Tempered glass prismatic lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%
	2/26DTT	Lamp types and maximum wattages are listed for each reflector.	PCL Clear polycarbonate lens	277	EL Emergency PSDL3 DL battery pack with integral test switch ⁴
				347 ⁴	ELR Emergency PSDL3 DL battery pack with remote test switch ⁴
					ELRHL2LP IOTA I-162 Emergency battery pack with remote test switch. Operates two 26W CFL lamps in emergency mode with battery back-up in case of power disruption. Average lumen output is 2600 ⁶
					GMF Single slow-blow fuse, must specify voltage
					BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁴
					TRW White flange with anodized reflectors
					WLP 35K lamp (shipped separately)
					RIF1 Radio interference filter
					NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
					LBH Less barhangers

Open reflector			Baffle with specular upper reflector			Wallwash with integral kicker			Glass lens with specular upper reflector		
F802	White ²		F8B3	Black baffle ⁷		F8W1	White		F8LF1	White splay, clear lens ^{7,8}	
F802A	Clear diffuse ²		F8B3W	White baffle ⁷		F8W1A	Clear diffuse		F8LFB1	Black baffle, clear lens ^{7,8}	
F802AZ	Clear semi-specular ²					F8W1AZ	Clear semi-specular		F8L4	White splay, fresnel lens ^{7,8}	
F802G	Gold diffuse ²					F8W1G	Gold diffuse		F8LB4	Black baffle, fresnel lens ^{7,8}	
F802GZ	Gold semi-specular ²					F8W1GZ	Gold semi-specular		F8LF73	White splay, tempered prismatic lens ^{7,8}	
F802PR	Pewter diffuse ²					F8W1PR	Pewter diffuse		F8LFB73	Black baffle, tempered prismatic lens ^{7,8}	
F802WTZ	Wheat semi-specular ²	2/26DTT			2/26DTT	F8W1WTZ	Wheat semi-specular	2/26DTT			2/26DTT

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**STANDARD PACKAGING**

To order, use single master catalog number.

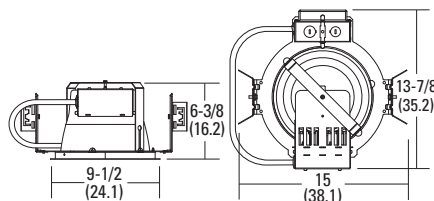
Example: (13) LF8N 2/26DTT F802A MVOLT

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 13) LF8N 2/26DTT MVOLT (13 cartons of one housing)

(Qty 13) F802A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not available with ADEZ or ECOS.
- Damp lens available with open reflectors.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- Ships standard for one-lamp operation. For two-lamp emergency operation, consult installation instructions or factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.
- White painted flange (TRW) standard.
- Lensed reflectors are wet location listed.

LF8N

2-Lamp, Triple-Tube (TRT)



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit

- Maximum ceiling thickness 1-1/2"
- Minimum starting temperature is 0°F/-18°C
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LF8N 2/26-42TRT F803A MVOLT

Series	Lamp type	Reflector	Lens ²	Voltage
LF8N	2/26-42TRT ¹	Choose reflector below.	CGL Clear glass lens	MVOLT ³
	2/26TRT	Housing and reflector may be ordered separately.	T73 Tempered glass prismatic lens	120
	2/32TRT	Lamp types and maximum wattages are listed for each reflector.	PCL Clear polycarbonate lens	277
	2/42TRT			347 ⁴

Options

ADEZ	Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%	GMF	Single slow-blow fuse, must specify voltage disconnect
ECOS	Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%	BDP	Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁴
EL	Emergency PSDL3 DL battery pack with integral test switch ⁵	TRW	White flange with anodized reflectors
ELR	Emergency PSDL3 DL battery pack with remote test switch ⁵	WLP	35K lamp (shipped separately)
ELRHL2LP	IOTA I-162 Emergency battery pack with remote test switch. Operates two 26W, two 32W or two 42W CFL lamps in emergency mode with battery back-up in case of power disruption. Average output is 2600 lumens for two 26W lamps; average output is 2750 lumens for two 32W lamps; average output is 2800 lumens for 42W lamps ⁶	RIF1	Radio interference filters
		TRW	White flange with anodized reflectors
		NEPP	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
		LBH	Less barhangers

Open reflector		Baffle with specular upper reflector		Wallwash with integral kicker		Glass lens with specular upper reflector	
F803	White ²	F8B4	Black baffle ⁷	F8W3	White	F8LT1	White splay, clear lens ^{7,8}
F803A	Clear diffuse ²	F8B4W	White baffle ⁷	F8W3A	Clear diffuse	F8LTB1	Black baffle, clear lens ^{7,8}
F803AZ	Clear semi-specular ²			F8W3AZ	Clear semi-specular	F8LT4	White splay, fresnel lens ^{7,8}
F803G	Gold diffuse ²			F8W3G	Gold diffuse	F8LTB4	Black baffle, fresnel lens ^{7,8}
F803GZ	Gold semi-specular ²			F8W3GZ	Gold semi-specular	F8LT73	White splay, tempered prismatic lens ^{7,8}
F803PR	Pewter diffuse ²			F8W3PR	Pewter diffuse	F8LTB73	Black baffle, tempered prismatic lens ^{7,8}
F803WTZ	Wheat semi-specular ²			F8W3WTZ	Wheat semi-specular		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

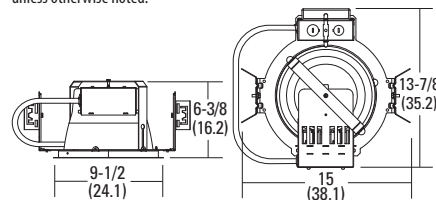
Example: (13) LF8N 2/26-42TRT F803A MVOLT

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 13) LF8N 26-42TRT MVOLT (13 cartons of one housing)

(Qty 13) F803A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Not available with ECOS or WLP.
- Damp lens available with open reflectors.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- Ships standard for one-lamp operation. For two-lamp emergency operation, consult installation instructions or factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.
- White painted flange (TRW) standard.
- Lensed reflectors are wet location listed.

Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit
- Socket housing also adjusts to accommodate varying lamp lengths

- Maximum ceiling thickness 1-1/2"
- Minimum starting temperature is 0°F/-18°C
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

LP8FN

1-Lamp, Double Twin-Tube (DTT)

1-Lamp, Triple-Tube (TRT)

**Example: LP8FN 26-42TRT 802A MVOLT****ORDERING INFORMATION**

Specifications subject to change.

Series	Lamp type	Reflector	Lens ³	Voltage	Options
LP8FN	18DTT	Choose reflector below.	CGL Clear glass lens	MVOLT ⁴	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%
	26DTT	Housing and reflector may be ordered separately.	T73 Tempered glass prismatic lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%
	18TRT		PCL Clear polycarbonate lens	277	EL Emergency PSDL3 DL battery pack with integral test switch. Lens removal required before EL testing ⁶
	26-42TRT ¹	Lamp types and maximum wattages are listed for each reflector		347 ⁵	ELR Emergency PSDL3 DL battery pack with remote test switch ⁶
	26TRT				ELHL IOTA I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W) ⁷
	32TRT				ELRHL IOTA I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W) ⁷
	42TRT				GMF Single slow-blow fuse, must specify voltage
	57TRT ²				BDP Ballast disconnect plug (meets codes that require in-fixture disconnect)
					WLP 35K lamp (shipped separately)
					TRW White flange with anodized reflectors
					RIF1 Radio interference filter
					NEPP Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
					LBH Less barhangers

Open reflector		Baffle with specular upper reflector		Wallwash with integral kicker		Glass lens	
802	White ³		8B3 Black baffle ⁸		8W1 White	8LF1 White splay, clear lens ^{8,9}	
802A	Clear diffuse ³		8B3W White baffle ⁸		8W1A Clear diffuse	8LFB1 Black baffle, clear lens ^{8,9}	
802AZ	Clear semi-specular ³				8W1AZ Clear semi-specular	8L4 White splay, fresnel lens ^{8,9}	
802G	Gold diffuse ³				8W1G Gold diffuse	8LB4 Black baffle, fresnel lens ^{8,9}	
802GZ	Gold semi-specular ³				8W1GZ Gold semi-specular	8LF73 White splay, tempered prismatic lens ^{8,9}	
802PR	Pewter diffuse ³				8W1PR Pewter diffuse	8LFB73 Black baffle, tempered prismatic lens ^{8,9}	
802WTZ	Wheat semi-specular ³	 26DTT 57TRT		 26DTT 57TRT	 26DTT 57TRT		

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**STANDARD PACKAGING**

To order, use single master catalog number.

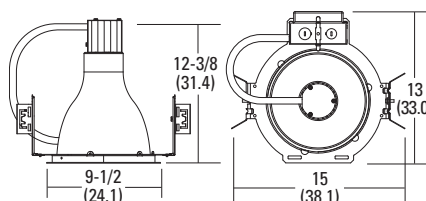
Example: (13) LP8FN 26-42TRT 802A MVOLT

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 13) LP8FN 26-42TRT MVOLT (13 cartons of one housing)

(Qty 13) 802A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Not available with ECOS or WLP.
- 2 Not available with 347V, ECOS, EL or ELR.
- 3 Damp lens available with open reflectors.
- 4 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- 5 Not available with EL or ELR.
- 6 Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- 7 Not recommended for field installation.
- 8 White painted flange (TRW) standard.
- 9 Lensed reflectors are wet location listed.

LP8HN



Intended Use

New construction applications requiring high-performance vertical reflectors using HID lamps.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Vertically adjustable mounting brackets for use with 16-gauge flat barhangers (included), C channels or 1/2" steel conduit
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life

- Socket housing also adjusts to accommodate varying lamp lengths
- Maximum ceiling thickness 1-1/2"
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LP8HN 50M 802 120/277

Series	Lamp type	Reflector	Lens ²	Voltage	Options
LP8HN	<u>Metal halide</u>	<u>Color-corrected metal halide¹</u>	Choose reflector below.	CGL Clear glass lens	SF Single fuse, must specify voltage
	50M 50W MP50/C/U	50MPC MPC50/C/MED	Housing and reflector may be ordered separately.	T73 Tempered glass prismatic lens	QRS Quartz restrike system (uses maximum 100W DC-base quartz lamp) ⁵
	70M 70W MP70/C/U	70MPC MPC70/C/MED	Lamp types and maximum wattages are listed for each reflector.		QRSTD Quartz restrike system with time delay. Operates like QRS, except quartz lamp remains on for two minutes after HID lamp restrikes ⁶
	100M 100W MP100/C/U	100MPC MPC100/C/MED			WLP Lamp (shipped separately)
					TRW White flange with anodized reflectors
					LBH Less barhangers

Open reflector		Baffle with specular upper reflector		Wallwash with integral kicker		Glass lens with specular upper reflector	
802	White ²	8B3	Black baffle ⁴	8W1	White	8LF1	White splay, clear lens ^{3,4}
802A	Clear diffuse ²	8B3W	White baffle ⁴	8W1A	Clear diffuse	8LFB1	Black baffle, clear lens ^{3,4}
802AZ	Clear semi-specular ²			8W1AZ	Clear semi-specular	8L4	White splay, fresnel lens ^{3,4}
802G	Gold diffuse ²			8W1G	Gold diffuse	8LB4	Black baffle, fresnel lens ^{3,4}
802GZ	Gold semi-specular ²			8W1GZ	Gold semi-specular	8LF73	White splay, tempered prismatic lens ^{3,4}
802PR	Pewter diffuse ²			8W1PR	Pewter diffuse	8LFB73	Black baffle, tempered prismatic lens ^{3,4}
802WTZ	Wheat semi-specular ²			8W1WTZ	Wheat semi-specular		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

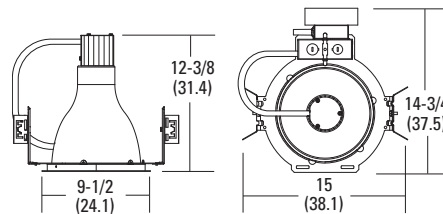
Example: (12) LP8HN 50M 802 120/277

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 12) LP8HN 50M 120/277 (12 cartons of one housing)

(Qty 12) 802 (12 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Ceramic arc tube consistent-color lamp. PHILIPS MASTERColor® or GE ConstantColor®.
- 2 Damp lens available with open reflectors.
- 3 Lensed reflectors are wet location listed.
- 4 White painted flange standard.
- 5 Not available with QRSTD.
- 6 Not available with QRS.

Intended Use

New construction applications requiring high-performance vertical reflectors using HID lamps.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life
- Socket housing also adjusts to accommodate varying lamp lengths

- Maximum ceiling thickness 1-1/2"
- 120/277V electronic ballast is standard for 70M and 100M using PAR30, PAR38 and ceramic metal halide lamps
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

LP8HN PAR

**ORDERING INFORMATION**

Specifications subject to change.

Example: LP8HN PAR 100M 802A 120/277

Series	Lamp type	Reflector	Lens ¹	Voltage	Options
LP8HN PAR	<u>Metal halide</u> 70M 70W PAR38 100M 100W PAR38	<u>Color-corrected metal halide</u> 70MHC 70W PAR30 or PAR38 100MHC 100W or PAR38	Choose reflector below. Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	CGL Clear glass lens T73 Tempered glass prismatic lens	120/277 120 277
Options					
SF Single fuse; must specify voltage					
LBH Less barhangers					
TRW White flange with anodized reflectors					
LPSP P30 PAR30 spot lamp (shipped separately)					
LPSP P38 PAR38 spot lamp (shipped separately)					
LPFL P30 PAR30 flood lamp (shipped separately)					
LPFL P38 PAR38 flood lamp (shipped separately)					
LPWFL P38 PAR38 wide flood lamp (shipped separately)					
Open reflector		Baffle with specular upper reflector	Wallwash with integral kicker	Glass lens with specular upper reflector	
802	White ¹	8B3 Black baffle ³	8W1 White	8LF1	White splay, clear lens ^{2,3}
802A	Clear diffuse ¹	8B3W White baffle ³	8W1A Clear diffuse	8LFB1	Black baffle, clear lens ^{2,3}
802AZ	Clear semi-specular ¹		8W1AZ Clear semi-specular	8L4	White splay, fresnel lens ^{2,3}
802G	Gold diffuse ¹		8W1G Gold diffuse	8LB4	Black baffle, fresnel lens ^{2,3}
802GZ	Gold semi-specular ¹		8W1GZ Gold semi-specular	8LF73	White splay, tempered prismatic lens ^{2,3}
802PR	Pewter diffuse ¹		8W1PR Pewter diffuse	8LFB73	Black baffle, tempered prismatic lens ^{2,3}
802WTZ	Wheat semi-specular ¹		8W1WTZ Wheat semi-specular		
	100M 100MHC	100M 100MHC	100M 100MHC	100M 100MHC	100M 100MHC

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

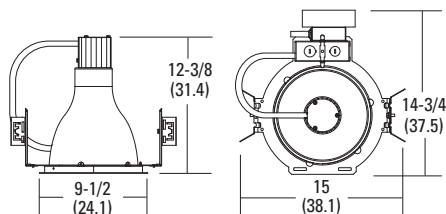
Example: (12) LP8HN PAR 100M 802A 120/277

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 12) LP8HN PAR 100M 120/277 (12 cartons of one housing)

(Qty 12) 802A (12 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Damp lens available with open reflectors.
- 2 Lensed reflectors are wet location listed.
- 3 White painted flange standard.

PRODUCT INFORMATION

LP8N



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open, baffled, wallwash and lensed reflectors are required.

Features

- Heavy-gauge die-formed galvanized steel mounting frame
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior head dissipation and extended lamp life

- Socket housing also adjusts to accommodate varying lamp lengths
- Maximum ceiling thickness 1-1/2"
- Rated for #12 AWG conductor through-branch wiring
- Minimum 90°C supply wire
- Ground wire provided

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LP8N 802A

Series	Reflector	Lens ¹	Options		
LP8N	Choose reflector below. Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	CGL Clear glass lens T73 Tempered glass prismatic lens	SDT 277V stepdown transformer (277V to 120V) TRW White flange with anodized reflectors LBH Less barhangers		
Open reflector		Open wallwash with kicker	Glass lens with specular upper reflector		
802	White ¹	8W1	White	8LF1	White splay, clear lens ^{2,3}
802A	Clear diffuse ¹	8W1A	Clear diffuse	8LFB1	Black baffle, clear lens ^{2,3}
802AZ	Clear semi-specular ¹	8W1AZ	Clear semi-specular	8L4	White splay, fresnel lens ^{2,3}
802G	Gold diffuse ¹	8W1G	Gold diffuse	8LB4	Black baffle, fresnel lens ^{2,3}
802GZ	Gold semi-specular ¹	8W1GZ	Gold semi-specular	8LF73	White splay, tempered prismatic lens ^{2,3}
802PR	Pewter diffuse ¹	8W1PR	Pewter diffuse	8LFB73	Black baffle, tempered prismatic lens ^{2,3}
802WTZ	Wheat semi-specular ¹	8W1WTZ	Wheat semi-specular		
	200 A23, A19 200 PS25 250 PAR38 250 BR40	200 A23, A19 200 PS25 250 PAR38 250 BR40	200 A23, A19 200 PS25 250 PAR38 250 BR40	100 A19, A23 100 PAR38 120 BR40	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.

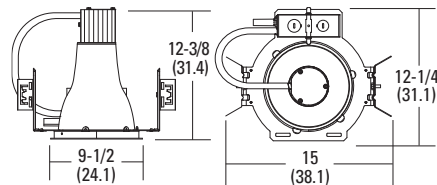
Example: (13) LP8N 802A

Fixtures ship as multiple components using optimized packaging. Example above ships as:

(Qty 13) LP8N (13 cartons of one housing)

(Qty 13) 802A (13 cartons of one reflector)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Damp lens available with open reflectors.
- ² White painted flange standard (TRW).
- ³ Lensed reflectors are wet location listed.

Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open reflectors are required.

Features

- Galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary
- Frames equipped with galvanized junction box UL Listed for through wire applications

- Maximum 1-1/2" ceiling thickness
- Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control
- Black or white baffled reflectors have a semi-specular upper finish with a white painted flange standard

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

6HF 1/TRT

1-Lamp, Triple-Tube (TRT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: 6HF 1/26-42TRT F6B5 MVOLT

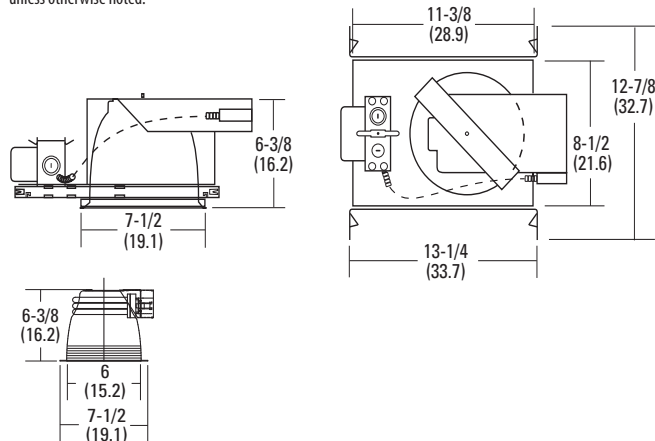
Series	Wattage/Lamp	Reflector/Color	Lens type		Voltage	Options ⁴	
6HF	1/18DTT	Choose reflector below.	(blank)	No lens	MVOLT ²	ADEZ	Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%. Must be wattage and voltage specific.
	1/26DTT	Housing and reflector may be ordered separately.	CGL	Clear glass lens	120	ECOS	Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%.
	1/18TRT	Lamp types and maximum wattages are listed for each reflector.	T73	Tempered glass prismatic lens	277	EL	Emergency PSDL3 DL battery pack with integral test switch ⁵
	1/26-42TRT ¹		PCL	Clear polycarbonate lens	347 ³	ELR	Emergency PSDL3 DL battery pack with remote test switch ⁵
	1/26TRT					ELHL	IOTA I-420-R high lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output 1300 (42W). ⁶
	1/32TRT					ELRHL	IOTA I-420-EM-B high lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output 1300 (42W). ⁶
	1/42TRT					GMF	Single slow-blow fuse, must specify voltage
	1/57TRT					BDP	Ballast disconnect plug (meets codes that require in-fixture disconnect) ³
						RIF1	Radio interference filter
						WLP	35K lamp (shipped separately)

Baffle reflector/Color		Open reflector/Color		Wallwash reflector/Color		Wet lens reflector/Color	
F6B5	Black	F6021	White open	F6W4	White	F6LS1	White splay, clear lens
F6B5W	White	F601A	Clear diffuse open	F6W4A	Clear diffuse	F6LSB1	Black baffle, clear lens
		F601AZ	Clear semi-diffuse open	F6W4AZ	Clear semi-specular	F6LS4	White splay, fresnel lens
		F601G	Gold diffuse open	F6W4G	Gold diffuse	F6LSB4	Black baffle, fresnel lens
		F601GZ	Gold semi-specular open	F6W4GZ	Gold semi-specular	F6LS73	White splay, tempered prismatic lens
		F601PR	Pewter diffuse open	F6W4PR	Pewter diffuse	F6LSB73	Black baffle, tempered prismatic lens
		F60TWTZ	Wheat semi-specular open	F6W4WTZ	Wheat semi-specular	F6LSD3	White splay, drop opal lens
						F6LSDB3	Black baffle, drop opal lens

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Max. height: 6-3/8 (16.2)
Ceiling opening: 7 (17.8)
Overlap trim: 7-1/2 (19.1)
Length: 13-1/4 (33.7)
Width: 12-7/8 (32.7)

Notes

- Not available with ECOS or WLP.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- For additional options, see www.lithonia.com.
- Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

6HF 2/DTT



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open reflectors are required.

Features

- Galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary

- Frames equipped with galvanized junction box UL Listed for through wire applications
- Maximum 1-1/2" ceiling thickness
- Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control
- Black or white baffled reflectors have a semi-specular upper finish with a white painted flange standard

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

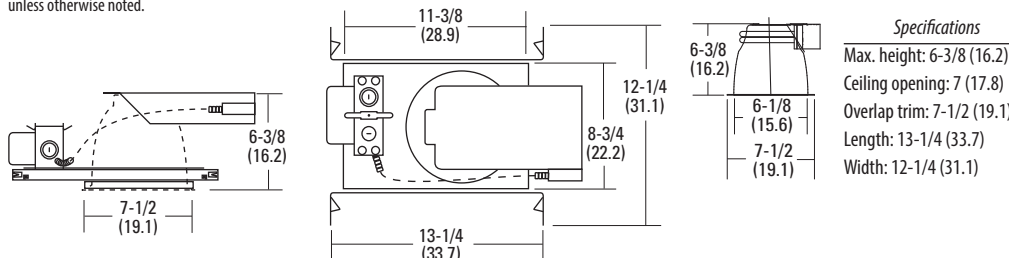
Example: 6HF 2/26DTT F6B3 MVOLT

Series	Wattage/ Lamp	Reflector/Color	Lens type		Voltage	Options ⁴	
6HF	2/13DTT ¹	Choose reflector below.	(blank)	No lens	MVOLT ²	ADEZ	Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%. Must be wattage and voltage specific.
	2/18DTT	Housing and reflector may be ordered separately.	CGL	Clear glass lens	120	ECOS	Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%.
	2/26DTT	Lamp types and maximum wattages are listed for each reflector.	T73	Tempered glass prismatic lens	277	EL	Emergency PSDL3 DL battery pack with integral test switch ⁵
			PCL	Clear polycarbonate lens	347 ³	ELR	Emergency PSDL3 DL battery pack with remote test switch ⁵
						ELRHL2LP	IOTA I-162 emergency battery pack with remote test switch. Operates two 26W, two 32W or two 42W CFL lamps in emergency mode with battery back-up in case of power disruption. Average output is 2,600 lumens for two 26W lamps; 2,750 lumens for two 32W lamps and 2,800 lumens for two 42W lamps. ⁶
						GMF	Single slow-blow fuse, must specify voltage
						BDP	Ballast disconnect plug (meets codes that require in-fixture disconnect) ³
						RIF1	Radio interference filter
						WLP	35K lamp (shipped separately)
Baffle reflector/Color		Open reflector/Color		Wallwash reflector/Color		Wet lens reflector/Color	
F6B3	Black baffle	F6O22	White open	F6W1	White	F6LF1	White splay, clear lens
F6B3W	White baffle	F6O2A	Clear diffuse open	F6W1A	Clear diffuse	F6LFB1	Black baffle, clear lens
		F6O2AZ	Clear semi-diffuse open	F6W1AZ	Clear semi-specular	F6L4	White splay, fresnel lens
		F6O2GZ	Gold semi-specular open	F6W1G	Gold diffuse	F6LB4	Black baffle, fresnel lens
		F6O2PR	Pewter diffuse open	F6W1GZ	Gold semi-specular	F6LF73	White splay, tempered prismatic lens
		F6OTWTZ	Wheat semi-specular open	F6W1PR	Pewter diffuse	F6LTFB73	Black baffle, tempered prismatic lens
				F6W1WTZ	Wheat semi-specular	F6L D3	White splay, drop opal lens
						F6L DB3	Black baffle, drop opal lens

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Not available with ADEZ or ECOS.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- For additional options, see www.lithonia.com.
- Ships standard for 1-lamp operation. For 2-lamp operation, consult installation instructions or factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open reflectors are required.

Features

- Recessed frame-in rated NON-IC for new construction or remodel applications
- Approved for all ceiling and wiring types
- Galvanized steel mounting frame with mechanical trim retention (clips) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary

- Frames equipped with galvanized junction box UL Listed for through wire applications
- Maximum 1-1/2" ceiling thickness
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

6VF

1-Lamp, Double Twin-Tube (DTT)

1-Lamp, Triple-Tube (TRT)

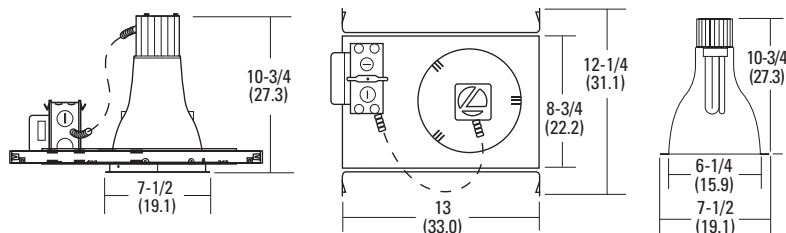
**Example: 6VF 26-42TRT 6B9 MVOLT****ORDERING INFORMATION**

Specifications subject to change.

Series	Wattage/Lamp	Reflector/Color	Lens type		Voltage	Options ⁶	
6VF	13DTT ¹	Choose reflector below.	(blank)	No lens	MVOLT ³	ADEZ	Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%. Must be wattage and voltage specific.
	18DTT	Housing and reflector may be ordered separately.	CGL	Clear glass lens	120	ECOS	Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%.
	26DTT	Lamp types and maximum wattages are listed for each reflector.	T73	Tempered glass prismatic lens	277	EL	Emergency PSDL3 DL battery pack with integral test switch ⁶
	13TRT ¹		PCL	Clear polycarbonate lens	347 ⁴	ELR	Emergency PSDL3 DL battery pack with remote test switch ⁶
	18TRT					ELRHL	IOTA I-420-R high lumen output emergency battery pack. Integral test switch provided. Maximum average lumen output 1300 (42W). ⁷
	26-42TRT ²					ELRHL	IOTA I-420-EM-B high lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output 1300 (42W). ⁷
	26TRT					GMF	Single slow-blow fuse, must specify voltage
	32TRT					BDP	Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁴
	42TRT					RIF1	Radio interference filter
						WLP	35K lamp (shipped separately)
Baffle reflector/Color		Open reflector/Color		Wallwash reflector/Color		Wet lens reflector/Color	
6B9	Black baffle	602	White open	6W1	White	6LRF1	White splay, clear lens
6B9W	White baffle	602A	Clear diffuse open	6W1A	Clear diffuse	6LRFB1	Black baffle, clear lens
		602AZ	Clear semi-diffuse open	6W1AZ	Clear semi-diffuse	6LR4	White splay, fresnel lens
		602G	Gold diffuse open	6W1G	Gold diffuse	6LRB4	Black baffle, fresnel lens
		602GZ	Gold semi-diffuse open	6W1GZ	Gold semi-specular	6LRF73	White splay, tempered prismatic lens
		602PR	Pewter diffuse open	6W1PR	Pewter diffuse	6LRFB73	Black baffle, tempered prismatic lens
		602WTZ	Wheat semi-specular open	6W1WTZ	Wheat semi-specular	6LRD3	White splay, drop opal lens
						6LRDB3	Black baffle, drop opal lens

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Max. height: 10-3/4 (27.3)
 Ceiling opening: 7 (17.8)
 Overlap trim: 7-1/2 (19.1)
 Length: 13 (33.0)
 Width: 12-1/4 (31.1)

Notes

- Not available with ADEZ or ECOS.
- Not available with ECOS or WLP.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- For additional options, see www.lithonia.com.
- Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

6VH/6VH PAR



- Intended Use**

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces.

Features

 - Recessed frame-in rated NON-IC for new construction or remodel applications
 - Approved for all ceiling and wiring types
 - Galvanized steel mounting frame with mechanical trim retention (clips) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary
 - Frames equipped with galvanized junction box UL Listed for through wire applications
 - Maximum 1-1/2" ceiling thickness
 - Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life

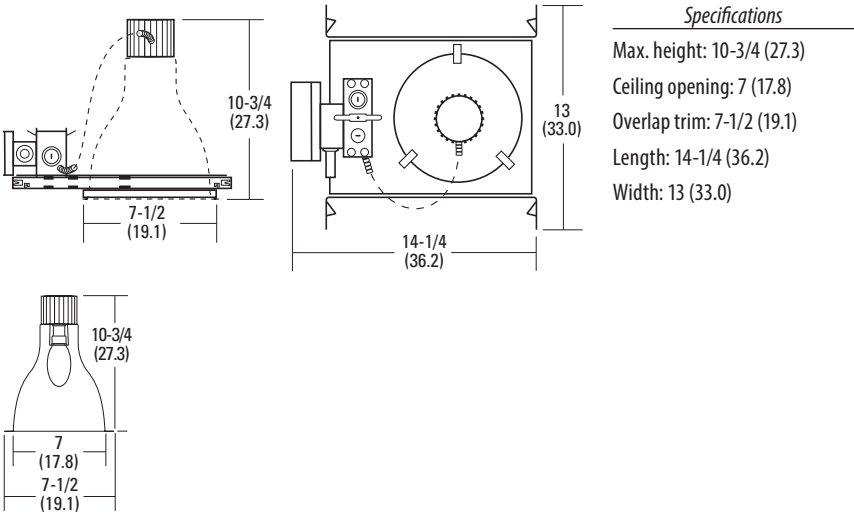
Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION		Specifications subject to change.		Example: 6VH 70M 6B9 120/277		
Series	Wattage/ Lamp	Reflector/ Color ²	Lens type	Voltage	Options ³	
6VH / 6VH PAR	<u>6VH Protected metal halide - Title 20</u>		Choose reflector below.	(blank) No lens	120/277	SF Single fuse; must specify voltage
	50M 50W MP50/C/U	Housing and reflector may be ordered separately.	CGL Clear glass lens	120	QRS	Quartz restrike system (uses maximum 100W DC-base quartz lamp) ⁴
	70M 70W MP70/C/U		T73 Tempered glass prismatic lens	277	QRSTD	Quartz restrike system with time delay. Operates like QRS, except quartz lamp remains on for two minutes after HID lamp restrikes ⁵
	100M 100W MP100/C/U	Lamp types and maximum wattages are listed for each reflector.				
	<u>6VH Color-corrected metal halide¹</u>					
	50MPC MPC50/C/MED				WLP	Lamp (shipped separately)
	70MPC MPC70/C/MED				LPSP P30	PAR30 spot lamp (shipped separately)
	100MPC MPC100/C/MED				LPFL P38	PAR38 spot lamp (shipped separately)
	<u>6VH PAR Metal halide</u>				LPFL P30	PAR30 flood lamp (shipped separately)
	70M PAR38				LPFL P38	PAR38 flood lamp (shipped separately)
	100M PAR38				LPWFL P38	PAR38 wide flood lamp (shipped separately)
	<u>6VH PAR Ceramic metal halide</u>					
	70MHC 70W PAR30 or PAR38					
	100MHC 100W PAR38					

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



- Notes**
- 1 Ceramic arc tube consistent-color lamp. Philips MasterColor or GE ConstantColor.
 - 2 White painted flange standards.
 - 3 For additional options, see www.lithonia.com.
 - 4 Not available with QRSTD.
 - 5 Not available with QRS.

6VI

**Intended Use**

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces.

Features

- Recessed frame-in rated NON-IC for new construction or remodel applications
- Approved for all ceiling and wiring types
- Galvanized steel mounting frame with mechanical trim retention (clips) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary

- Frames equipped with galvanized junction box UL Listed for through wire applications
- Maximum 1-1/2" ceiling thickness

- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

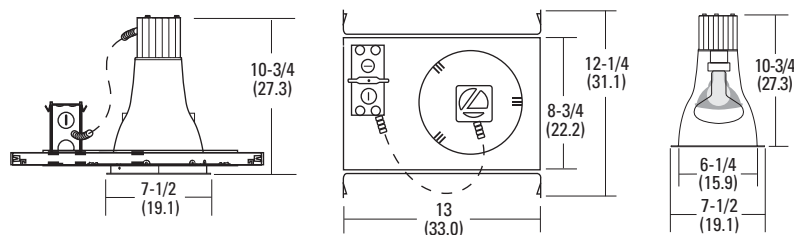
Example: 6VI 609AZ

Series	Reflector/Color	Lens type	Options
6VI	Choose reflector below Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	(blank) Lens CGL Clear glass lens T73 Tempered glass prismatic lens	SDT 277V stepdown transformer (277V or to 120V) TRW White flange with anodized reflectors
Baffle reflector/Color	Open reflector/Color	Wallwash reflector/Color	Wet lens reflector/Color
6B9 Black baffle	609 White open	6W9 White wallwash	6LRF1 White splay, clear lens
6B9W White baffle	609A Clear diffuse open	6W9A Clear diffuse wallwash	6LRFB1 Black baffle, clear lens
	609AZ Clear semi-specular open	6W9AZ Clear semi-specular wallwash	6LR4 White splay, fresnel lens
	609G Gold diffuse open	6W9G Gold diffuse wallwash	6LRB4 Black baffle, fresnel lens
	609GZ Gold semi-specular open	6W9GZ Gold semi-specular wallwash	6LRF73 White splay, tempered prismatic lens
	609PR Pewter diffuse open	6W9PR Pewter diffuse wallwash	6LRFB73 Black baffle, tempered prismatic lens
	609WTZ Wheat semi-specular open	6W9WTZ Wheat semi-specular wallwash	6LRD3 White splay, drop opal lens
			6LRDB3 Black baffle, drop opal lens

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Max. height: 10-3/4 (27.3)
Ceiling opening: 7 (17.8)
Overlap trim: 7-1/2 (19.1)
Length: 13 (33.0)
Width: 12-1/4 (31.1)

8HF 1/TRT

1-Lamp, Triple-Tube (TRT)



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where a baffled fixture is required.

Features

- Galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary
- Frames equipped with galvanized junction box UL Listed for through wire applications

- Maximum 1-1/2" ceiling thickness
- Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control
- Black or white baffled reflectors have a semi-specular upper finish with a white painted flange standard

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: 8HF 1/26-42TRT F8B5 MVOLT

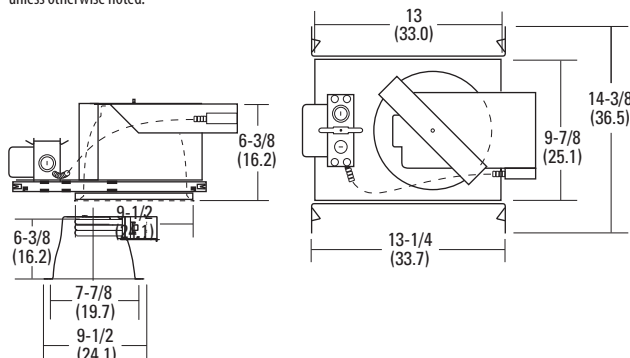
Series	Wattage/Lamp	Reflector/Color	Lens type	Voltage	Options ⁴
8HF	1/18DTT	Choose reflector below.	(blank) No lens	MVOLT ²	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%. Must be wattage and voltage specific.
	1/26DTT	Housing and reflector may be ordered separately.	CGL Clear glass lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%.
	1/18TRT	Lamp types and maximum wattages are listed for each reflector.	T73 Tempered glass prismatic lens	277	EL Emergency PSDL3 DL battery pack with integral test switch ⁵
	1/26-42TRT ¹		PCL Clear polycarbonate lens	347 ³	ELR Emergency PSDL3 DL battery pack with remote test switch ⁵
	1/26TRT				ELHL IOTA I-420-R high lumen output emergency battery pack. Integral test switch provided. Maximum average lumen output 1300 (42W). ⁶
	1/32TRT				ELRHL IOTA I-42-EM-B high lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output (1300 (42w)). ⁶
	1/42TRT				GMF Single slow-blow fuse, must specify voltage
	1/57TRT ²				BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ³
					TRW White flange with anodized reflectors
					WLP 35K lamp (shipped separately)
					RIF1 Radio interference filter

Baffle reflector/Color	Open reflector/Color	Wallwash reflector/Color	Wet lens reflector/Color
F8B5 Black baffle	F801 White open	F8W4 White	F8LS1 White splay, clear lens
F8B5W White baffle	F801A Clear diffuse open	F8W4A Clear diffuse	F8LSB1 Black baffle, clear lens
	F801AZ Clear semi-diffuse open	F8W4AZ Clear semi-diffuse	F8LS4 White splay, fresnel lens
	F801G Gold semi-specular open	F8W4G Gold diffuse	F8LSTB4 Black baffle, fresnel lens
	F801PR Pewter diffuse open	F8W4GZ Gold semi-specular	F8LSB73 White splay, tempered prismatic lens
	F801WTZ Wheat semi-specular open	F8W4PR Pewter diffuse	F8LTFB73 Black baffle, tempered prismatic lens
		F8W4WTZ Wheat semi-specular	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Not available with ECOS or WLP.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, or 50 or 60Hz.
- Not available with EL or ELR.
- For additional options, see www.lithonia.com.
- Ships standard for 1-lamp operation. For 2-lamp emergency operation, consult installation instructions or factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where a baffled fixture is required.

Features

- Galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary
- Frames equipped with galvanized junction box UL Listed for through wire applications

- Maximum 1-1/2" ceiling thickness
- Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control
- Black or white baffled reflectors have a semi-specular upper finish with a white painted flange standard

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

8HF 2/DTT

2-lamp, Double Twin-Tube (DTT)

**ORDERING INFORMATION**

Specifications subject to change.

Example: 8HF 2/26DTT F8B3 MVOLT

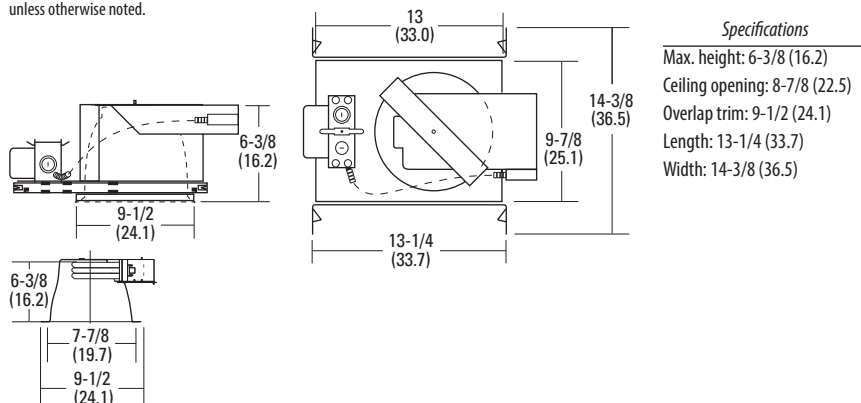
Series	Wattage/Lamp	Reflector/Color	Lens type	Voltage	Options ⁴
8HF	2/13DTT ¹ 2/18DTT 2/26DTT	Choose reflector below. Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	(blank) No lens CGL Clear glass lens T73 Tempered glass prismatic lens PCL Clear polycarbonate lens	MVOLT ² 120 277 347 ³	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%. Must be wattage and voltage specific ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5% EL Emergency PSDL3 DL battery pack with integral test switch ⁵ ELR Emergency PSDL3 DL battery pack with remote test switch ⁵ ELHL2LP IOTA I-162 Emergency battery pack with remote test switch. Operates two 26W CFL lamps in emergency mode with battery back-up in case of power disruption. Average lumen output is 2600 ⁶ GMF Single slow-blow fuse, must specify voltage BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ³ TRW White flange with anodized reflectors WLP 35K lamp (shipped separately) RIF1 Radio interference filter

Baffle reflector/Color	Open reflector/Color	Wallwash reflector/Color	Wet lens reflector/Color
F8B3 Black baffle	F802 White open	F8W1 White	F8LF1 White splay, clear lens
F8B3W White baffle	F802A Clear diffuse open	F8W1A Clear diffuse	F8LFB1 Black baffle, clear lens
	F802A Clear diffuse open	F8W1AZ Clear semi-specular	F8L4 White splay, fresnel lens
	F802G Gold diffuse open	F8W1G Gold diffuse	F8LB4 Black baffle, fresnel lens
	F802G Gold diffuse open	F8W1GZ Gold semi-specular	F8LF73 White splay, tempered prismatic lens
	F802PR Pewter diffuse	F8W1PR Pewter diffuse	F8LFB73 Black baffle, tempered prismatic lens
	F802PR Pewter diffuse open	F8W1WTZ Wheat semi-specular	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not available with ADEZ and ECOS.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- For additional options, see www.lithonia.com.
- Ships standard for 1-lamp operation. For 2-lamp emergency operation, consult installation instructions or factor. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

8HF 2/TRT

2-Lamp, Triple-Tube (DTT)



Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where a baffled fixture is required.

Features

- Galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary
- Frames equipped with galvanized junction box UL Listed for through wire applications

- Maximum 1-1/2" ceiling thickness
- Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control
- Black or white baffled reflectors have a semi-specular upper finish with a white painted flange standard

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: 8HF 2/26-42TRT F803AZ MVOLT

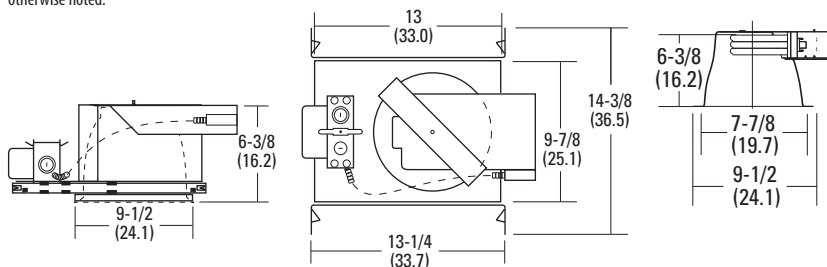
Series	Wattage/Lamp	Reflector/Color	Lens type	Voltage	Options ⁴
8HF	2/26-42TRT ¹	Choose reflector below.	(blank) No lens	MVOLT ²	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%. Must be wattage and voltage specific.
	2/26TRT	Housing and reflector may be ordered separately.	CGL Clear glass lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%.
	2/32TRT	Lamp types and maximum wattages are listed for each reflector.	T73 Tempered glass prismatic lens	277	EL Emergency PSDL3 DL battery pack with integral test switch ⁵
	2/42TRT		PCL Clear polycarbonate lens	347 ³	ELR Emergency PSDL3 DL battery pack with remote test switch ⁵
					ELRHL2LP IOTA I-162 emergency battery pack with remote test switch. Operates two 26W, two 32W or two 42W CFL lamps in emergency mode with battery back-up in case of power disruption. Average output is 2,600 lumens for two 26W lamps; 2,750 lumens for two 32W lamps and 2,800 lumens for two 42W lamps. ⁶
					GMF Single slow-blow fuse, must specify voltage
					BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ³
					TRW White flange with anodized reflectors
					WLP 35K lamp (shipped separately)
					RIF1 Radio interference filter

Baffle reflector/Color	Open reflector/Color	Wallwash reflector/Color	Wet lens reflector/Color
F8B4 Black baffle	F803 White open	F8W3 White	F8LT1 White splay, clear lens
F8B4W White baffle	F803A Clear diffuse open	F8W3A Clear diffuse	F8LTB1 Black baffle, clear lens
	F803AZ Clear semi-diffuse open	F8W3AZ Clear semi-diffuse	F8LT4 White splay, fresnel lens
	F803GZ Gold semi-specular open	F8W3G Gold diffuse	F8LTB4 Black baffle, fresnel lens
	F803PR Pewter diffuse open	F8W3GZ Gold semi-specular	F8LT73 White splay, tempered prismatic lens
	F803WTZ Wheat semi-specular open	F8W3PR Pewter diffuse	F8LTFB73 Black baffle, tempered prismatic lens
		F8W3WTZ Wheat semi-specular	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Max. height: 6-3/8 (16.2)
 Ceiling opening: 8-7/8 (22.5)
 Overlap trim: 9-1/2 (24.1)
 Length: 13-1/4 (33.7)
 Width: 14-3/8 (36.5)

Notes

- Not available with ECOS or WLP.
- Electronic multi-volt ballast capable of operating any line voltage from 120V-277V, 50 or 60Hz.
- Not available with EL or ELR.
- For additional options see www.lithonia.com.
- Ships standard for 1-lamp operation. For 2-lamp emergency operation, consult installation instructions or factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

Intended Use

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where open reflectors are required.

Features

- Recessed frame-in rated NON-IC for new construction or remodel applications
- Approved for all ceiling and wiring types
- Galvanized steel mounting frame with mechanical trim retention (clips) ensures secure and flush reflector mounting to ceiling

- Mounting frame has cutout section for remodel applications when installation from below is necessary
- Frames equipped with galvanized junction box UL Listed for through wire applications
- Maximum 1-1/2" ceiling thickness
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

8VF

1-Lamp, Double Twin-Tube (DTT)

1-Lamp, Triple-Tube (TRT)

**Example: 8VF 26-42TRT 8B3 MVOLT****ORDERING INFORMATION**

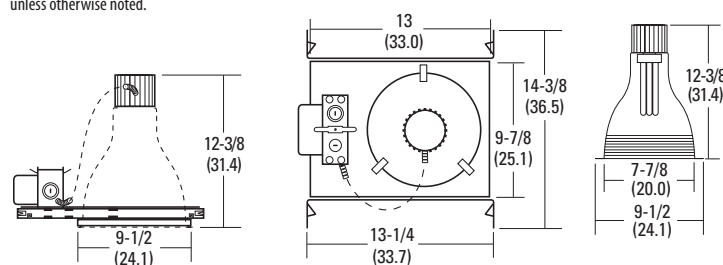
Specifications subject to change.

Series	Wattage/Lamp	Reflector/Color	Lens type	Voltage	Options ⁵
8VF	18DTT	Choose reflector below.	(blank) No lens	MVOLT ³	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%. Must be wattage and voltage specific.
	26DTT	Housing and reflector may be ordered separately.	CGL Clear glass lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%.
	18TRT	Lamp types and maximum wattages are listed for each reflector	T73 Tempered glass prismatic lens	277	EL Emergency PSDL3 DL battery pack with integral test switch ⁶
	26-42TRT ¹		PCL Clear polycarbonate lens	347 ⁴	ELR Emergency PSDL3 DL battery pack with remote test switch ⁶
	26TRT				ELHL IOTA I-420-R high lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output 1300 (42W). ⁷
	32TRT				ELRHL IOTA I-420-EM-B high lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output 1300 (42w). ⁷
	42TRT				GMF Single slow-blow fuse, must specify voltage
	57TRT ²				BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ³
					WLP 35K lamp (shipped separately)
					TRW White flange anodized reflectors
					RIF1 Radio interference filter

Baffle reflector/Color	Open reflector/Color	Wallwash reflector/Color	Wet lens reflector/Color
8B3 Black baffle	802 White open	F8W4 White	F8LS1 White splay, clear lens
8B3W White baffle	802A Clear diffuse open	F8W4A Clear diffuse	F8LSB1 Black baffle, clear lens
	802AZ Clear semi-diffuse open	F8W4AZ Clear semi-diffuse	F8LS4 White splay, fresnel lens
	802G Gold diffuse open	F8W4G Gold diffuse	F8LSTB4 Black baffle, fresnel lens
	802GZ Gold semi-diffuse	F8W4GZ Gold semi-specular	F8LSB73 White splay, tempered prismatic lens
	802PR Pewter diffuse open	F8W4PR Pewter diffuse	F8LTFB73 Black baffle, tempered prismatic lens
	802WTZ Wheat semi-specular open	F8W4WTZ Wheat semi-specular	

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Max. height: 12-3/8 (31.4)
 Ceiling opening: 8-7/8 (22.5)
 Overlap trim: 9-1/2 (24.1)
 Length: 13-1/4 (33.7)
 Width: 14-3/8 (36.5)

Notes

- 1 Not available with ECOS or WLP.
- 2 Electronic multi-volt ballast capable of operating any line voltage from 120V-277V, 50 or 60Hz.
- 3 Not available with EL or ELR.
- 4 For additional options see www.lithonia.com.
- 5 Ships standard for 1-lamp operation. For 2-lamp emergency operation, consult installation instructions or factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- 6 Not recommended for field installation.

8VH / 8VH PAR



Intended Use

Ideal for a wide variety of low- to medium- height ceiling applications including commercial, retail and hospitality spaces.

Features

- Recessed frame-in rated NON-IC for new construction or remodel applications
- Approved for all ceiling and wiring types
- Galvanized steel mounting frame with mechanical trim retention (clips) ensures secure and flush reflector mounting to ceiling
- Mounting frame has cutout section for remodel applications when installation from below is necessary

- Frames equipped with galvanized junction box UL Listed for through wire applications
- Maximum 1-1/2" ceiling thickness
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: 8VH 100M 802A 120/277

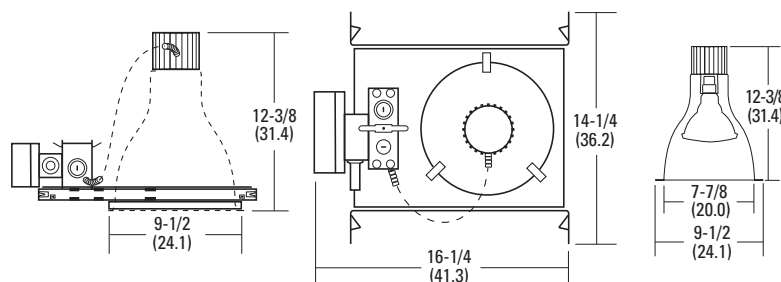
Series	Wattage/Lamp	Reflector/Color	Lens type	Voltage
8VH / 8VH Par	8VH Protected metal halide - Title 20	Choose reflector below. Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	(blank) No lens	120/277
	50M 50W MP50/C/U		CGL Clear glass lens	120
	70M 70W/MP70/C/U		T73 Tempered glass prismatic lens	277
	100M MPC MPC100/C/MED			347 ²
	8VH Color-corrected metal halide ¹			
	50MPC MPC50/C/MED			
	70MPC MPC70/C/MED			
	100MPC MPC100/C/MED			
	8VH PAR Metal halide			
	70MHC 70W PAR30 or PAR38			
	100MHC 100W PAR38			

Options ³	Baffle reflector/ Color	Open reflector/Color	Wallwash reflector/ Color	Wet lens reflector/ Color
SF Single fuse, must specify voltage	8B3 Black baffle 8B3W White baffle	802 White open 802A Clear diffuse open 802AZ Clear semi-specular open 802G Gold diffuse open 802GZ Gold semi-specular open 802PR Pewter diffuse open 802WTZ Wheat semi-specular	8W1 White wallwash 8W1A Clear diffuse wallwash 8W1AZ Clear semi-specular wallwash 8W1G Gold diffuse wallwash 8W1GZ Gold semi-specular wallwash 8W1PR Pewter diffuse wallwash 8W1WTZ Wheat semi-specular wallwash	8LF1 White splay, clear lens 8LFB1 Black baffle, clear lens 8L4 White splay, fresnel lens 8LB4 Black baffle, fresnel lens 8LF73 White splay, tempered prismatic lens 8LFB73 Black baffle, tempered prismatic lens
QRS Quartz restrike system (uses maximum 100W DC - base quartz lamp) ⁴				
QRSTD Quartz restrike system with time delay. Operates like QRS, except quartz lamp remains on for two minutes after HID lamp restrikes ⁵				
WLP Lamp (shipped separately)				
TRW White flange with anodized reflectors				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Max. height: 12-3/8 (31.4)
Ceiling opening: 8-7/8 (22.5)
Overlap trim: 9-1/2 (24.1)
Length: 16-1/4 (41.3)
Width: 14-1/4 (36.2)

Notes

- 1 Ceramic arc tube consistend-color lamp. Phillips MasterColor or GE ConstantColor.
- 2 347V ballast only available with encased and posted electro-magnetic ballast.
- 3 For additional options, see www.lithonia.com.
- 4 Not available with QRSTD.
- 5 Not available with QRS.

8VI

**Intended Use**

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces.

Features

- Recessed frame-in rated NON-IC for new construction or remodel applications
- Approved for all ceiling and wiring types
- Galvanized steel mounting frame with mechanical trim retention (clips) ensures secure and flush reflector mounting to ceiling

- Mounting frame has cutout section for remodel applications when installation from below is necessary
- Frames equipped with galvanized junction box UL Listed for through wire applications
- Maximum 1-1/2" ceiling thickness
- Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life

Listings

Fixtures are UL Listed for through-branch wiring, NON-IC recessed mounting, damp location, and to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: 8VI 802AZ

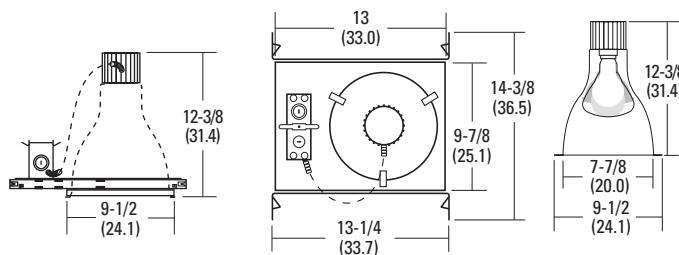
Series	Reflector/Color	Lens type		Options	
8VI	Choose reflector below Housing and reflector may be ordered separately. Lamp types and maximum wattages are listed for each reflector.	(blank)	No lens	SDT	277V stepdown transformer (277V or to 120V)
		CGL	Clear glass lens	TRW	White flange with anodized reflectors
		T73	Tempered glass prismatic lens		

Baffle reflector/Color	Open reflector/Color	Wallwash reflector/Color	Wet lens reflector/Color
8B3 Black baffle	802 White open	8W1 White	8LF1 White splay, clear lens
8B3W White baffle	802A Clear diffuse open	8W1A Clear diffuse	8LFB1 Black baffle, clear lens
	802AZ Clear semi-specular open	8W1AZ Clear semi-specular	8L4 White splay, fresnel lens
	802G Gold diffuse open	8W1G Gold diffuse	8LB4 Black baffle, fresnel lens
	802GZ Gold semi-specular open	8W1GZ Gold semi-specular	8L73 White splay, tempered prismatic lens
	802PR Pewter diffuse open	8W1PR Pewter diffuse	8LB73 Black baffle, tempered prismatic lens
	802WTZ Wheat semi-specular open	8W1WTZ Wheat semi-specular	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Max. height: 12-3/8 (31.4)
Ceiling opening: 8-7/8 (22.5)
Overlap trim: 9-1/2 (24.1)
Length: 13-1/4 (33.7)
Width: 14-3/8 (36.5)

Ballast/Transformer

ADALI	Advance® ROVR™ electronic controllable ballast utilizing digital addressable lighting interface (DALI) protocol. Requires four-pin lamp (120V or 277V only.)
ADCF	Advance electronic fluorescent ballast. Requires four-pin lamp (120V or 277V only.)
ADEZ	Advance Mark X® electronic line voltage control dimming ballast. (120V or 277V; 18DTT, 26DTT, 18TRT, 26TRT, 32TRT, 42TRT or 57TRT only.) Requires four-pin lamp. Minimum dimming level 5%.
ADZT	Advance Mark VII® electronic 0-10 VDC dimming ballast. (120V or 277V.) Requires four-pin lamp. Minimum dimming level 5%.
ECOS	Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%.
OSCF	OSRAM SYLVANIA™ electronic fluorescent ballast. Requires four-pin lamp.
TUBCF	Universal Lighting Technologies™ electronic ballast. Requires four-pin lamp.
SDT	Stepdown transformer (277V to 120V; 300W max).
RIF1	Radio interference filter. Inductive capacitor circuit designed to minimize interference from feedback into line. (120V through 347V, 50 Hz or 60 Hz.)
BDP	Ballast disconnect plug meets codes that require in-fixture disconnect.
DS	Dual switching.
CW20	Cold-weather fluorescent ballast; -20° F starting
DMHL3	Lutron Hi-Lume® electronic 3-wire line voltage control dimming ballast. (120V or 277V; 26TRT or 32TRT only.) Minimum dimming level 1%.
2W5	Lutron Tu-Wire® electronic dimming ballast.
NEPP	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01. Not available with 347V.

Emergency

EL	Emergency battery pack with integral test switch. Ships standard for one-lamp operation. For two-lamp emergency operation, consult installation instructions or factory.
ELR	Emergency battery pack with remote test switch. Ships standard for one-lamp operation. For two-lamp emergency operation, consult installation instructions or factory.
ELHL	IOTA I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W).
ELRHL	IOTA I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W).
ELRHL2LP	Emergency battery pack with remote test switch. Operates two 26W or two 42W CFL lamps in emergency mode with battery back-up in case of power disruption. Average output is 2,600 lumens for two 26W lamps; average output is 2,800 lumens for two 42W lamps.
ELRSD	Emergency battery pack with remote test switch and self-diagnostics module. Operates one lamp in emergency mode with battery back-up in case of power disruption. Self-diagnostic module evaluates AC to DC transfer, charging and battery condition for five minutes every 30 days and 30 minutes every six months.
BGTD	Bodine GTD™ generator transfer device. Factory installed on fixture; senses loss of normal power and switches to auxiliary generator to power fixture for egress lighting.

Fusing

GMF	Single, slow-blow fuse. (120V, 277V or 347V only.) For use with fluorescent fixtures only.
GLR	Single, fast-blow fuse. Fluorescent only.
SF	Single fuse. (120V, 277V or 347V only.)

Trim

TRW	White painted flange.
TRBL	Black painted flange.

Lamp

WLP	Lamp (shipped separately).
LPSP	Spot lamp (shipped separately).
LPFL	Flood lamp (shipped separately).

Miscellaneous

CP	Chicago plenum.
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Accessories

CTE6	Use when ceiling thickness is greater than 1"–1-1/2". Maximum thickness 2". For use with 6" vertical reflectors only.
CTE8	Use when ceiling thickness is greater than 1"–1-1/2". Maximum thickness 2". For use with 8" vertical reflectors only.
SCA	Sloped ceiling adapter. Compatible with 8" and 6" commercial fixtures. Available in 5° increments, 10° to 30°. White only. See chart for fixture compatibility. Ex: SCA6 15D
CTR6	8-3/4" O.D. Use with F6 and 6 Series trims. Compatible with all 7-5/8" flanged trims only.

OPTIONS COMPATIBILITY													
<div><div></div> Available</div> <div>(blank) Not available</div>		RT5D	LF8N/8HF 1/TRT	LF8N /8HF 2/TRT	LF8N/8HF 2/DTT	LP8FN/8VF	LF6N /6HF 1/TRT	LF6N/6HF 2/DTT	LP6FN/6VF	LP8HN/8VH	LP6HN/6VH	LP8N/8VI	LP6N/6VI
Options - Must be ordered with housing or frame-in.													
BALLAST/ TRANSFORMER	ADALI												
	ADCF												
	ADEZ												
	ADZT												
	ECOS												
	OSCF												
	TUBCF												
	SDT												
	RIF1												
	BDP												
	DS												
	CW20												
	DMHL3												
	2WS												
	NEPP												
EMERGENCY	EL												
	ELR												
	ELHL												
	ELRHL												
	ELRHL2LP												
	ELRSD												
	BGTD												
FUSING	GMF												
	GLR												
	SF												
TRIM	TRW												
	TRBL												
LAMP	WLP												
	LPSP												
	LPFL												
MISCELLANEOUS	CP												
Accessories - Must be ordered separately.													
CEILING THICKNESS EXTENDER	CTE6												
	CTE8												
SLOPED CEILING ADAPTOR	SCA6												
	SCA8												
OVERSIZED TRIM RING	CTR6												



LITHONIA LIGHTING® RESIDENTIAL DOWNLIGHTING

Lithonia Lighting offers a complete line of residential downlighting products to meet the varying needs of our customers. The residential recessed line offers products with 4", 5" and 6" apertures with LED, incandescent, low voltage and compact fluorescent sources.

Our housings and LED modules are designed to provide the easiest installation in the industry for new construction and retrofit applications at an economical price. The full reflector design of our trims maximizes lamp position and provides an exceptional overall appearance.



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LITHONIA LIGHTING LED

Lithonia Lighting® is not only leading, but driving the change in the lighting industry today. Our LED downlights reflect innovative concepts that stir the imagination while satisfying the needs of the marketplace for practical, reliable solutions.



Our comprehensive portfolio of LED downlighting fixtures expands the possibilities of what you can achieve. By design, each Lithonia Lighting LED luminaire delivers high performance, critical energy savings, reduced labor requirements and a better quality of light. Our solid-state technologies also support sustainability initiatives and offer more control than ever before.


As North America's leading lighting equipment manufacturer, Lithonia Lighting has successfully advanced LED technology. We integrated our LED luminaires with robust digital controls to create smart and simple lighting solutions.

Compare Lamp Life, Energy Savings & Brightness




Fluorescent

One Lamp 6"



Double Twin Tube	Lamp Wattage	Typical Luminaire Delivered Lumens ¹	LL Downlighting LED Solution
	26W	990	P Series 6" HL 1000L
	18W	690	P Series 4", 5" and 6" & LED Gimbals 5" and 6"
	13W	500	LED Gimbals 4"

One Lamp 6"


Triple Tube	Lamp Wattage	Typical Luminaire Delivered Lumens ¹	LL Downlighting LED Solution
	26W	990	P Series 6" HL 1000L
	18W	660	P Series 4", 5" and 6" & LED Gimbals 5" and 6"
	13W	500	LED Gimbals 4"

Incandescent

Incandescent



Lamps	Lamp Wattage	Typical Luminaire Delivered Lumens ²	LL Downlighting LED Solution
	A-Lamp	100W	P Series 6" HL 1000L
	Std Frost	60W	LED Gimbals 4"
	BR30	65W	P Series 4", 5" and 6" & LED Gimbals 5" and 6"

Two Lamp 6"

Double Twin Tube	Lamp Wattage	Typical Luminaire Delivered Lumens ¹	LL Downlighting LED Solution
	(2) DTTs	13W	1000
			P Series 6" HL 1000L

Halogen PARs

Halogen

Lamps	Lamp Wattage	Typical Luminaire Delivered Lumens ³	LL Downlighting LED Solution
	PAR38	70W	P Series 6" HL 1000L
		60W	P Series 6" HL 1000L
		50W	P Series 4", 5" and 6" & LED Gimbals 5" and 6"
	PAR30	50W	P Series 4", 5" and 6" & LED Gimbals 5" and 6"
		45W	LED Gimbals 4"

Notes

- 1 CFL downlights have efficiency range of 45%-75%. A 0.55 multiplier was used representing the average.
- 2 Incandescent downlights have efficiency range of 62%-68%. A 0.65 multiplier was used representing the average for A-lamp and used a 0.80 multiplier for BR30.
- 3 Halogen PAR downlights have efficiency range of 70%-95%. A 0.85 multiplier was used representing the average.

Intended Use

P Series 4" LED modules are used to light large areas evenly with normal ceiling heights in cost sensitive applications. These modules are the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Retrofits into most existing recessed downlighting installations or new construction applications.

Features

- Ideal replacement for 65W BR30 incandescent lamp
- Matte white aluminum spun reflector with deep baffle configuration for reduced glare
- Provides instant-on and Center 2 Edge™ dimming like traditional sources; dimming down to 10%



- Features Zero Inrush allowing power loads to be calculated with actual rated wattages (patent pending)
- Friction clip mounting allowing LED modules to retrofit into existing 4" housings with E26 adaptor and splice kit included for easy installation
- Use with L3LED T24 new construction or L3RLED T24 remodel air-tight LED housings

Listings

CSA Certified to U.S. and Canadian safety standards. ENERGY STAR® qualified; California T24 compliant; and Certified ASTM E283 Air-Tight Housings. Wet location listed for indoor use only.

4" BAFFLE

LED Module

**ORDERING INFORMATION**

Specifications subject to change.

Example: 4BPMW LED L3LED T24

Series/reflector	Finish	Lamp/lumens	Color temperature	Voltage	Options ¹ (see page 470 for housing specifications)
4BP 4" baffle LED module	MW Matte white	LED 620 lumens	(blank) 3000K	(blank) 120V	L3LED T24 New construction rough-in LED base ² L3RLED T24 Remodel rough-in LED base ² L3 New construction rough-in ³ L3R Remodel rough-in ³

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**Notes**

1 See page 470 for housing specifications.

2 LED module ships less E26 adaptor and hardware kit.

3 Must be ordered on a separate line.

PRODUCT INFORMATION

4" LED Gimbal Series

Intended Use

The adjustable 4" LED Gimbal downlighting modules are intended for sloped ceiling applications, grazing textured surfaces, wall washing, and highlighting artwork or other architectural features. Retrofits into most existing recessed downlighting installations or new construction applications.

Features

- Ideal replacement for 50W incandescent general purpose flood lamp
- Spun steel gimbal reflectors with 180° of rotation and at least 35° of adjustable tilt in both directions



- Dims like traditional sources; dimming down to 10%
- Friction clip mounting allowing LED modules to retrofit into existing 4" housings with E26 adaptor and splice kit included for easy installation
- Use with L3LED T24 new construction or L3RLED T24 remodel air-tight LED housings

Listings

CSA Certified to U.S. and Canadian safety standards. ENERGY STAR® qualified; California T24 compliant; and Certified ASTM E283 Air-Tight Housings. Damp location rated.

4" GIMBAL

LED Module

**ORDERING INFORMATION**

Specifications subject to change.

Example: 4G1MW LED L3LED T24

Series/reflector	Finish	Lamp/lumens	Color temperature	Voltage	Options ¹ (see page 470 for housing specifications)
4G1 4" gimbal LED module	MW Matte white MB Matte black ORB Oil-rubbed bronze BN Brushed nickel	LED 435 lumens	(blank) 3000K	(blank) 120V	L3LED T24 New construction rough-in LED base ² L3RLED T24 Remodel rough-in LED base ² L3 New construction rough-in ³ L3R Remodel rough-in ³

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**Notes**

1 See page 470 for housing specifications.

2 LED module ships less E26 adaptor and hardware kit.

3 Must be ordered on a separate line.

5" BAFFLE

LED Module



Intended Use

P Series 5" LED modules are used to light large areas evenly with normal ceiling heights in cost sensitive applications. These modules are the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Retrofits into most existing recessed downlighting installations or new construction and remodel applications.

Features

- Ideal replacement for 65W BR30 incandescent lamp
- Matte white aluminum spun reflector with deep baffle configuration for reduced glare
- Provides instant-on and Center 2 Edge™ dimming like traditional sources; dimming down to 10%

- Features Zero Inrush allowing power loads to be calculated with actual rated wattages (patent pending)
- Universal fit - friction clip or torsion - mounting allowing LED modules to retrofit into existing 5" housings with E26 adaptor and splice kit included for easy installation
- Use with L5LED T24 new construction or L5RLED T24 remodel air-tight LED housings

Listings

CSA Certified to U.S. and Canadian safety standards. ENERGY STAR® qualified; California T24 compliant; and Certified ASTM E283 Air-Tight Housings. Wet location listed for indoor use only.



ORDERING INFORMATION

Specifications subject to change.

Example: 5BPMW LED L5LED T24

Series/reflector	Finish	Lamp/lumens	Color temperature	Voltage	Options ¹ (see page 471 for housing specifications)	Accessories: Order as separate catalog number
SBP 5" baffle LED module	MW Matte white	LED 620 lumens	(blank) 3000K	(blank) 120V	L5LED T24 New construction rough-in LED base ² L5RLED T24 Remodel rough-in LED base ² L5 New construction rough-in ³ L5R Remodel rough-in ³	TSA5 Makes non-bracket housing compatible with the LED module; ships as unit, J6 or J25

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

1 See page 471 for housing specifications.

2 LED module ships less E26 adaptor and hardwire kit.

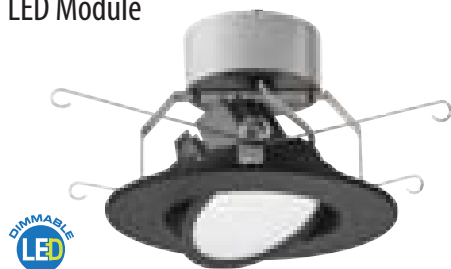
3 Must be ordered on a separate line.

PRODUCT INFORMATION

5" LED Gimbal Series

5" GIMBAL

LED Module



Intended Use

The adjustable 5" LED Gimbal downlighting modules are intended for sloped ceiling applications, grazing textured surfaces, wall washing, and highlighting artwork or other architectural features. Retrofits into most existing recessed downlighting installations or new construction applications.

Features

- Ideal replacement for 65W BR30 incandescent general purpose flood lamp
- Spun steel gimbal reflectors with 180° of rotation and at least 35° of adjustable tilt in both directions

- Dims like traditional sources; dimming down to 10%
- Friction clip mounting allowing LED modules to retrofit into existing 5" housings with E26 adaptor and splice kit included for easy installation
- Use with L5LED T24 new construction or L5RLED T24 remodel air-tight LED housings

Listings

CSA Certified to U.S. and Canadian safety standards. ENERGY STAR® qualified; California T24 compliant; and Certified ASTM E283 Air-Tight Housings.



ORDERING INFORMATION

Specifications subject to change.

Example: 5G1BN LED L5LED T24

Series/reflector	Finish	Lamp/lumens	Color temperature	Voltage	Options ¹ (see page 471 for housing specifications)	Accessories: Order as separate catalog number
5G1 5" gimbal LED module	MW Matte white MB Matte black ORB Oil-rubbed bronze BN Brushed nickel	LED 600 lumens	(blank) 3000K	(blank) 120V	L5LED T24 New construction rough-in LED base ² L5RLED T24 Remodel rough-in LED base ² L5 New construction rough-in ³ L5R Remodel rough-in ³	TSA5 Makes non-bracket housing compatible with the LED module; ships as unit, J6 or J25

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

1 See page 471 for housing specifications.

2 LED module ships less E26 adaptor and hardwire kit.

3 Must be ordered on a separate line.

Intended Use

P Series 6" LED modules are used to light large areas evenly with normal ceiling heights in cost sensitive applications. These modules are the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Retrofits into most existing recessed downlighting installations or new construction applications.

Features

- Matte white aluminum die-cast reflector with deep baffle configuration for reduced glare
- Provides instant-on and Center 2 Edge™ dimming like traditional sources; dimming down to 10%



- Features Zero Inrush allowing power loads to be calculated with actual rated wattages (patent pending)
- Universal fit - friction clip or torsion - mounting allowing LED modules to retrofit into existing 6" housings with E26 adaptor and splice kit included for easy installation
- Use with L7XLED T24 and LC6LED T24 new construction or L7XRLED T24 remodel air-tight LED housings

Listings

CSA Certified to U.S. and Canadian safety standards. ENERGY STAR® qualified; California T24 compliant; and Certified ASTM E283 Air-Tight Housings. Wet location listed for indoor use only.

6" BAFFLE

LED Module

**ORDERING INFORMATION**

Specifications subject to change.

Example: 6BPMW LED L7XLED T24

Series/reflector		Finish		Lamp/lumens		Color temperature		Voltage		Options¹ (see page 472-475 for housing specifications)				Accessories: Order as separate catalog number	
6BP	6" baffle LED module	MW	Matte white	LED	620 lumens	(blank)	3000K	(blank)	120V	L7XLED T24	New construction rough-in LED base²	LC6	New construction rough-in³	TSA6	Makes non-bracket housing compatible with the LED module; ships as unit, J6 or J25
				HL LED	950 lumens					L7XRLED T24	Remodel rough-in LED base²	LCP	New construction rough-in³	FL2LED	Makes L7XF housings compatible with the LED module
										LC6LED T24	New construction rough-in LED base²	L7XP	New construction shallow rough-in³		
										L7X	New construction rough-in³	L7XPR	Remodel shallow rough-in³		
										L7XR	Remodel rough-in³				
ADDITIONAL INFORMATION		For additional product information, visit www.lithonia.com													

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com**Notes**

- 1 See page 472-475 for housing specifications. 2 LED module ships less E26 adaptor and hardware kit. 3 Must be ordered on a separate line.

PRODUCT INFORMATION

6" LED Gimbal Series

Intended Use

The adjustable 6" LED Gimbal downlighting modules are intended for sloped ceiling applications, grazing textured surfaces, wall washing, and highlighting artwork or other architectural features. Retrofits into most existing recessed downlighting installations or new construction and remodel applications.

Features

- Ideal replacement for 65W BR30 incandescent general purpose flood lamp



- Spun steel gimbal reflectors with 180° of rotation and at least 35° of adjustable tilt in both directions
- Dims like traditional sources; dimming down to 10%
- Torsion spring mounting allowing LED modules to retrofit into existing 6" housings with E26 adaptor and splice kit included for easy installation
- Use with L7XLED T24 and LC6LED T24 new construction or L7XRLED T24 remodel air-tight LED housings

Listings

CSA Certified to U.S. and Canadian safety standards. ENERGY STAR® qualified; California T24 compliant; and Certified ASTM E283 Air-Tight Housings. Damp location rated.

6" GIMBAL

LED Module

**ORDERING INFORMATION**

Specifications subject to change.

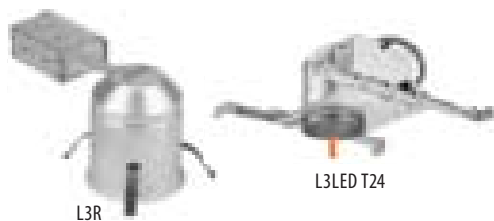
Example: 6G1BN LED L7XLED T24

Series/reflector				Finish		Lamp/lumens		Color temperature		Voltage		Options ¹ (see page 472-475 for housing specifications)				Accessories: Order as separate catalog number	
6G1	6" gimbal LED module	MW	Matte white	LED	620 lumens	(blank)	3000K	(blank)	120V	L7XLED T24	New construction rough-in LED base ²	L7X	New construction rough-in ³	TSA6	Makes non-bracket housing compatible with the LED module; ships as unit, J6 or J25		
		MB	Matte black							L7XRLED T24	Remodel rough-in LED base ²	L7XR	Remodel rough-in ³				
		ORB	Oil-rubbed bronze							LC6LED T24	New construction rough-in LED base ²	LC6	New construction rough-in ³				
		BN	Brushed nickel														

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com**Notes**

- 1 See page 472-475 for housing specifications. 2 LED module ships less E26 adaptor and hardware kit. 3 Must be ordered on a separate line.

L3/L3R L3LED T24/ L3RLED T24



L3R

L3LED T24

Intended Use

Recessed incandescent housings for 2x8 and 2x6 new construction (L3 and L3LED T24) or remodel (L3R and L3RLED T24) applications. Approved for direct burial in insulation and all ceiling and wiring types.

Features

- Recessed housing rated IC/NON-IC for new construction or remodel applications
- L3 and L3LED T24: Air-tight, galvanized steel pan with aluminum can and junction box
- L3R and L3RLED T24: Air-tight, aluminum housing with heavy-gauge galvanized steel raceway arm utilizing remodel clips for installation in plaster, sheetrock or mechanical ceilings

- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit
- Suitable for ceilings up to 1 - 1/2" thick
- 120V applications
- Compatible with Acculamp™ LED lamps; see pages 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.

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Example: L3 3B1

ORDERING INFORMATION

Specifications subject to change.

Series	Reflector	Options
L3 New construction rough-in	Choose reflector below. Housing and reflector may be ordered separately.	PHC Poke-home wire connectors
L3R Remodel rough-in		GSKT Foam gasketing aids in air-tight installation
L3LED T24 New construction rough-in LED base (see p. 467 for 4" LED module options)		
L3RLED T24 Remodel rough-in LED base (see p. 467 for 4" LED module options)		

IC/NON-IC Rated Full Reflectors: All reflectors are damp location listed. WETlite™ is wet location listed. Lamp types and maximum wattages are listed for each reflector. White flange standard, except as noted.

Open narrow flange	Shallow baffle	Deep baffle	Adjustable eyeball
301 White 301MW Matte white 301A Clear diffuse, white plastic flange 301AZ Clear specular, white plastic flange 301A PFMW Clear diffuse, matte white plastic flange 301BN Brushed nickel ¹ 301ORB Oil-rubbed bronze ¹ IC 35 PAR20 30 R30 NON-IC 50 PAR20	3B1 Black, white flange 3B1 TRMW Black, matte white flange 3B1W White 3B1MW Matte white 3B1BN Brushed nickel ¹ 3B1ORB Oil-rubbed bronze ¹ IC 30 R20 35 PAR20 50 R20 (white only) 50 PAR20 (white only) NON-IC 50 PAR20	3B2 Black, white flange 3B2W White, white flange IC 30 R20 (white only) 35 PAR20 (white only) NON-IC 50 PAR20 (black only) 50 R20 (black only)	25° Vertical tilt 3E1 White 3E1MW Matte white 3E1BN Brushed nickel ¹ 3E1ORB Oil-rubbed bronze ¹ IC 50 R20 50 PAR20

Wallwash	Pinhole	WETlite™
3W1 White NON-IC 50 R20 50 PAR20	3S1 White IC 35 PAR20 NON-IC 50 PAR20	3H20 White 3H20MW Matte white 3H20BN Brushed nickel ¹ 3H20ORB Oil-rubbed bronze ¹ IC 75PAR30 (Outdoor rated; lamp included)

ADDITIONAL INFORMATION

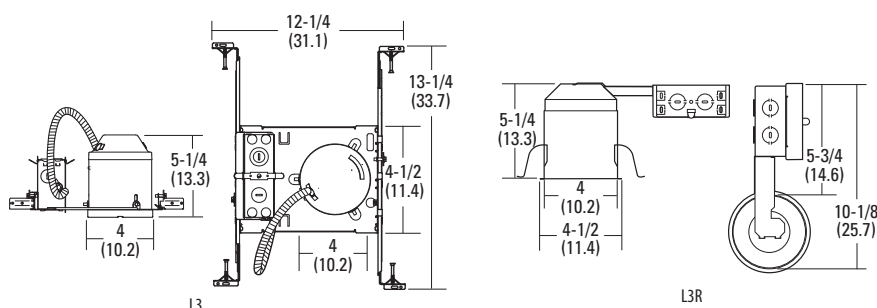
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

CTR3	4" goof ring, white
ATK3	4" air-tight trim kit

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

¹ Flange matches trim finish.
Please consult www.lithonia.com for a full listing of Contractor Select products.

Intended Use

Recessed incandescent housings for 2x8 new construction (L5 and L5LED T24) or remodel (L5R and L5RLED T24) applications. Approved for direct burial in insulation and all ceiling and wiring types.

Features

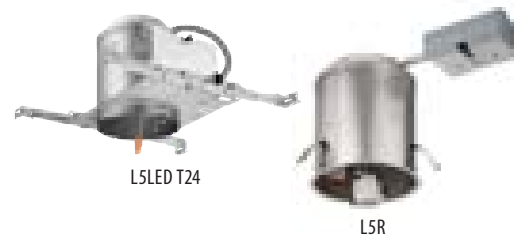
- Recessed housing rated IC for new construction and remodel applications
- L5 and L5LED T24: Air-tight, galvanized steel pan with aluminum can and junction box
- L5R and L5RLED T24: Includes heavy-gauge galvanized steel raceway arm utilizing remodel clips for installation in plaster, sheetrock or mechanical ceilings

- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit
- Suitable for ceilings up to 1-1/2" thick
- 120V applications
- Compatible with Acculamp™ LED lamps; see pages 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.

L5/L5R L5LED T24/ L5RLED T24



L5LED T24

L5R

CONTRACTOR SELECT Featuring **acculamp**

ORDERING INFORMATION

Specifications subject to change.

Example: L5 5B2W TOR

Series	Reflector	Options
L5 New construction rough-in	Choose reflector below. Torsion springs will be designated with a TOR in the nomenclature. Riveted clips will have no designator. Housing and reflector may be ordered separately.	PHC Poke-home wire connectors
L5R Remodel rough-in		GSKT Foam gasketing aids in air-tight installation
L5LED T24 New construction rough-in LED base (see p. 468 for 5" LED module options)		
L5RLED T24 Remodel rough-in LED base (see p. 468 for 5" LED module options)		

IC Rated Full Reflectors: All reflectors are damp location listed. Lensed and WETlite™ reflectors are wet location listed. These IC trims also can be used in NON-IC applications when using lamps and wattages listed below. White flange standard, except as noted.

Open wide flange	Open narrow flange	Shallow baffle	Deep baffle	Adjustable eyeball
501 White IC 50 R20 65 BR40 75 PAR30	502 TOR White 502MW TOR Matte white 502A Clear diffuse, white plastic flange 502A PFMW Clear diffuse, matte white plastic flange 502AZ Clear specular, white flange 502BN Brushed nickel¹ 502ORB Oil-rubbed bronze¹ IC 50 R20 65 BR40 75 PAR30 (short neck)	5B1 Black, white flange 5B1W White IC 50 R20 50 PAR20 75 PAR30 (short neck)	5B2 TOR Black, white flange 5B2 TRMW TOR Black, matte white flange 5B2W TOR White 5B2MW TOR Matte white 5B2BN TOR Brushed nickel¹ 5B2ORB TOR Oil-rubbed bronze¹ IC 50 R20 65 BR30 50 PAR30 NON-IC 60 PAR38 50 PAR20	25° Vertical tilt 5E1 White 5E1MW Matte white 5E1BN Brushed nickel¹ 5E1ORB Oil-rubbed bronze¹ IC 50 R20 65 BR30 50 PAR20 75 PAR30 (long neck)
Adjustable gimbal	Polycarbonate lens	WETlite™		
5G1TOR White 5G1MW TOR Matte white IC/NON-IC 75 PAR30 (short or long neck)	5LD1 Drop opal IC 40 A19	5H20 TOR White 5H20MW TOR Matte white 5H20BN TOR Brushed nickel¹ 5H20ORB TOR Oil-rubbed bronze¹ IC 75 PAR38 (Outdoor rated; lamp included) 75 PAR30 (Outdoor rated)		

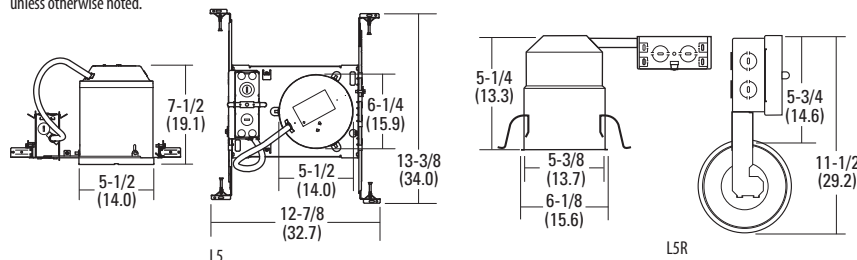
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

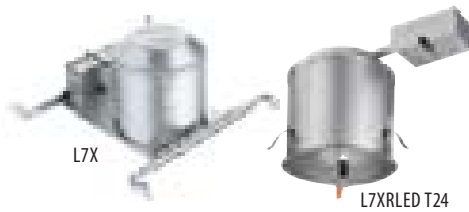
CTR5	5" goof ring, white
ATK5	5" air-tight trim kit

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

¹ Flange matches trim finish.
Please consult www.lithonia.com for a full listing of Contractor Select products.

L7X/L7XR L7XLED T24/ L7XRLED T24



Intended Use

Recessed incandescent housings for 2x8 new construction (L7X and L7XLED T24) or remodel (L7XR and L7XRLED T24) applications. Approved for direct burial in insulation and all ceiling and wiring types.

Features

- Recessed housing rated IC/NON-IC for new construction or remodel applications
- L7X and L7XLED T24: Air-tight, galvanized steel pan with aluminum can and junction box
- L7XR and L7XRLED T24: Air-tight, aluminum housing with heavy-gauge galvanized steel raceway arm utilizing remodel clips for installation in plaster, sheetrock or mechanical ceilings

- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit
- Suitable for ceilings up to 1-1/2" thick
- 120V applications
- Compatible with Acculamp™ LED lamps; see pages 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.

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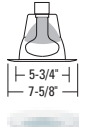



Example: L7X 7B2W TOR










ORDERING INFORMATION

Specifications subject to change.

Series	Reflector	Options
L7X New construction rough-in	Choose reflector below. Torsion springs will be designated with a TOR in the nomenclature. Riveted clips will have no designation. Housing and reflector may be ordered separately. ²	PHC Poke-home wire connectors
L7XR Remodel rough-in		GSKT Foam gasketing aids in airtight installation
L7XLED T24 New construction rough-in LED base (see p. 469 for 6" LED module options)		
L7XRLED T24 Remodel rough-in LED base (see p. 469 for 6" LED module options)		

IC/NON-IC Rated Full Reflectors: All reflectors are damp location listed. Lensed reflectors are wet location listed. Lamp type and maximum wattages are listed for each trim. White flange standard, except as noted.

Open wide flange	Open narrow flange	Open deep narrow flange	Open top shallow wide flange - economy	Baffle narrow flange	Baffle deep narrow flange
703 TOR White 	702 TOR White 702 PF White, white plastic flange 702MW TOR Matte white 702BN TOR Brushed nickel ¹ 702ORB TOR Oil-rubbed bronze ¹ 702A R24 Clear diffuse, white plastic flange 702AZ Clear specular, white plastic flange 702A PFMW TOR Clear diffuse, matte white plastic flange	705 White 705 PF White, white plastic flange 705MW TOR Matte white 705A Clear diffuse, white plastic flange 705AZ Clear specular, white plastic flange 	7X1 MW TOR Matte white open top 	7B2 TOR Black, white flange 7B2 TRMW TOR Black, matte white flange 7B2MW TOR Matte white 7B2W TOR White 7B2W PF TOR White, white plastic flange 7B2BN TOR Brushed nickel ¹ 7B2ORB TOR Oil-rubbed bronze ¹	7B5 Black, white flange 7B5 TRMW TOR Black, matte white flange 7B5W PF White, white plastic flange 7B5W White 7B5MW TOR Matte white 
IC 75 PAR30 65 BR30	IC 65 BR30 75 PAR30	NON-IC 120 PAR38 120 BR40	IC 75 PAR30 (short neck) 65 BR30	IC 65 BR30 75 PAR30	NON-IC 120 BR40 120 PAR38

Baffle wide flange	Baffle open top shallow wide flange - economy	Eyelid wallwash	Eyeball	Shielded wallwash	Shielded pinhole	Polycarbonate lens	WETlite™	Glass lens
7B3 TOR Black, white flange 7B3W TOR White 	7XB1MW TOR Matte white baffle open top 	7W1 White 7W1MW Matte white 	25° Vertical tilt 7E1 TOR White 7E1MW TOR Matte white 7E1BN TOR Brushed nickel ¹ 7E1ORB TOR Oil-rubbed bronze ¹ 	7W1 White 7W1MW Matte white 	CS1 White 	7LD1 Drop opal ¹ 	6H20 TOR White 6H20BN TOR Brushed nickel ¹ 6H20ORB TOR Oil-rubbed bronze ¹ 	6LD3 Drop opal 6LF3 Flat white 6L4 Fresnel 6LDB3 Drop opal baffle 6LFB3 Flat white baffle 6LBA Fresnel baffle 
IC 75 PAR30 65 BR30	IC 75 PAR30 (short neck) 65 BR30	IC 40 A19	IC 65 BR30 75 PAR30	IC 40 A19	IC 40 A19 50 R20 50 PAR20	IC 40 A19	IC 75 PAR30 75 PAR38	IC 75 A19

ADDITIONAL INFORMATION

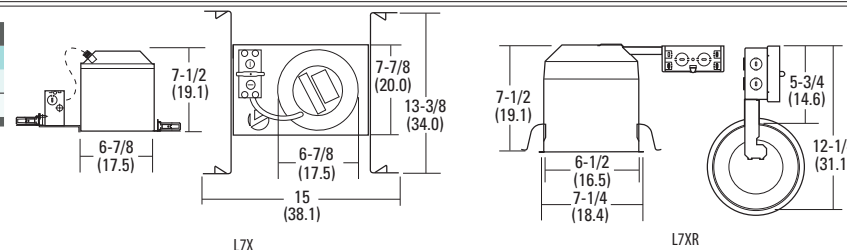
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

CTR6	6" goof ring, white
ATK6	6" air-tight trim kit

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Flange matches trim finish.
 - 6 and C series trims also compatible trim options.
- Please consult www.lithonia.com for a full listing of Contractor Select products.

Intended Use

Recessed incandescent housing for 2x6 new construction (L7XP) or remodel construction (L7XPR). Approved for direct burial in insulation and all ceiling and wiring types.

Features

- L7XP: Air-tight, galvanized steel pan with aluminum can and junction box
- L7XPR: Air-tight aluminum housing with heavy-gauge galvanized steel raceway arm utilizing remodel clips for installation in plaster, sheetrock or mechanical ceilings

- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit
- Suitable for ceilings up to 1-1/2" thick
- 120V applications
- Compatible with Acculamp™ LED lamps; see page 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.

L7XP
L7XPR



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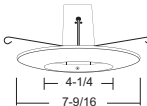
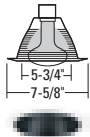
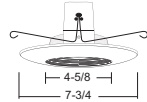
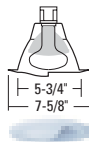
ORDERING INFORMATION

Specifications subject to change.

Example: L7XP 7X1MW TOR

Series	Reflector	Options	
L7XP L7XPR	Choose reflector below. Torsion springs will be designated with a TOR in the nomenclature. Riveted clips will have no designation. Housing and reflector may be ordered separately.	PHC GSKT	Poke-home wire connectors Foam gasketing aids in air-tight installation

IC/NON-IC Rated Full Reflectors: All reflectors are damp location listed. Lensed reflectors are wet location listed. Lamp type and maximum wattages are listed for each trim. White flange standard, except as noted.

Open wide flange		Open top shallow wide flange-economy		Baffle narrow flange		Baffle wide flange		Baffle open top shallow wide flange - economy		Eyelid wallwash		Eyeball	
CO1	White	7X1MW TOR	Matte white open top	7B0W	White	CB1	Black, white flange	7XB1MW TOR	Matte white baffle open top	7W1	White	25° Vertical tilt	
CO1 TOR	White			7B0W TOR	White	CB1 TOR	Black, white flange			7W1MW	Matte white	7E1 TOR	White
CO1BN TOR	Brushed nickel ¹											7E1MW TOR	Matte white
CO1ORB TOR	Oil-rubbed bronze ¹											7E1BN TOR	Brushed nickel ¹
												7E1ORB TOR	Oil-rubbed bronze ¹
IC				IC		IC		IC		IC		IC	
60 A19				75 PAR30 (short neck)		65 BR30		75 PAR30 (short neck)		40 A19		65 BR30	
65 BR30				65 BR30		75 PAR30		65 BR30		75 PAR30		75 PAR30	
75 Par30								65 BR30					

ADDITIONAL INFORMATION

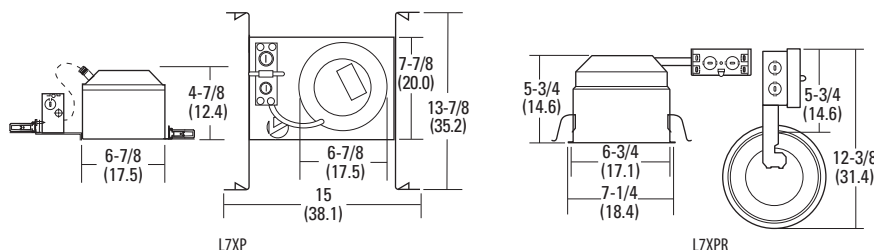
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

CTR6	6" goof ring, white
ATK6	6" air-tight trim kit

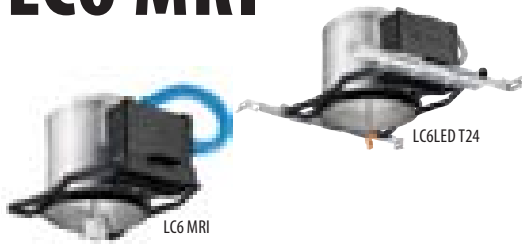
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

1 Flange matches trim finish.
Please consult www.lithonia.com for a full listing of Contractor Select products.

LC6 LC6LED T24 LC6 MRI



Intended Use

Recessed incandescent housing for 2x8 new construction rated IC/NON-IC. LC6 and LC6LED are approved for direct burial in insulation and LC6 MRI is approved for all ceiling types except air-handling plenums and is not for pulling wires.

Features

- Recessed housing rated IC/NON-IC for new construction or remodel applications
- LC6 and LC6LED: Air-tight, aluminum housing with engineering-grade thermoplastic frame, j-box with 4 ROMEX® clamps and ground wire
- LC6 MRI: Airtight, aluminum housing with engineering-grade thermoplastic frame, j-box with 4 ROMEX® clamps and ground wire

- No significant ferrous materials contained in fixture
- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit
- Suitable for ceilings up to 1-1/2" thick
- 120V applications
- Compatible with Acculamp™ LED lamps; see pages 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.

Featuring
acculamp

Example: LC6 MRI 601 TOR

ORDERING INFORMATION

Specifications subject to change.

Series	Reflector
LC6 New construction rough-in	Choose reflector below. Torsion springs will be designated with a TOR in the nomenclature. Riveted clips will have no designation. Housing and reflector may be ordered separately. ¹
LC6LED T24 New construction rough-in LED base (see p. 469 for 6" LED module options)	
LC6 MRI Non-ferrous rough-in	

IC/NON-IC Rated Full Reflectors: All reflectors are damp location listed. Lensed reflectors are wet location listed. Lamp type and maximum wattages are listed for each reflector. White flange standard, except as noted.

Open wide flange	Deep open, narrow flange	Shallow open, narrow flange	Open top shallow flange - economy	Baffle open top shallow wide flange - economy	Baffle wide flange	Baffle narrow flange
601 White 601 TOR White 601BN TOR Brushed nickel ² 601ORB TOR Oil-rubbed bronze ² IC 65 BR30 75 PAR30	602 White 602 TOR White 602AZ TOR Clear diffuse ³ 602AZ TOR Clear specular ³ 602BN TOR Brushed nickel ^{2,3} 602ORB TOR Oil-rubbed bronze ^{2,3} NON-IC 100 A19, 120 BR40 150 PAR38	603AZ Clear specular ³ NON-IC 100 A19 150 PAR38 120 BR40	7X1MW TOR Matte white open top IC 75 PAR30 (short neck) 65 BR30	7XB1MW TOR Matte white baffle open top IC 75 PAR30 (short neck) 65 BR30	6B1 Black, white flange 6B1 TOR Black, white flange 6B1W White 6B1W TOR White 6B1BN TOR Black baffle/brushed nickel flange ² IC 40 A19 65 BR30 75 PAR30	6B2 Black, white flange 6B2W White NON-IC 100 A19 150 PAR38 120 BR40
Baffle narrow flange	Baffle narrow flange	Clear diffused upper reflector, baffle	Clear diffused upper reflector, cone	Eyeball	Adjustable baffle eyeball	Regressed, adjustable eyeball
7B2 TOR Black, white flange 7B2 TRMW TOR Black, matte white flange 7B2W PF TOR White, white plastic flange 7B2MW TOR Matte white 7B2W TOR White 7B2ORB TOR Oil-rubbed bronze ² 7B2BN TOR Brushed nickel ² IC 75 PAR30 65 BR30	6B4 Black, white flange 6B4W White NON-IC 100 A19 120 BR40 150 PAR38	6B3 Black, white flange 6B3W White, white flange NON-IC 100 A19 120 BR40 150 PAR38	6C3AZ Clear specular ³ 6C3BLZ Black specular ³ NON-IC 100 A19 120 BR40 150 PAR38	25° vertical tilt 7E1 TOR White 7E1MW TOR Matte white 7E1ORB TOR Oil-rubbed bronze ² 7E1BN TOR Brushed nickel ² IC 75 PAR30 65 BR30	40° vertical tilt 6E2 White/black baffle IC 65 BR30 75 PAR30	40° vertical tilt 6RE1 White/black baffle trim 6RE1W White/white baffle trim IC 65 BR30 75 PAR30
Regressed, adjustable eyeball	WETlite™	Polycarbonate lens	Glass lens			
40° vertical tilt 6RE2 White with black baffle trim 6RE2W White with white baffle trim IC 65 BR30 75 PAR30	6H2O TOR White ³ 6H2OBN TOR Brushed nickel ^{2,3} 6H2OORB TOR Oil-rubbed bronze ^{2,3} IC 75 PAR30 75 PAR38	6LF1 Flush opal ⁴ 6LF2 Flush prismatic ⁴ 6LD1 Drop opal ⁴ 6LD2 Drop prismatic ⁴ IC 60 A19	6LD3 Drop opal ³ 6LF3 Flat white ³ 6L4 Fresnel ³ IC 75 A19			

ADDITIONAL INFORMATION

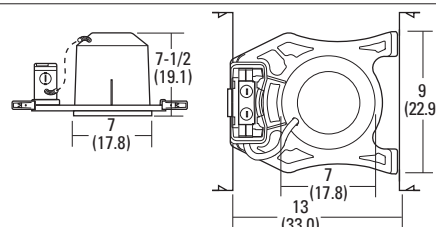
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

CTR6	6" goof ring, white
ATK6	6" air-tight trim kit

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 7 and C series trims also compatible trim options.
- Flange matches trim finish.
- LC6 MRI is not available with Acculamp™.
- For plastic flange, add suffix PF to catalog number. (Example: 6LF1 PF).

Intended Use

Recessed incandescent housings for new construction or remodel applications. LCP is approved for direct burial in insulation and LCP MRI is approved for all ceiling types except air-handling plenums and is not for pulling wires.

Features

- Recessed housing rated IC/NON-IC for new construction or remodel applications
- LCP: Air-tight, aluminum housing with engineering-grade thermoplastic frame, j-box with 4 ROMEX® clamps and ground wire
- LCP MRI: Air-tight, aluminum housing with engineering-grade thermoplastic frame, j-box with 4 ROMEX® clamps and ground wire

- No significant ferrous material contained in fixture
- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit
- Suitable for ceilings up to 1-1/2" thick
- 120V applications
- Compatible with Acculamp™ LED lamps; see pages 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.

LCP LCP MRI



Featuring
acculamp

Example: LCP CB1W TOR

ORDERING INFORMATION

Specifications subject to change.

Series	Reflector
LCP LCP MRI	Choose reflector below. Torsion springs will be designated with a TOR in the nomenclature. Riveted clips will have no designation. Housing and reflector may be ordered separately.

IC Rated Full Reflectors: All reflectors are damp location listed. Lensed trims are wet location listed. These IC reflectors also can be used in NON-IC applications when using lamps and maximum wattages listed below. White flange standard, except as noted.

Open wide flange		Open narrow flange		Open top shallow wide flange - economy		Baffle open top shallow wide flange - economy		Baffle narrow flange		Baffle narrow flange		Adjustable eyeball	
C01	White	C02	White	7X1MW TOR	Matte white open top	7XB1MW TOR	Matte white baffle open top	7BOW	White	CB1	Black, white flange	40° vertical tilt	
C01 TOR	White	C02A	Clear diffuse ^{1,3}					7BOW TOR	White	CB1 TOR	Black, white flange	CE1	White
C01BN TOR	Brushed nickel ^{1,2}	C02AZ	Clear specular ^{1,3}							CB1W	White		
C01ORB TOR	Oil-rubbed bronze ^{1,2}									CB1W TOR	White		
IC 65 BR30 75 PAR30		IC 65 BR30 75 PAR30		IC 75 PAR30 (short neck) 65 BR30		IC 75 PAR30 (short neck) 65 BR30		IC 75 PAR30 65 BR30		IC 65 BR30 75 PAR30		IC 65 BR30 75 PAR30	

Eyeball		Shielded wallwash		Shielded pinhole		Polycarbonate lens		Polycarbonate lens	
25° Vertical tilt		7W1	White	CS1	White ²	CLD1	Drop opal ³	CLF1	
7E1 TOR	White	7W1MW	Matte white					CLF2	Flush opal ³
7E1MW TOR	Matte white								Flush prismatic ³
7E1BN TOR	Brushed nickel ^{1,2}								
7E1ORB TOR	Oil-rubbed bronze ^{1,2}								
IC 65 BR30 75 PAR30		IC 40 A19		IC 40 A19 50 R20 50 PAR20		IC 40 A19		IC 40 A19	

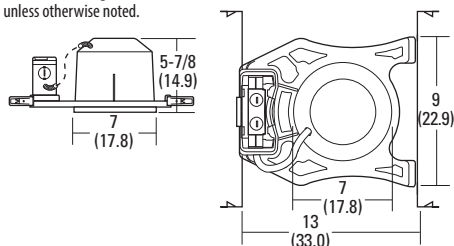
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

CTR6	6" goof ring, white
ATK6	6" air-tight trim kit

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Flange matches trim finish.
- 2 LCP MRI trim is not available with Acculamp™.
- 3 For plastic flange, add suffix PF to catalog number. (Example: CLD1 PF).

PRODUCT INFORMATION

6" IC High-Wattage/Sloped-Ceiling Housings & Trims

LI6 LI6F

**Intended Use**

Recessed incandescent (LI6) or compact fluorescent (LI6F) housing for 2x8 new construction. Approved for direct burial in insulation and all ceiling and wiring types.

Features

- Pre-painted steel housing
- Galvanized steel junction box with four built-in ROMEX® clamps
- Rated for through-branch wiring

- Socket clips to reflector to ensure proper and consistent lamp position
- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit

Listings

UL Listed to U.S. and Canadian safety standards.

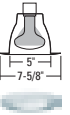





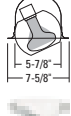
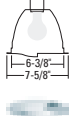
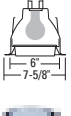
ORDERING INFORMATION

Specifications subject to change.

Example: LI6 602

Series	Lamp type	Reflector	Voltage	Options
LI6		Choose reflector below. Housing and reflector may be ordered separately.		AT Sealed air-tight housing to minimize air flow through housing; complies with WSEC and ASTM E283
LI6F	13DTT/TRT ^{1,2} 18DTT/TRT ^{1,2} 26/32TRT ^{1,2}		MVOLT ¹ 120V ¹ 277V ¹	ADEZ Advance Mark 10™ electronic line voltage control dimming ballast, 120V or 277V; must be wattage and voltage specific; minimum dimming level 5% ¹ GMF Single-fuse, must specify voltage ¹

IC Rated Full Reflectors: All reflectors are damp location listed. These IC reflectors also can be used in NON-IC applications using lamps and maximum wattages listed below. White flange standard.

Open wide flange	Deep open narrow flange	Baffle wide flange	Baffle narrow flange	Sloped baffle
601 White  IC 60 A19 65 BR30 75 PAR30 32TRT	602 White 602A Clear diffuse, white plastic flange 602AZ Clear specular, white plastic flange  IC 60 A19 (white only) 75 A19 90 BR40 100 PAR38 32TRT	6B1 Black, white flange 6B1W White  IC 40 A19 65 BR30 75 PAR30 32TRT	6B4 Black, white flange 6B4W White  IC 75 A19 90 BR40 100 PAR38 32TRT	6SB1 Black baffle, white flange 6SB1W White baffle  IC 65 BR30 75 PAR30 90 BR40 100 PAR38 32TRT
Sloped open	Adjustable eyeball	Eyelid wallwash	Glass lens	
6S01 White  IC 65 BR30 75 PAR30 90 BR40 100 PAR38 32TRT	40° Vertical tilt 6E1 White  IC 65 BR30 75 PAR30	6W1 White  IC 40 A19	6LD3 Drop opal, white splay 6LF3 Flat white, white splay 6L4 Fresnel, white splay  IC 60 A19 26TRT 32TRT (drop lens only)	

ADDITIONAL INFORMATION

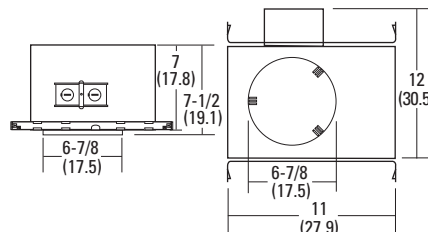
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

CTR6 6" goof ring, white

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available only on LI6F.
- 2 Socket base:
13W four-pin DTT (G24Q-1), TRT (GX24Q-1);
18W four-pin DTT (G24Q-2), TRT (GX24Q-2);
26W four-pin TRT (GX24Q-3).

L7XF MVOLT L7XFR MVOLT



L7XF

L7XFR

Example: : L7XF 18DTT/TRT MVOLT 7W1

Intended Use

Recessed compact fluorescent housing rated IC and NON-IC for new construction (L7XF MVOLT) or remodel (L7XFR MVOLT) applications. Approved for all ceiling and wiring types. Approved for direct burial in insulation.

Features

- Air-tight standard
- Tested to meet current energy codes
- Aluminum housing with galvanized steel pan

- Retaining clips are riveted to top of reflector to hold trim inside housing
- Two side-mounted torsion springs on the trim and two receiving brackets in the can ensure a tight fit
- Suitable for ceilings up to 1-1/2" thick

Listings

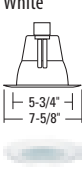

UL Listed to U.S. and Canadian safety standards.

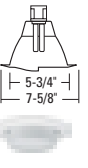
ORDERING INFORMATION

Specifications subject to change.

Series	Wattage/lamp	Voltage	Reflector	Options
L7XF	13DTT ¹	MVOLT ⁴	Choose reflector below. Torsion springs will be designated with a TOR in the nomenclature. Riveted clips will have no designation. Housing and reflector may be ordered separately.	ADEZ Advance Mark 10™ electronic line voltage control dimming ballast, 120V or 277V; must be wattage and voltage specific; minimum dimming level 5%.
L7XFR	18DTT	120V		ADZT Advance Mark VII™ electronic 0-10V DC dimming ballast, 120V or 277V; minimum dimming level 3%
	26DTT	277V		GMF Single-fuse, must specify voltage
	13DTT/TRT ^{1,2}	347V ⁵		GSKT Foam gasketing. Aids in air-tight installation
	18DTT/TRT ^{1,2}			PHC Poke-home wire connectors
	13TRT			WLP 35K 4-pin (shipped separately) ⁶
	18TRT			
	26TRT			

IC Rated Full Reflectors: All reflectors are damp location listed. Lensed reflectors are wet location listed. These IC reflectors can be used in NON-IC applications using lamps and wattages listed below. White flange standard, except as noted.

Open wide flange		Open narrow flange		Baffle wide flange		Baffle narrow flange	
703 TOR	White	702 TOR	White, white flange	7B3 TOR	Black, white flange	7B2 TOR	Black, white flange
		702 PF	White, white plastic flange			7B2 TRMW TOR	Black, matte white flange
		702MW TOR	Matte white	7B3W TOR	White	7B2MW TOR	Matte white
		702BN TOR	Brushed nickel ³			7B2W TOR	White
		702ORB TOR	Oil-rubbed bronze ³			7B2W PF TOR	White, white plastic flange
		702A	Clear diffuse, white plastic flange			7B2BN TOR	Brushed nickel ³
		702A PFMW TOR	Clear diffuse, matte white plastic flange			7B2ORB TOR	Oil-rubbed bronze ³
		702AZ	Clear specular, white plastic flange				
IC		IC		IC		IC	
13DTT		13DTT		13DTT		13DTT	
26TRT		26TRT		26TRT		26TRT	

Baffle narrow flange		Eyeball		Wallwash narrow flange		Glass lens	
7B5	Black, white flange	25° Vertical tilt	7E1TOR	White	7W1	White	6LD3
7B5 TRMW TOR	Black, matte white flange		7E1MW	Matte white	7W1MW	Matte white	6LF3
7B5W PF	White, white plastic flange		7E1BN TOR	Brushed nickel ³			6L4
7B5W	White		7E1ORB TOR	Oil-rubbed bronze ³			
7B5MW TOR	Matte white						
IC		IC		IC		IC	
13DTT		13TRT		13DTT		26TRT	
26DTT				13TRT		32TRT (drop lens)	

ADDITIONAL INFORMATION

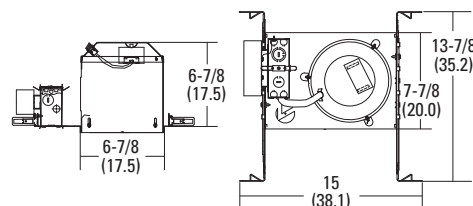
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

CTR6	6" goof ring, white
ATK6	6" air-tight trim kit

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with ADEZ.
- 2 Not available with WLP.
- 3 Flange matches trim finish.
- 4 Electronic multivolt ballast capable of operating any line voltage from 120-277.
- 5 347V is NON-IC only, electronic ballast.
- 6 Lamp socket base 13W 4-pin: DTT (GX24Q-1); TRT (GX24Q-1).
Lamp socket base 18W 4-pin: DTT (GX24Q-2); TRT (GX24Q-2).
Lamp socket base 26W 4-pin: TRT (GX24Q-3).

LV3 LV3R



Intended Use

Recessed incandescent housings for 2x6 new construction (LV3) or remodel construction (LV3R). Approved for all ceiling and wiring types.

Features

- LV3: Air-tight, galvanized steel pan with aluminum can and junction box
- LV3R: Air-tight, aluminum housing with heavy-gauge galvanized steel raceway arm utilizing remodel clips for installation in plaster, sheetrock or mechanical ceilings

- Suitable for ceilings up to 1-1/2" thick
- Includes two-pin porcelain socket with heat shield
- Compatible with Acculamp™ LED lamps; see pages 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.



ORDERING INFORMATION

Specifications subject to change.

Example: LV3 3VB1 120

Series	Reflector	Voltage	Options
LV3	Choose reflector below. Reflectors are 30° vertical tilt standard (except 3VS1 pinhole).	120 ¹	PHC Poke-home wire connectors
LV3R	Housing and reflector may be ordered separately.	277 ²	

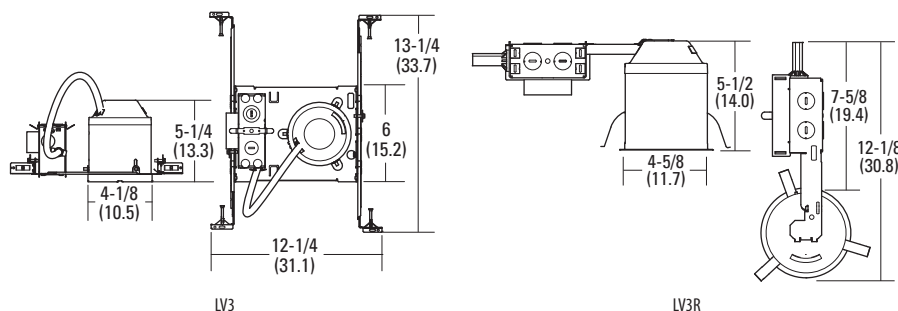
NON-IC Rated Reflectors: Lamp types and maximum wattages are listed for each reflector. White flange standard.

Adjustable cones		Adjustable baffles		Adjustable eyeball		Adjustable baffle eyeball	
3V01AZ	Clear specular, white flange	3VB1	Black, white flange	3VE1	White	3VE2	Black, white flange
		3VB1W	White			3VE2W	White
NON-IC 50 MR16		NON-IC 50 MR16		NON-IC 50 MR16		NON-IC 50 MR16	
Adjustable wallwash		Shielded eyelid wallwash		Shielded slotted		Shielded pinhole	
3VDW1W	White	3VW1	White	3VA5	Black baffle, white flange	3VS1	Black baffle, white flange
NON-IC 50 MR16		NON-IC 50 MR16		NON-IC 50 MR16		NON-IC 50 MR16	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Use dimmers designed for electronic transformers.
- 2 Dimming is not available.

LIV3

**Intended Use**

Recessed housing rated IC for new construction applications. Approved for direct burial in insulation and through-branch circuit wiring. Approved for most wiring and ceiling types.

Features

- Air-tight standard; meets current energy codes
- Pre-painted steel inner housing and aluminum outer housing mounted to a rugged galvanized steel pan
- Captive bar hangers span 24" and feature built-in nailers and T-bar clips

- Suitable for ceilings up to 1-1/2" thick in new construction only

- Compatible with Acculamp™ LED lamps; see pages 1044-1049 for options

Listings

UL Listed to U.S. and Canadian safety standards.

Featuring
acculamp

ORDERING INFORMATION

Specifications subject to change.

Example: LIV3 3V01AZ 120

Series	Reflector	Voltage
LIV3	Choose reflector below. Reflectors are 30° vertical tilt standard on trims. Housing and reflector may be ordered separately.	120

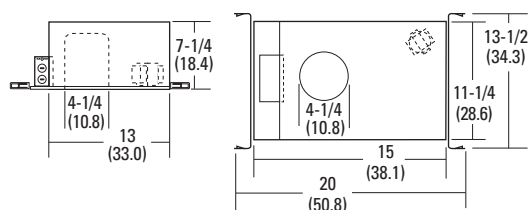
IC Rated Reflectors: All reflectors are damp location listed. Lamp types and maximum wattages listed for each reflector. These IC reflectors also can be used in NON-IC applications using lamps and wattages listed below. White flange standard.

Adjustable open cone		Adjustable baffle		Adjustable eyeball		Adjustable baffle eyeball	
3V01AZ	Clear specular, white flange	3VB1	Black, white flange	3VE1	Open eyeball	3VE2	Black
		3VB1W	White			3VE2W	White
IC		IC		IC		IC	
50 MR16		50 MR16		50 MR16		50 MR16	
Adjustable wallwash		Shielded eyelid wallwash		Shielded slotted		Shielded pinhole	
3VDW1W	White	3VW1	White	3VA5	Black baffle, white flange	3VS1	Black baffle white flange
IC		IC		IC		IC	
50 MR16		50 MR16		50 MR16		50 MR16	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

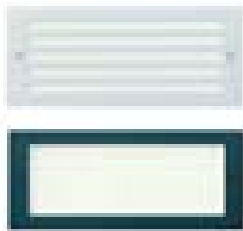
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



PRODUCT INFORMATION

Wet Location

WSL1F

Wet Location
Steplight**Intended Use**

Rated NON-IC for new construction in indoor applications or outdoor wet locations such as, courtyards and pathways.

Features

- Aluminum die-cast, white power coat paint, corrosion-resistant housing
- Louvered, slotted and open faceplates available

- Die-cast powder coat painted faceplates are available in white or black finish (faceplates shipped separately)
- Electrical conduit fitting for wet location in wood construction, masonry and poured concrete applications

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

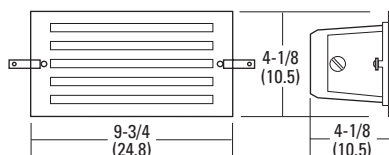
Example: WSL1F 13DTTE FPLBL 120

Series	Lamp type	Finish	Voltage
WSL1F	13DTTE	FPL White louvered faceplate FPLBL Black louvered faceplate FPS White slotted faceplate FPSBL Black slotted faceplate FPO White, opal lens FPOBL Black, opal lens	120 277

ADDITIONAL INFORMATION

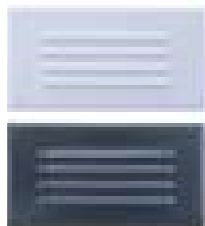
For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



PRODUCT INFORMATION

Damp Location

SL1
SL1FDamp Location
Steplight**Intended Use**

Rated IC or NON-IC for new construction only. To direct light on steps or pathways. Wall or step riser mounting.

Features

- Approved for through-branch circuit wiring
- Galvanized steel housing and wiring compartment with a ground wire
- Bar hangers span 16" with recessed integral nailer tabs

- Powder-coated steel louver available in white or black finish
- Butterfly springs hold louver securely in place
- Die-cut foam gasket seal steel louver against surface, preventing light leaks

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SL1F 13DTT BL

Series	Lamp type	Finish
Incandescent	Incandescent ¹	(blank) White
SL1	(blank) Incandescent	BL Black
Fluorescent	Fluorescent	
SL1F	13DTT	

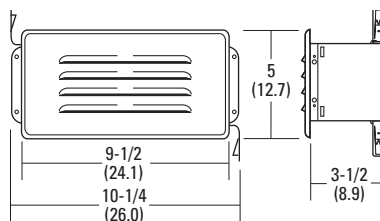
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

IC/NON-IC RATED - THESE STEPLIGHTS ARE DAMP LOCATION LISTED. MAXIMUM WATTAGE AND LAMPS ARE LISTED.

INCANDESCENT	FLUORESCENT
25 A19 (IC)	13DTT (IC)
40 A19 (NON-IC)	

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

¹ Leave lamp type information blank.

LAYOUT GUIDE

GENERAL PARAMETERS - Shown are some basic rules of lighting that will help you make the best decisions to meet your lighting needs.

General (⁵⁻²⁰ fc)

Low to medium light levels.

Recommended lamps:

- A19, BR30 (10' ceiling or lower)
- BR40, PAR 30/38 (12' ceiling or higher)
- P Series LED



Fixture Spacing

Ceiling Height	From Wall	Space Apart
8'	3'	6-7.5'
9'	3.5'	7-8.5'

Fixture Estimator

(Room length x width) in feet. Example: 16' x 20' room = 8 fixtures

	6	8	10	12	14	16	18	20	22	24	26	28	30
12	2	2	4	4	4	4	6	6	8	8	8	9	9
14	2	2	4	4	4	4	6	6	8	8	9	9	9
16	2	4	4	4	4	4	6	8	8	8	9	9	9
18	2	4	4	6	6	6	8	8	9	9	10	10	12
20	4	4	4	6	6	8	8	9	9	10	10	12	12
22	4	4	6	8	8	8	9	9	10	10	12	12	12
24	4	6	6	8	8	8	9	10	10	12	12	12	12
26	6	6	6	8	9	9	10	10	12	12	12	12	12
28	6	6	6	9	9	9	10	12	12	12	12	12	14
30	6	6	8	9	9	9	12	12	12	12	12	14	14

Task (³⁵⁻⁴⁴ fc)

Medium to high light levels.

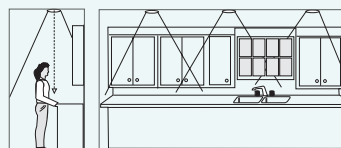
Recommended lamps:

- AR20, PAR30 (10' ceiling or lower)
- PAR38 (12' ceiling or higher)
- P Series LED, LED Gimbals



Lighting Kitchen Counters

Position center of fixtures over counter edge. This prevents shadowing and allows light to spill into cabinets.



Fixture Spacing

Ceiling Height	Space Apart
8'	3'
10'	4'
12'	5'

Accent (⁴⁰⁻⁸⁰ fc)

Should be four to five times the general light level in the room.

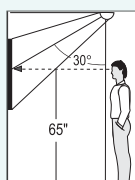
Recommended lamps:

- PAR20 PAR30, MR16 (10' ceiling or lower)
- PAR38 (12' ceiling or higher)
- P Series LED, LED Gimbals



Artwork

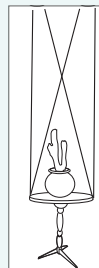
Wall-mounted art and photos



look best when lighted at an angle of 30 degrees from vertical. Use eyeball, gimbal, or adjustable trims.

Collectables

Light free-standing objects at an



angle of 30 degrees from vertical to prevent light from interfering with line of sight. Add a second light from a different position for greater visual interest.

Fixture Spacing

Ceiling Height	Space Apart
8'	18-24"
10'	30-36"
12'	40-48"

Wallwash (²⁰⁻³⁵ fc)

Provides consistent, uniform light levels across wall.

Recommended lamp:

- A19



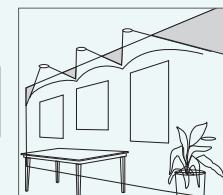
Bookcases and Walls

Washing a wall with light visually expands a room, hides imperfections and adds dimension to books.



Fixture Spacing

From Wall	3'
Space Apart	3'



Grazing (²⁰⁻⁴⁰ fc)

Low to medium light levels.

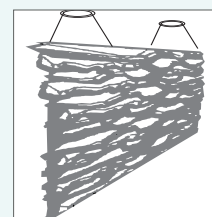
Recommended lamps:

- A19, BR30 (10' ceiling or lower)
- BR40, PAR 30/38 (12' ceiling or higher)
- P Series LED



Wall Grazing

Turn tough textures such as brick or stone into dynamic patterns of shadow and light.



Fixture Spacing

From Wall	6-9"
Space Apart	12-18"



LITHONIA LIGHTING® TRACK

Lithonia Lighting offers a full-featured, contemporary line of LED and traditional-source contemporary track and display lighting. Engineered for simplicity, our product offering delivers beautiful, clean designs that are easy to install and provide a wide range of adjustability, making future lighting changes effortless.

Our track lighting family includes line- and low-voltage track heads for a wide range of popular LED and traditional lamps, to maximize style and appearance. We also feature a full selection of accessories.



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PRODUCT INFORMATION

1000 SERIES



Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 1000 Series provides high-quality, eco-friendly lighting solutions.

Features

- Traditional Gimbal design
- Steel lamp holder

- Easy to adjust
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- One-year limited warranty
- Black, white and brushed nickel finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION

Specifications subject to change.

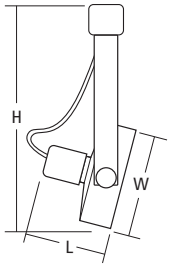
Example: LTH1000 MR16 WH WLP240L

Series	Track head size	Finish	Options
LTH1000 Gimbal trackhead	MR16 MR16 compatible LED, 50W halogen maximum PAR20 PAR20 compatible LED, 50W halogen maximum PAR30 PAR30 long-neck compatible LED, 75W halogen maximum PAR38 PAR38 compatible LED, 120W halogen maximum	WH White DBL Black BN Brushed nickel	WLP__ Lamped. Specify Acculamp

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
MR16	2 1/8	3	5 1/4
PAR20	2 13/16	4 7/8	8 3/8
PAR30	4	5 1/2	8 7/8
PAR38	5	6 3/4	10 3/4

All dimensions are inches (centimeters).

Featuring
acculamp®

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
PAR 20	WLP480L	480-lumen, 8W, 30-degree, 2700K, E26 base, dimmable lamp
	WLP480L40K	480-lumen, 8W, 30-degree, 4000K, E26 base, dimmable lamp
	WLP530L	530-lumen, 8W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 8W, 45-degree, 4000K, E26 base, dimmable lamp
PAR 30	WLP530L	530-lumen, 15W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 15W, 25-degree, 4000K, E26 base, dimmable lamp
PAR 38	WLP900L	900-lumen, high R9 spectral content, 20W, 25-degree, 2700K, E26 base
	WLP900L40K	900-lumen, high R9 spectral content, 20W, 25-degree, 4000K, E26 base
	WLP1200L	1200-lumen, 20W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP1200L40K	1200-lumen, 20W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP1200L45	1200-lumen, 20W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP1200L4540K	1200-lumen, 20W, 45-degree, 4000K, E26 base, dimmable lamp
	WLP2000L	2000-lumen, 25W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP2000L40K	2000-lumen, 25W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP2000L45	2000-lumen, 25W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP2000L4540K	2000-lumen, 25W, 45-degree, 4000K, E26 base, dimmable lamp

Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 2000 Series provides high-quality, eco-friendly lighting solutions.

Features

- Contemporary MR16 design
- Front loading

- Die-cast aluminum lamp holder
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- One-year limited warranty
- Black, white, and brushed nickel finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

2000 SERIES

**ORDERING INFORMATION**

Specifications subject to change.

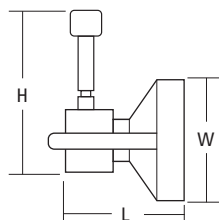
Example: LTH2000 MR16 WH WLP240L

Series	Track head size	Finish	Options
LTH2000 Front loading trackhead	MR16 MR16 compatible LED, 50W halogen	WH White DBL Black BN Brushed nickel	WLP_ Lamped. Specify Acculamp

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
MR16	2-1/4	4	5

All dimensions are inches (centimeters).

Featuring
acculamp

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L36	450-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L3640K	450-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp

PRODUCT INFORMATION

3000 SERIES



Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 3000 Series provides high-quality, eco-friendly lighting solutions.

Features

- Modern wave front design
- Die-cast aluminum lamp holder

- Front loading
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- One-year limited warranty
- Black, white, and brushed nickel finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION

Specifications subject to change.

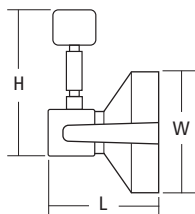
Example: LTH3000 PAR20 WH WLP480L

Series	Track head size	Finish	Options
LTH3000 Front loading trackhead	MR16 MR16 compatible LED, 50W halogen maximum PAR20 PAR20 compatible LED, 50W halogen maximum PAR30 PAR30 long-neck compatible LED, 75W halogen maximum PAR38 PAR38 compatible LED, 120W halogen maximum	WH White DBL Black BN Brushed nickel	WLP_ Lamped. Specify Acculamp

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
MR16	2	3	5-3/8
PAR20	3	3-9/16	7-15/16
PAR30	4-7/16	4-7/16	8-15/16
PAR38	5-1/2	5-1/2	8-13/16

All dimensions are inches (centimeters).

Featuring

acculamp

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
PAR 20	WLP450L36	450-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L3640K	450-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP480L	480-lumen, 8W, 30-degree, 2700K, E26 base, dimmable lamp
	WLP480L40K	480-lumen, 8W, 30-degree, 4000K, E26 base, dimmable lamp
PAR 30	WLP530L	530-lumen, 8W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 8W, 45-degree, 4000K, E26 base, dimmable lamp
PAR 38	WLP530L	530-lumen, 15W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 15W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP900L	900-lumen, high R9 spectral content, 20W, 25-degree, 2700K, E26 base
	WLP900L40K	900-lumen, high R9 spectral content, 20W, 25-degree, 4000K, E26 base
	WLP1200L	1200-lumen, 20W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP1200L40K	1200-lumen, 20W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP1200L45	1200-lumen, 20W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP1200L4540K	1200-lumen, 20W, 45-degree, 4000K, E26 base, dimmable lamp
	WLP2000L	2000-lumen, 25W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP2000L40K	2000-lumen, 25W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP2000L45	2000-lumen, 25W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP2000L4540K	2000-lumen, 25W, 45-degree, 4000K, E26 base, dimmable lamp

Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 4000 Series provides high-quality, eco-friendly lighting solutions.

Features

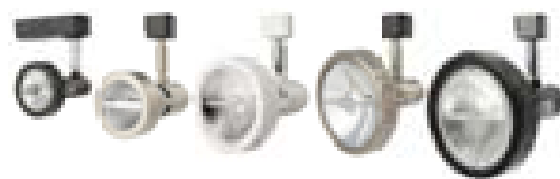
- Updated front loading adjustable design
- Clean look with rounded back

- Die-cast aluminum lamp holder
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- One-year limited warranty
- Black, white, and brushed nickel finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

4000 SERIES



Example: LTH4000 PAR20 WH WLP480L

ORDERING INFORMATION

Specifications subject to change.

Series	Track head size	Finish	Options
LTH4000 Front loading trackhead	MR16 MR16 compatible LED, 50W halogen maximum PAR20 PAR20 compatible LED, 50W halogen maximum PAR30 PAR30 long-neck compatible LED, 75W halogen maximum AR111 AR111 compatible LED, 50W halogen maximum PAR38 PAR38 compatible LED, 120W halogen maximum	WH White DBL Black BN Brushed nickel ¹	WLP_ Lamped. Specify Acculamp

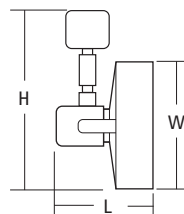
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Featuring

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L36	450-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L3640K	450-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
PAR 20	WLP480L	480-lumen, 8W, 30-degree, 2700K, E26 base, dimmable lamp
	WLP480L40K	480-lumen, 8W, 30-degree, 4000K, E26 base, dimmable lamp
	WLP530L	530-lumen, 8W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 8W, 45-degree, 4000K, E26 base, dimmable lamp
PAR 30	WLP530L	530-lumen, 15W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 15W, 25-degree, 4000K, E26 base, dimmable lamp
AR111	WLP450L	450-lumen, 15W, 8-degree, 2800K, GU10 base
	WLP450L40K	450-lumen, 15W, 8-degree, 4000K, GU10 base
	WLP530L	530-lumen, 15W, 24-degree, 2800K, GU10 base
	WLP530L40K	530-lumen, 15W, 24-degree, 4000K, GU10 base
	WLP570L	530-lumen, 15W, 45-degree, 2800K, GU10 base
PAR 38	WLP570L40K	530-lumen, 15W, 45-degree, 4000K, GU10 base
	WLP900L	900-lumen, high R9 spectral content, 20W, 25-degree, 2700K, E26 base
	WLP900L40K	900-lumen, high R9 spectral content, 20W, 25-degree, 4000K, E26 base
	WLP1200L	1200-lumen, 20W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP1200L40K	1200-lumen, 20W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP1200L45	1200-lumen, 20W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP1200L4540K	1200-lumen, 20W, 45-degree, 4000K, E26 base, dimmable lamp
	WLP2000L	2000-lumen, 25W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP2000L40K	2000-lumen, 25W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP2000L45	2000-lumen, 25W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP2000L4540K	2000-lumen, 25W, 45-degree, 4000K, E26 base, dimmable lamp

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
MR16	2	3	5-3/8
PAR20	3-3/16	3-7/8	6-7/8
PAR30	4-7/16	4-7/16	7-1/16
AR111	4-13/16	4-13/16	6-13/16
PAR38	5-3/8	5-3/8	8-1/8

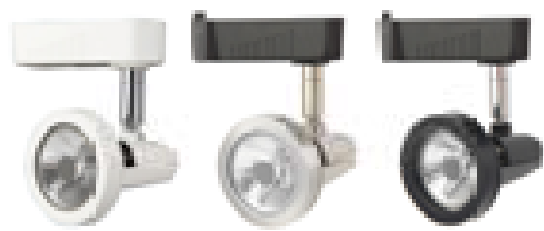
All dimensions are inches (centimeters).

Notes

¹ Only available in MR16, PAR20, PAR30 and PAR38 head sizes.

PRODUCT INFORMATION

5000 SERIES



- Intended Use**

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 5000 Series provides high-quality, eco-friendly lighting solutions.

Features

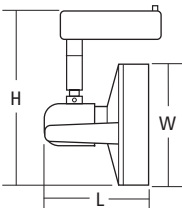
 - Fresh and innovative MR16 design
 - Front loading
- Die-cast aluminum lamp holder
 - Easily attachable adaptor
 - Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
 - One-year limited warranty
 - Black, white, and brushed nickel finishes available

Listings
cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION		Specifications subject to change.		Example: LTH5000 MR16 WH WLP240L	
Series	Track head size	Finish		Options	
LTH5000 Front loading trackhead	MR16 MR16 compatible LED, 50W halogen maximum	WH	White	WLP_	Lamped. Specify Acculamp
		DBL	Black		
		BN	Brushed nickel		

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
MR16	2 (5.1)	3 (7.6)	5-3/8

All dimensions are inches (centimeters).

Featuring
acculamp

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L36	450-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L3640K	450-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp

Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 6000 Series provides high-quality, eco-friendly lighting solutions.

Features

- Updated mini projector MR16 design
- Front loading

- Aluminum, cylindrical lamp holder
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- One-year limited warranty
- Black, white, and brushed nickel finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

6000 SERIES



Example: LTH6000 MR16 WH WLP240L

ORDERING INFORMATION

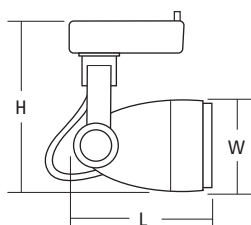
Specifications subject to change.

Series	Track head size	Finish	Options
LTH6000 Front loading trackhead	MR16 MR16 compatible LED, 50W halogen maximum	WH White DBL Black BN Brushed nickel	WLP_ Lamped. Specify Acculamp

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
MR16	2 (5.1)	3 (7.6)	5-3/8

All dimensions are inches (centimeters).

Featuring acculamp

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L36	450-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L3640K	450-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp

PRODUCT INFORMATION

7000 SERIES

**Intended Use**

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 7000 Series provides high-quality, eco-friendly lighting solutions.

Features

- Front loading MR16 design

- Aluminum cylindrical lamp holder
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- One-year limited warranty
- Black, white, and brushed nickel finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION

Specifications subject to change.

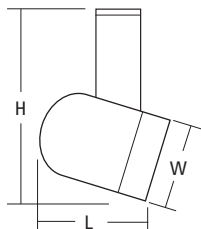
Example: LTH7000 MR16 WH WLP240L

Series	Track head size	Finish	Options
LTH7000 Front loading trackhead	MR16 MR16 compatible LED, 50W halogen	WH White DBL Black BN Brushed nickel	WLP_ Lamped. Specify Acculamp

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
MR16	3-3/8	5-11/16	8-7/8

All dimensions are inches (centimeters).

Featuring
acculamp

Acculamp Ordering Information

Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L36	450-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L3640K	450-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp

Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 8000 Series provides high-quality, eco-friendly lighting solutions.

Features

- Multidirectional MR16 design
- 1 or 2 lamped track head

- Front loading
- Aluminum holder
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- White and black finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

8000 SERIES

**ORDERING INFORMATION**

Specifications subject to change.

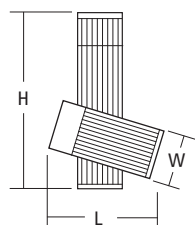
Example: LTH8001 MR16 WH WLP240L

Series	Track head size	Finish	Options
LTH8001 1-lamp front loading trackhead	MR16 MR16 compatible LED, 50W halogen maximum	WH White	WLP_ Lamped. Specify Acculamp
LTH8002 2-lamp front loading trackhead		DBL Black	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
1 MR16	2-3/16	3-3/4	6-1/4
2 MR16	2-3/16	3-3/4	8-1/4

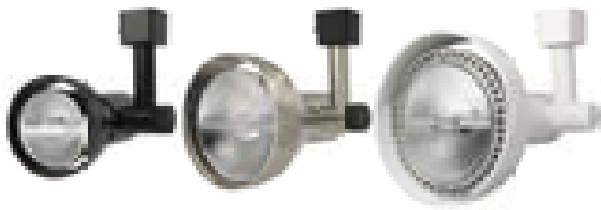
All dimensions are inches (centimeters).

Featuring

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
MR 16	WLP140L	140-lumen, 4W, 24-degree, 3000K, GU 5.3 base
	WLP140L40K	140-lumen, 4W, 24-degree, 4000K, GU 5.3 base
	WLP240L	240-lumen, 6W, 24-degree, 3000K, GU 5.3 base
	WLP240L40K	240-lumen, 6W, 24-degree, 4000K, GU 5.3 base
	WLP240L36	240-lumen, 6W, 36-degree, 3000K, GU 5.3 base
	WLP240L3640K	240-lumen, 6W, 36-degree, 4000K, GU 5.3 base
	WLP400L	400-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L40K	400-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP400L36	400-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP400L3640K	400-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L	450-lumen, 8W, 24-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L40K	450-lumen, 8W, 24-degree, 4000K, MR16 GU5.3 base, dimmable lamp
	WLP450L36	450-lumen, 8W, 36-degree, 2700K, MR16 GU5.3 base, dimmable lamp
	WLP450L3640K	450-lumen, 8W, 36-degree, 4000K, MR16 GU5.3 base, dimmable lamp

PRODUCT INFORMATION

9000 SERIES

**Intended Use**

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the 9000 Series provides high-quality, eco-friendly lighting solutions.

Features

- Clean look with rounded back

- Steel lamp holder
- Front loading
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- Black, white, and brushed nickel finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION

Specifications subject to change.

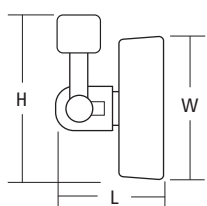
Example: LTH9000 PAR20 WH WLP480L

Series	Track head size	Finish	Options
LTH9000 Front loading trackhead	PAR20 PAR20 compatible LED, 50W halogen maximum	WH White	WLP_ Lamped. Specify Acculamp
	PAR30 PAR30 long-neck compatible LED, 75W halogen maximum	DBL Black	
	PAR38 PAR38 compatible LED, 120W halogen maximum	BN Brushed nickel	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
PAR20	3-5/16	4	8
PAR30	4-1/2	5	8-5/16
PAR38	5-1/2	5-1/2	9-5/8

All dimensions are inches (centimeters).

Featuring



Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
PAR 20	WLP480L	480-lumen, 8W, 30-degree, 2700K, E26 base, dimmable lamp
	WLP480L40K	480-lumen, 8W, 30-degree, 4000K, E26 base, dimmable lamp
	WLP530L	530-lumen, 8W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 8W, 45-degree, 4000K, E26 base, dimmable lamp
PAR 30	WLP530L	530-lumen, 15W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 15W, 25-degree, 4000K, E26 base, dimmable lamp
PAR 38	WLP900L	900-lumen, high R9 spectral content, 20W, 25-degree, 2700K, E26 base
	WLP900L40K	900-lumen, high R9 spectral content, 20W, 25-degree, 4000K, E26 base
	WLP1200L	1200-lumen, 20W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP1200L40K	1200-lumen, 20W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP1200L45	1200-lumen, 20W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP1200L4540K	1200-lumen, 20W, 45-degree, 4000K, E26 base, dimmable lamp
	WLP2000L	2000-lumen, 25W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP2000L40K	2000-lumen, 25W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP2000L45	2000-lumen, 25W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP2000L4540K	2000-lumen, 25W, 45-degree, 4000K, E26 base, dimmable lamp

Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the SHDE Series provides high-quality, eco-friendly lighting solutions.

Features

- Fresh and innovative design
- Full shade

- Steel lamp holder
- Front loading
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track

Listings

cETLus Listed to UL1574 Track Lighting Standard.

SHDE SERIES



Example: LTH SHDE PAR20 DBL WLP480L

ORDERING INFORMATION

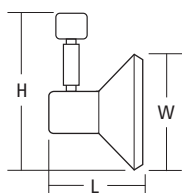
Specifications subject to change.

Series	Track head size	Finish	Options
LTH SHDE Front loading trackhead	PAR20 PAR20 compatible LED, 50W halogen maximum PAR30 PAR30 long-neck compatible LED, 75W halogen maximum PAR38 PAR38 compatible LED, 120W halogen maximum	WH White DBL Black BN Brushed nickel	WLP_ Lamped. Specify Acculamp

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
PAR20	3-5/16	3-11/16	6-7/8
PAR30	5-1/8	5-1/8	7
PAR38	5-7/8	5-7/8	8-1/2

All dimensions are inches (centimeters).

Featuring
acculamp

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
PAR 20	WLP480L	480-lumen, 8W, 30-degree, 2700K, E26 base, dimmable lamp
	WLP480L40K	480-lumen, 8W, 30-degree, 4000K, E26 base, dimmable lamp
	WLP530L	530-lumen, 8W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 8W, 45-degree, 4000K, E26 base, dimmable lamp
PAR 30	WLP530L	530-lumen, 15W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 15W, 25-degree, 4000K, E26 base, dimmable lamp
PAR 38	WLP900L	900-lumen, high R9 spectral content, 20W, 25-degree, 2700K, E26 base
	WLP900L40K	900-lumen, high R9 spectral content, 20W, 25-degree, 4000K, E26 base
	WLP1200L	1200-lumen, 20W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP1200L40K	1200-lumen, 20W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP1200L45	1200-lumen, 20W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP1200L4540K	1200-lumen, 20W, 45-degree, 4000K, E26 base, dimmable lamp
	WLP2000L	2000-lumen, 25W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP2000L40K	2000-lumen, 25W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP2000L45	2000-lumen, 25W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP2000L4540K	2000-lumen, 25W, 45-degree, 4000K, E26 base, dimmable lamp

PRODUCT INFORMATION

EM SERIES



Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the EM Series provides high-quality, eco-friendly lighting solutions.

Features

- Polycarbonate 1 or 2 head lamp holder

- Easy to adjust
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- Available with white finish only

Listings

cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION

Specifications subject to change.

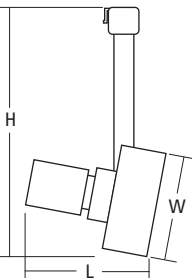
Example: LTH EM1 PAR16 WH WLP320L

Series	Track head size	Finish	Options
LTH EM1 1-lamp rear loading trackhead	PAR16 PAR16 compatible LED, 7W halogen maximum	WH White	WLP_ Lamped. Specify Acculamp
LTH EM2 2-lamp rear loading trackhead	PAR20 PAR20 compatible LED, 50W halogen maximum		
	AR111 AR111 compatible LED, 15W halogen maximum		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
1 PAR16	3.15	4.48	9.31
2 PAR16	3.5	9.61	10.17
1 PAR20	3.64	5.07	9.1
2 PAR20	4.57	12.44	10.09
1 AR111	4.62	6.13	9.74
2 AR111	5.61	13.78	10.78

All dimensions are inches (centimeters).



Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
PAR 16	WLP320L	ALSP16 320L M60
	WLP320L40K	ALSP16 320L 40K M60
PAR 20	WLP480L	ALSP20 480L DIM M60
	WLP480L40K	ALSP20 480L 40K DIM M60
	WLP530L	ALSP20 530L DIM M60
	WLP530L40K	ALSP20 530L 40K DIM M60
AR111	WLP450L	ALSAR111 450L M24
	WLP450L40K	ALSAR111 450L 40K M24
	WLP530L	ALSAR111 530L M24
	WLP530L40K	ALSAR111 530L 40K M24
	WLP570L	ALSAR111 570L M24
	WLP570L40K	ALSAR111 570L 40K M24

GRG SERIES



Intended Use

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the GRG Series provides high-quality, eco-friendly lighting solutions.

Features

- Aluminum AR111 lamp holder

- Easy to adjust
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- Available with white finish only

Listings

cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION

Specifications subject to change.

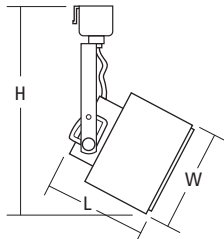
Example: LTH GRG AR111 WH WLP450L

Series	Track head size	Finish	Options
LTH GRG Front loading trackhead	AR111 AR111 compatible LED, 50W halogen maximum	WH White	WLP_ Lamped. Specify Acculamp

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
AR111	4.41	4.57	8.36

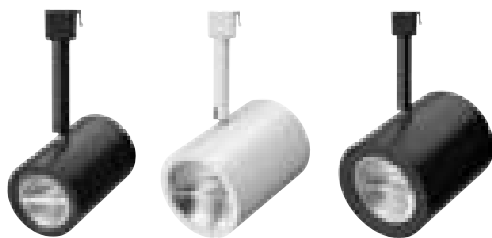
All dimensions are inches (centimeters).



Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
AR111	WLP450L	ALSAR111 450L M24
	WLP450L40K	ALSAR111 450L 40K M24
	WLP530L	ALSAR111 530L M24
	WLP530L40K	ALSAR111 530L 40K M24
	WLP570L	ALSAR111 570L M24
	WLP570L40K	ALSAR111 570L 40K M24

PRODUCT INFORMATION

FLTB SERIES

**Intended Use**

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, grocery, galleries, museums, hospitality, residential and educational environments. Paired with our Acculamp® LED lamps, the FLTB Series provides high-quality, eco-friendly lighting solutions.

Features

- Aluminum lamp holder
- Flat back design

- Easy to adjust
- Easily attachable adaptor
- Compatible with Lithonia Lighting and Nordic Aluminum 1 circuit track
- White and black finishes available

Listings

cETLus Listed to UL1574 Track Lighting Standard.

ORDERING INFORMATION

Specifications subject to change.

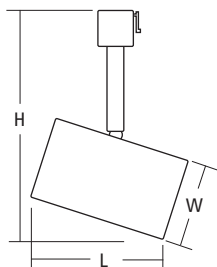
Example: LTH FLTB PAR20 WH WLP480L

Series	Track head size	Finish	Options
LTH FLTB Front loading trackhead	PAR20 PAR20 compatible LED, 50W halogen maximum	WH White	WLP_ Lamped. Specify Acculamp
	PAR30 PAR30 long-neck compatible LED, 75W halogen maximum	DBL Black	
	PAR38 PAR compatible LED, 120W halogen maximum		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



Specification			
Lamp designation	Width	Length	Maximum height
PAR20	4.51	3.36	7.97
PAR30	5.67	4.53	8.43
PAR38	5.47	6.61	8.72

All dimensions are inches (centimeters).

Featuring
acculamp

Acculamp Ordering Information		
Lamp	Nomenclature	Product Description
PAR 20	WLP480L	480-lumen, 8W, 30-degree, 2700K, E26 base, dimmable lamp
	WLP480L40K	480-lumen, 8W, 30-degree, 4000K, E26 base, dimmable lamp
	WLP530L	530-lumen, 8W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 8W, 45-degree, 4000K, E26 base, dimmable lamp
PAR 30	WLP530L	530-lumen, 15W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP530L40K	530-lumen, 15W, 25-degree, 4000K, E26 base, dimmable lamp
PAR 38	WLP900L	900-lumen, high R9 spectral content, 20W, 25-degree, 2700K, E26 base
	WLP900L40K	900-lumen, high R9 spectral content, 20W, 25-degree, 4000K, E26 base
	WLP1200L	1200-lumen, 20W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP1200L40K	1200-lumen, 20W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP1200L45	1200-lumen, 20W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP1200L4540K	1200-lumen, 20W, 45-degree, 4000K, E26 base, dimmable lamp
	WLP2000L	2000-lumen, 25W, 25-degree, 2700K, E26 base, dimmable lamp
	WLP2000L40K	2000-lumen, 25W, 25-degree, 4000K, E26 base, dimmable lamp
	WLP2000L45	2000-lumen, 25W, 45-degree, 2700K, E26 base, dimmable lamp
	WLP2000L4540K	2000-lumen, 25W, 45-degree, 4000K, E26 base, dimmable lamp

Intended Use

One-circuit track sections for use with Lithonia Lighting Track fixtures. Common applications include retail, grocery, museums or any application requiring accent illumination and the versatility of track lighting systems.

Features

- Low-profile, heavy-gauge, extruded aluminum channel for maximum rigidity; available in white or black finishes
- Track sections and connectors are designed to consider dimensional restrictions of T-bar grid ceilings
- Track sections can be surface-or pendant-mounted individually or joined to form continuous rows

- Visible polarity line indicates proper electrical connection and mechanical alignment
- Live end feed connector must be used to power track
- One 20-amp circuit, #12-gauge copper conductors are co-extruded in PVC insulator

Listings

UL Listed to U.S. and Canadian safety standards.

TRACK



ORDERING INFORMATION

Specifications subject to change.

Example: LT4 WH

Series

- One-circuit track
- LT4 4' section; actual length 44" (111.8 cm)
- LT8 8' section; actual length 92" (233.7 cm)
- LT12 12' section; actual length 140" (355.6 cm)

Finish

- WH White
- DBL Black

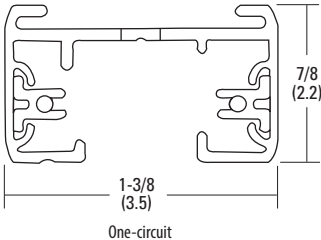
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

STANDARD PACKAGING

To order, use single master catalog number.
Example: (13) LT4 DBL

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



PRODUCT INFORMATION

Lithonia Lighting Track is constructed of low-profile, heavy-gauge, extruded aluminum for maximum rigidity. Track sections and connections are designed with the dimensional restrictions of T-bar grid ceilings in mind.



1 Suspension Hardware Rail

Allows easy twist-and-lock hardware installation. Available for stem and grid-ceiling-mount configurations.

2 Milled Grounding Bar

Provides maximum ground continuity between fixtures and power distribution system.

3 Circuit Key

Prevents accidental interchange of one- and two-circuit accessories.

4 Alignment Groove

Provides easy centering for drilling of additional mounting holes or use of self-drilling screws.

5 Bus Retention Crimp

The continuous design of the bus bar wireway retention crimp allows easy field cutting. Track sections can be cut without feeding bus bar wireway retention.

6 Extruded Channel

High-quality, rugged, heavy-gauge extruded aluminum profile.

7 Predrilled Mounting Holes

Provide easy mounting capability.



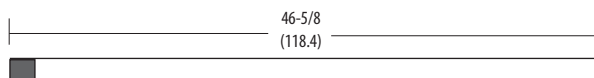
Twist-and-Lock Mounting Clips

Allow easy installation on T-bar and threaded rod.

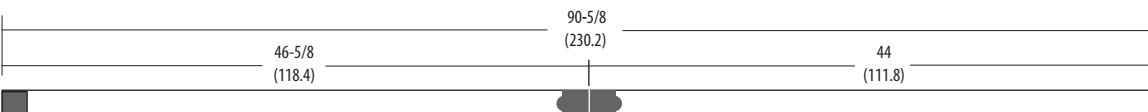


Circuit Adaptor

Adaptor design allows for easy circuit selection. Shipped in default one-circuit configuration.

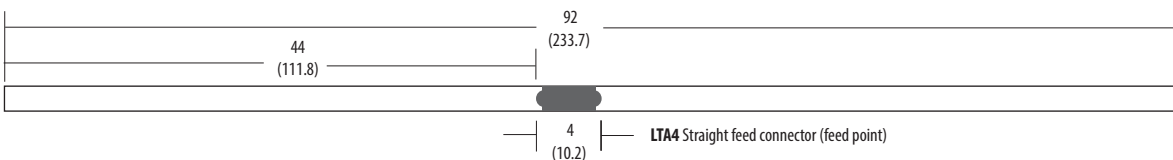


LTA1 Live end (feed point)

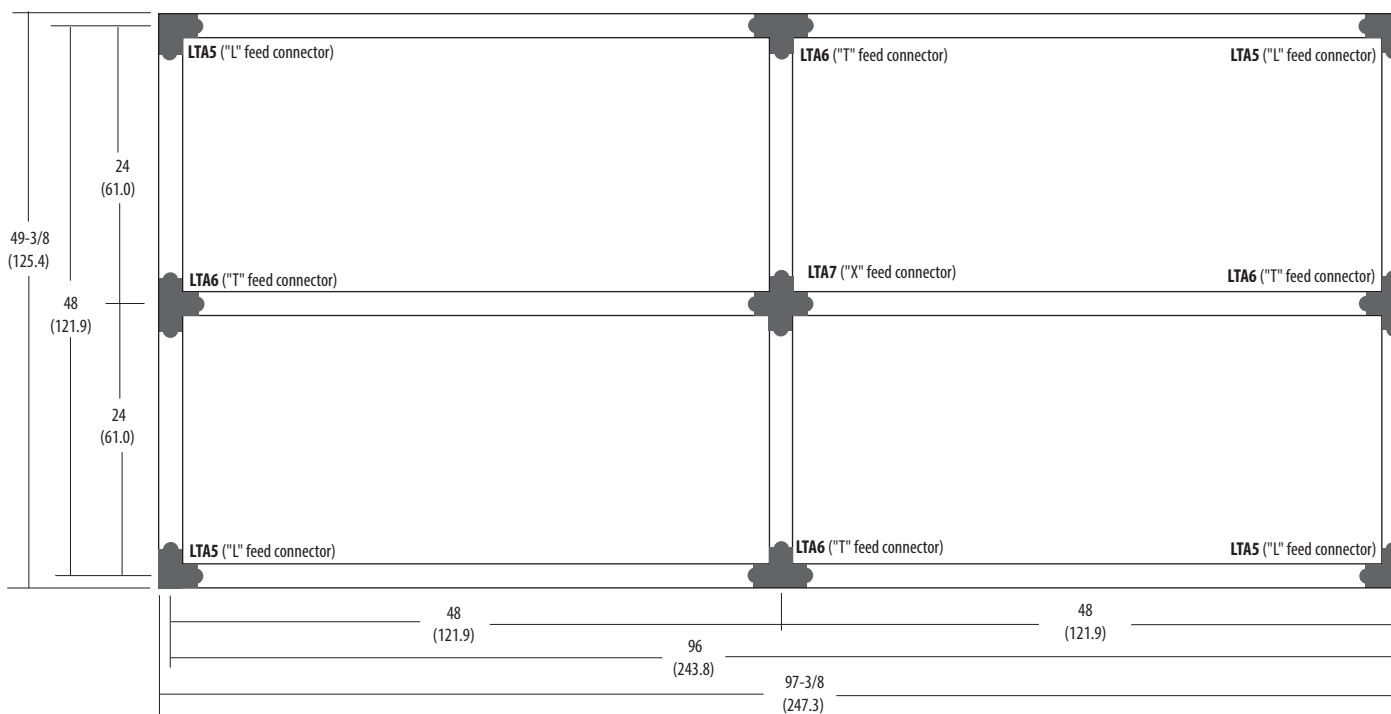


LTA1 Live end (feed point) with LTA2 linear coupler

LTA2 Linear coupler



LTA4 Straight feed connector (feed point)



One-circuit configurations shown.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Feed Connector

Provides a secure attachment to track hardware rail. A unique backplate feature provides additional strength by mechanically integrating track and connectors into one continuous system.

1 Heavy-Gauge Steel Backplate

For secure mechanical integration to track sticks.

2 Brass Bus Bar Contacts

3 GE Lexan® Housing Material

Durable construction. Soft finish eliminates fingerprint images.



PRODUCT INFORMATION

Track Connectors and Accessories

A complete selection of one-circuit track connectors, accessories and pendant and T-bar accessories is available for the Lithonia Lighting Track system. Most components are available in white and black finishes. All feature embossed polarity lines to indicate correct insertion position and electrical connection.

Live End Feed

Feed connector used to start a run. Includes one dead end. Available in white (WH) and black (DBL).

LTA1 (color) One-circuit



Linear Coupler

Joins two track sections in a straight run. Not a feed point. Does not add to length. Available in white (WH) and black (DBL).

LTA2 (color) One-circuit



Floating Feed

Permits track to be wired anywhere along the track length. Includes two dead ends. Available in white (WH) and black (DBL).

LTA3 (color) One-circuit



Straight Feed Connector

Joins two track sections in a straight run. Includes two dead ends. May be used as a feed. Available in white (WH) and black (DBL).

LTA4 (color) One-circuit



Adjustable L Connector

Joins two track sections at 90° angles. Includes two dead ends. May be used as a feed. Available in white (WH) and black (DBL).

LTA5 (color) One-circuit



T Connector

Joins three track sections at 90° angles. Includes three dead ends. May be used as a feed. Available in white (WH) and black (DBL).

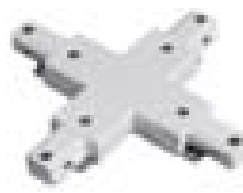
LTA6 (color) One-circuit



X Connector

Joins four track sections at 90° angles. Includes four dead ends. May be used as a feed. Available in white (WH) and black (DBL).

LTA7 (color) One-circuit



Flexible Connector

Joins two track sections. Permits vertical or horizontal bends up to 90°. Not a feed point. Available in white (WH) and black (DBL).

LTA8 (color) One-circuit



Surface Conduit Feed

Permits track to be connected to conduit (1/2" trade size conduit fitting). Includes one dead end. Available in white (WH) and black (DBL).

LTA9 (color) One-circuit



Conduit Continuation Kit

Left and right conduit connector. Allows continuous run around obstructions. Available in white (WH) and black (DBL).

LTA91 (color) One-circuit



Concealed Feed

Permits direct conduit wiring from above track without outlet box. Use with LTA1, LTA4, LTA5, LTA6, LTA7, L2TA1, L2TA4, L2TA6R, L2TA6L and L2TA7.

LTA11



Replacement Dead End

Terminates straight run. Replacement only. Available in white (WH) and black (DBL).

LTA12 (color) Set of 10



Outlet Box Cover

Used at any feed connection point (LTA1, LTA4, LTA5, LTA6, LTA7, L2TA1, L2TA4, L2TA6R, L2TA6L and L2TA7). Available in white (WH) and black (DBL).

LTA13 (color)



Track Reinforcement Plate

Slides between track lengths to provide extra strength when pendant mounting.

LTA33



Pendant Cord Adaptor

Allows cord-hung fixtures to be mounted to track. Maximum weight: 20 lbs. (9 kg). Available in white (WH) and black (DBL).

LTA19 (color) One-circuit



Pendant Chain Adaptor

Allows chain-hung or swag fixtures to be attached to track. Max. weight: 20 lbs. (9 kg). Available in white (WH) and black (DBL).

LTA16 (color) One-circuit



Extension Wand

Mounts to track, drops head 12", 18", 24" or 36". Available in white (WH) and black (DBL). Cannot be field cut.

LTA31 xx (color) (Specify 12, 18, 24 or 36)



Stem Kit ¹

Canopy and stem for use on hard ceilings. Requires stem feed kit (LTAP2) to be used as a feed. Available in 12", 18", 24", 36" or 48". Available in white (WH) and black (DBL). Can be field cut.

LTAP1 xx (color) (Specify 12, 18, 24, 36 or 48)



Stem Feed Kit

For use with stem kit. Required for track to be wired through stem. One required for each live feed. Available in white (WH) and black (DBL).

LTAP2 (color)



Track Mounting Clips

Optional track mounting method. Set of three. Available in white (WH) and black (DBL).

LTA20 (color)



Threaded Rod Mounting Clips

Allows support of the track by 1/4" threaded rod. Set of three. Available in white (WH) and black (DBL).

LTA30 (color)



T-Bar Stem Kit ¹

Canopy and stem. Requires stem feed kit (LTAP2) to be used as feed. Available in 12", 18", 24", 36" and 48". Available in white (WH) and black (DBL). Can be field cut.

LTATP1 xx (color) (Specify 12, 18, 24, 36 or 48)



T-Bar Feed Kit

Outlet box for grid ceilings. For use with LTA1, LTA4, LTA5, LTA6, LTA7, L2TA1, L2TA4, L2TA6R, L2TA6L and L2TA7. Includes outlet box, cover and mounting hardware. Available in white (WH) and black (DBL).

LTAT1 (color)



T-Bar Mounting Clips

Offsets track from T-bar. Set of three. Available in white (WH) and black (DBL).

LTA20 (color) For 1" T-bar, 1/4" drop
LTAT21 (color) For 1" T-bar, 1/2" drop
LTAT22 (color) For 1/2" T-bar, 1/4" drop
LTAT23 (color) For 1/2" T-bar, 1/2" drop



T-Bar Junction Box

LTAT25



T-Bar Earthquake Clips

Provides added structural support for 1" T-bar. Set of three.

LTAT32



Cord-and-Plug Feed

Permits track to be connected to grounded outlet. 12", 3-wire cord. Maximum 10 amps. Includes one dead end. Consult factory for use. Available in white (WH) and black (DBL).

LTA10 (color) One-circuit



Grounded Convenience Outlet

Provides an electrical outlet on the track. Consult factory for use. Available in white (WH) and black (DBL).

LTA15 (color)



Switch Module ²

Allows independent switching of connected fixtures. Available in white (WH) and black (DBL).

LTA17 (color) One-circuit



Line-Voltage Monopoint ²

Converts line-voltage track fixture for direct wiring to an outlet box. For use with 120V fixture. Available in white (WH) and black (DBL).

LTA18 (color)



Low-Voltage Monopoint

Converts low-voltage track fixture for direct wiring to an outlet box. Designed for use with electronic low-voltage fixture. Available in white (WH) and black (DBL).

LTA21 (color)



Notes

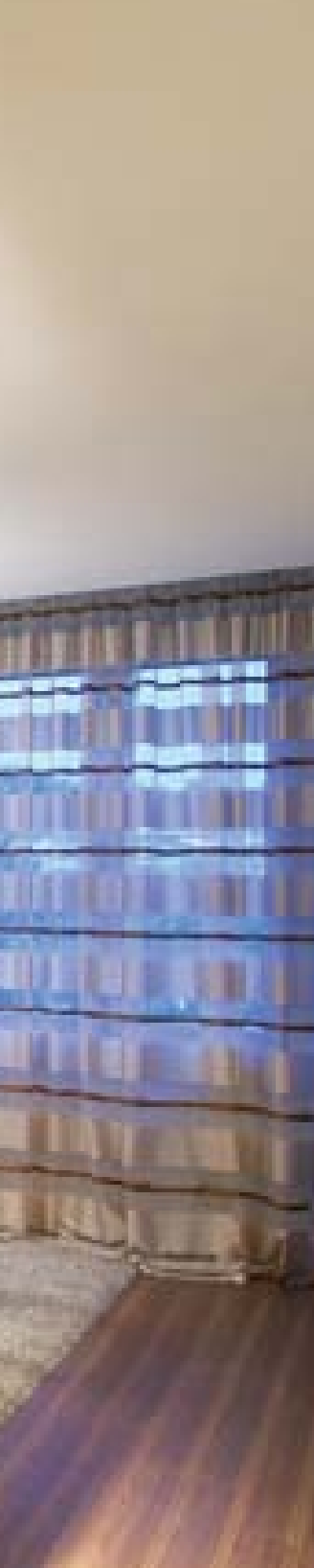
¹ Twostems required for 2' or 4' track. Three stems required for 8' track. Four stems required for 12' track. Can be field-cut and threaded.

² Not available for use with LTD CFWW20.



LITHONIA LIGHTING® DECORATIVE INDOOR

Since the creation of LED, Lithonia Lighting has been championing the practical application of this innovative science. Early on, our ideas established us as one of the leaders in LED and its use in residential and commercial buildings. Today we apply that superior knowledge and engineering to the development of top-performing, best-selling and aesthetically pleasing indoor lighting products. Ideal for multi-family, light commercial and hospitality applications, Lithonia Lighting decorative indoor products meet energy-savings guidelines, while enhancing the appearance of your space.



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PRODUCT INFORMATION

LED Mini Pendants

LED MINI PENDANTS



Intended Use

LED Mini Pendants provide maintenance-free, energy-efficient (9.5 watts) accent and/or task lighting in residential and commercial applications. LEDs enable the smaller, overall design making the mini sconces ideal for mounting over islands, counters, bars, desks and tables.

Features

- Ideal replacement for up to 25W incandescent
- Decorative shades are available in hand-blown glass, prismatic glass or metal. Decorative shades are sold separately
- Fitters are made of cast aluminum with matching

wall brackets in either bronze or polished brushed nickel

- Each fitter contains three 3000K high-performance LEDs which maintain 274 lumen output at 50,000-hour life (L70 rated)
- Fitters are dimmable to 10% with most standard incandescent dimmers (LED driver is 120V)

Listings

UL Certified to U.S. safety standards. cUL Certified to Canadian safety standards. Quality tested in accordance with IESNA LM-79 and LM-80 standards.



Example: MDPB BZ

ORDERING INFORMATION

Specifications subject to change.

Series	Finish
MDPB Bullet LED mini-pendant fitter	BZ Bronze
MDPC Cylinder LED mini-pendant fitter	BNP Polished Brushed Nickel
OLCWB Wall bracket	

SHADE ORDERING INFORMATION

Model number and description shown below.

DRBL 1001 Ball shade in opal white finish	DMCN BZ Metal cone shade in bronze finish	DSCL 1010 Short cylinder shade in white drizzle finish
DRBL 1008 Ball shade in green melon finish	DMCN BNP Metal cone shade in polished brushed nickel finish	DSBL 1001 Small bell shade in opal white finish
DBEL 1001 Bell shade in opal white finish	DCBL 1009 Concave bell shade in amber twist finish	DTCL 1001 Tall cylinder shade in opal white finish
DBIL 1015 Billet shade in rain-drop finish	DGDT 1003 Cylinder dot shade in frosted white finish	DTCL 1005 Tall cylinder shade in apple red finish
DBLT 1001 Bullet shade in opal white finish	DGWV 1003 Cylinder wave shade in frosted white finish	DTCL 1009 Tall cylinder shade in amber twist finish
DBLT 1004 Bullet shade in caramel swirl finish	DGNG 1007 Glass in glass shade in blue finish	DTCL 1010 Tall cylinder shade in white drizzle finish
DCNE 1001 Cone shade in opal white finish	DPRG 1011 Prismatic shade with clear ribbed glass	DTRB 1014 Top rib shade in caramel mocha swirl finish
DCNE 1002 Cone shade in white melon finish	DSCL 1001 Short cylinder shade in opal white finish	DZNT 1003 Zentro shade in frosted white finish
DCNE 1006 Cone shade in cobalt blue finish	DSCL 1005 Short cylinder shade in apple red finish	DZNT 1007 Zentro shade in blue finish
DCNE 1008 Cone shade in green melon finish	DSCL 1009 Short cylinder shade in amber twist finish	

PRODUCT INFORMATION

LED Mini Sconces

LED MINI SCONCES



Intended Use

LED Mini Sconces provide maintenance-free, energy-efficient (9.5 watts) accent and/or task lighting in residential and commercial applications. LEDs enable the smaller, overall design making the mini sconces ideal for mounting in hallways, accenting decorative elements or flanking mirrors.

Features

- Ideal replacement for up to 25W incandescent
- Decorative shades are available in hand-blown glass, prismatic glass or metal

- Fitters are made of cast aluminum with matching wall brackets in either bronze or polished brushed nickel
- Each fitter contains three 3000K high-performance LEDs which maintain 274 lumen output at 50,000-hour life (L70 rated)
- Fitters are dimmable to 10% with most standard incandescent dimmers (LED driver is 120V)

Listings

UL Certified to U.S. safety standards. cUL Certified to Canadian safety standards. Quality tested in accordance with IESNA LM-79 and LM-80 standards.

Example: MWSB BZ

ORDERING INFORMATION

Specifications subject to change.

Series	Finish
MWSB Bullet LED sconce fitter	BZ Bronze
MWSC Cylinder LED sconce fitter	BNP Polished brushed nickel

SHADE ORDERING INFORMATION

Model number and description shown below.

DRBL 1001 Ball shade in opal white finish	DMCN BZ Metal cone shade in bronze finish	DSCL 1010 Short cylinder shade in white drizzle finish
DRBL 1008 Ball shade in green melon finish	DMCN BNP Metal cone shade in polished brushed nickel finish	DSBL 1001 Small bell shade in opal white finish
DBEL 1001 Bell shade in opal white finish	DCBL 1009 Concave bell shade in amber twist finish	DTCL 1001 Tall cylinder shade in opal white finish
DBIL 1015 Billet shade in rain drop finish	DGDT 1003 Cylinder dot shade in frosted white finish	DTCL 1005 Tall cylinder shade in apple red finish
DBLT 1001 Bullet shade in opal white finish	DGWV 1003 Cylinder wave shade in frosted white finish	DTCL 1009 Tall cylinder shade in amber twist finish
DBLT 1004 Bullet shade in caramel swirl finish	DGNG 1007 Glass in glass shade in blue finish	DTCL 1010 Tall cylinder shade in white drizzle finish
DCNE 1001 Cone shade in opal white finish	DPRG 1011 Prismatic shade with clear ribbed glass	DTRB 1014 Top rib shade in caramel mocha swirl finish
DCNE 1002 Cone shade in white melon finish	DSCL 1001 Short cylinder shade in opal white finish	DZNT 1003 Zentro shade in frosted white finish
DCNE 1006 Cone shade in cobalt blue finish	DSCL 1005 Short cylinder shade in apple red finish	DZNT 1007 Zentro shade in blue finish
DCNE 1008 Cone shade in green melon finish	DSCL 1009 Short cylinder shade in amber twist finish	

Intended Use

Whether you are looking for something subtle to light a corner or something colorful to accent a table, we've got a custom shade for you! All decorative shades are made of hand-blown glass, prismatic glass or metal and fit both fitter styles.

Features

- Mix and match up to 30 decorative glass pieces to create a look that perfectly complements any décor

LED GLASS OPTIONS



DBLT 1001
Opal White Bullet
4-1/2"W X 10-1/2"H



DBLT 1004
Caramel Swirl Bullet
4-1/2"W X 10-1/2"H



DTCL 1001
Opal White Tall Cylinder
3-3/8"W X 9-1/4"H



DTCL 1005
Apple Red Tall Cylinder
3-3/8"W X 9-1/4"H



DTCL 1009
Amber Twist Tall Cylinder
3-3/8"W X 9-1/4"H



DTCL 1010
White Drizzle Tall Cylinder
3-3/8"W X 9-1/4"H



DZNT 1003
Frosted White Zentro
3-5/8"W X 10-3/4"H



DZNT 1007
Blue Zentro
3-5/8"W X 10-3/4"H



DGWV 1003
Frosted White Cylinder Wave
4"W X 7-3/4"H



DGDV 1003
Frosted White Cylinder Dot
4"W X 7-3/4"H



DCBL 1009
Amber Twist Concave Bell
4-1/2"W X 6"H



DBIL 1015
Rain Drop Billet
4-3/8"W X 5-1/2"H



DBEL 1001
Opal White Bell
4-1/2"W X 10-1/2"H



DRBL 1001
Opal White Ball
4"W X 6"H



DRBL 1008
Green Melon Ball
4"W X 6"H



DGNG 1007
Blue Glass In Glass
5"W X 3-3/4"H



DSCL 1001
Opal White Short Cylinder
3-3/8"W X 6"H



DSCL 1005
Apple Red Short Cylinder
3-3/8"W X 6"H



DSCL 1009
Amber Twist Short Cylinder
3-3/8"W X 6"H



DSCL 1010
White Drizzle Short Cylinder
3-3/8"W X 6"H



DTRB 1014
Caramel Mocha Swirl Top Rib
4-3/8"W X 5-1/2"H



DSBL 1001
Opal White Small Bell
4"W X 3"H



DPRG 1011
Clear Ribbed Prismatic (not hand-blown)
6-5/8"W X 3-5/8"H



DCNE 1001
Opal White Cone
5-5/8"W X 3"H



DCNE 1002
White Melon Cone
5-5/8"W X 3"H



DCNE 1006
Cobalt Blue Cone
5-5/8"W X 3"H



DCNE 1008
Green Melon Cone
5-5/8"W X 3"H



DMCN BZ
Bronze Cone (Metal)
5-3/8"W X 3"H



DMCN BNP
Polished Brushed Nickel Cone (Metal)
5-3/8"W X 3"H

**ADDITIONAL INFORMATION**

For additional product information, visit www.lithonia.com.

Dimensions**Bullet Fitter:**

Canopy Width: 5" (12.7)
Canopy Height: 1-7/8" (4.8)
Fitter Width: 2-3/4" (7)
Fitter Height: 2" (5.1)

Cylinder Fitter:

Canopy Width: 4-1/2" (11.4)
Canopy Height: 1-7/8" (4.8)
Fitter Width: 2-5/8" (6.7)
Fitter Height: 1-7/8" (4.8)

Both fitter styles include 78" of cable for tool-free mounting height adjustment.
All dimensions are inches (centimeters).

Dimensions**Bullet Fitter:**

Height: 5" (12.7)
Extension From Wall: 6-1/4" (15.9)

Cylinder Fitter:

Height: 4-1/2" (11.4)
Extension From Wall: 5-1/2" (14)

All dimensions are inches (centimeters).

PRODUCT INFORMATION

LED BACKPLATE SCONCE



Intended Use

Provides maintenance-free, energy-efficient general purpose and/or accent lighting in residential and commercial indoor applications. Designed for use with a variety of Lithonia Lighting decorative sconce diffusers to create a look that perfectly compliments any décor. Ideal for lighting hallways or accenting seating areas.

Features

- Ideal replacement for up to a 60W incandescent
- Formed aluminum backplate (Decorative diffusers sold separately)

- A wide variety of fully customized decorative diffusers helps you create a truly unique look
- 10W, 720 lumens output at 50,000 hours life
- Fully dimmable down to 10%. Works with most standard incandescent dimmers

Listings

UL and cUL Listed to U.S. and Canadian safety requirements. Quality tested in accordance with IESNA LM-79.

ORDERING INFORMATION		Specifications subject to change.	Example: SWBLED
Series ¹	Options		
SWBLED LED wall sconce backplate	Consult factory		

Notes

¹ Decorative diffusers must be ordered separately.

Intended Use

Each diffuser design can be customized with a variety of finishes and materials to compliment any décor. See individual spec sheets for a complete list of options. Colors and patterns may vary. Backplate and Diffusers are ordered separately.

Features

- Efficient, high-performance 3000K LED

- AccuDrive "engine" works with a variety of diffusers finishes and materials - customizable
- Dimmable down to 10% with most standard dimmers

Listings

UL and cUL Listed to U.S. and Canadian safety requirements. Quality tested in accordance with IESNA LM-79.

LED WALL SCONCE OPTIONS

**ORDERING INFORMATION**

All Diffusers require SWBLED backplate for use (see page 506).

Example: DLSD1 BN P10

Series ¹	Finish
DLSD1	Consult factory
DLSD2	BN P10
DLSD3	BN/BZ
DLSD4	CH
DLSD5	BZ
DLSD6	ANS
DLSD7	BZ F08
DLSD8	CLR P01
DLSD9	BZ/S03
DLSD10	BZ/WH
DLSD11	S08
DLSD12	BN P01
DLSD13	P12
DLSD14	F03
DLSD15	S06
DLSD16	BZ F02
DLSD17	BN P10

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

* Color/Finish/Fabric options available, consult spec sheet at www.lithonia.com or refer to swatch book.

LED VERSI LITE



Intended Use
Ideal for use in closets, foyers, hallways, bedrooms, offices, utility work areas, stairways, and many other rooms in the house. Wet location for showers, covered patios, outdoor restaurant seating and other outdoor applications.

- Features**
- Replaces up to a 60W incandescent
 - This contemporary shaped fixture features a matte white acrylic diffuser and white aluminum housing

- Available in 2700K, 3000K and 4000K CCTs
- Certified for wet locations (510-640 lumens)
- Produces 650 lumens at 50,000 hours life
- Standard input = 9W, 70 lumens per watt

Listings
cUL Certified to U.S. and Canadian standards and listed suitable for damp locations.

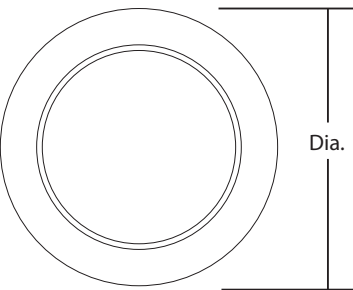
ORDERING INFORMATION		Specifications subject to change.						Example: FMML 7 840 WL WH			
Series		Size		CRI/FColor temperature		Wet listed		Finish			
FMML	LED Versi Lite	7	7" diameter	CRI	Color Temperature		(blank)	Non-wet Location Listed	WH	White	
				8	>80	40	4000K	WL	Wet Location Listed	DDBT	Bronze
						30	3000K				
						27	2700K				
ADDITIONAL INFORMATION		For additional product information, visit www.lithonia.com .									

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications	
Height:	1-3/4 (4.4)
Width:	7-1/4 (18.4)
Diameter:	7-1/4" (18.4)
Depth:	1-3/4" (4.4)

All dimensions are inches (centimeters) unless otherwise indicated.



Intended Use

Provides general illumination in residential applications. Ideal for use in closets, foyers, hallways, corridors, bedrooms, offices, utility work areas, stairways and more.

Features

- The beauty of simplicity in low-profile round, stay-white, acrylic diffuser
- Available in 11" and 14" sizes
- Hidden cam-latches provide easy diffuser removal for installation and maintenance

- 11" units produce 1,100 lumens and 14" units produce 1,600 lumens; both at 50,000 hours life
- 4000K color temperature
- High-efficiency dimmable LED on standard triac dimmers

Listings

cUL Listed to U.S. and Canadian safety standards and suitable for damp locations.

LED LOW-PROFILE ROUND



Example: FMLRL 11 14840

ORDERING INFORMATION

Specifications subject to change.

Series

FMLRL 11 14840	11" LED low profile round flush mount, >80CRI, 4000K
FMLRL 14 20840	14" LED low profile round flush mount, >80CRI, 4000K

ADDITIONAL INFORMATION

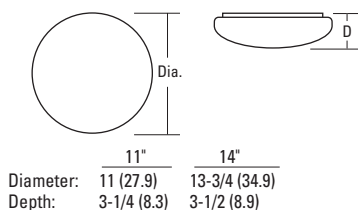
For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

Height:	FMLRL 11 – 2-7/8 (7.3) FMLRL 14 – 3-1/8 (7.9)
Width:	FMLRL 11 – 11 (27.9) FMLRL 14 – 13-11/16 (34.7)

All dimensions are inches (centimeters) unless otherwise indicated.

**PRODUCT INFORMATION****Intended Use**

Provides general illumination in commercial and residential applications. Ideal for use in closets, foyers, hallways, corridors, bedrooms, offices, utility work areas, stairways and more.

Features

- The beauty of simplicity in low-profile square, stay-white, acrylic diffuser
- Available in 11" and 14" sizes
- Hidden cam-latches provide easy diffuser removal for installation and maintenance

- 11" units produce 1,100 lumens and 14" units produce 1,600 lumens; both at 50,000 hours life
- 4000K color temperature
- High-efficiency dimmable LED on standard triac dimmers
- All mounting hardware included

Listings

cUL Certified to U.S. and Canadian safety standards and listed suitable for damp locations.

LED LOW-PROFILE SQUARE



Example: FMLSL 11 14840

ORDERING INFORMATION

Specifications subject to change.

Series

FMLSL 11 14840	11" LED low profile square flush mount, >80 CRI, 4000K
FMLSL 14 20840	14" LED low profile square flush mount, >80 CRI, 4000K

ADDITIONAL INFORMATION

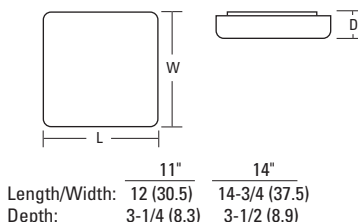
For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications

Height:	FMLSL 11 – 2-7/8 (7.3) FMLSL 14 – 3-1/8 (7.9)
Width:	FMLSL 11 – 11 (27.9) FMLSL 14 – 13-11/16 (34.7)

All dimensions are inches (centimeters) unless otherwise indicated.



17" ROUND LED



Intended Use

Provides general illumination in commercial and residential applications. Ideal for use in closets, foyers, hallways, corridors, living rooms, bedrooms, offices, stairways and more.

Features

- Replaces 28-60W incandescent fixtures
- Modern, low-profile flush mount design
- Durable molded diffuser is easy to install in metal housing

- Two finishes available
- Produces 1,500 lumens at 50,000 hours life
- Multiple color temperature options available
- High-efficiency dimmable LED on standard triac dimmers

Listings

cUL Certified to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

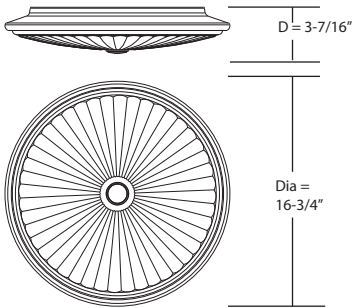
Example: FMDCGL 16 20840 BN

Series	CRI/Color temperature				Finish	
	CRI	Color Temperature				
FMDGCL 16 LED Flush Mount 17" diameter	208 >80	40	4000K		BN	Brushed Nickel
		35	3500K		BZ	Bronze
		30	3000K			
		27	2700K			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Intended Use

Provides general illumination in commercial and residential applications. Ideal for use in closets, foyers, hallways, corridors, living rooms, bedrooms, offices, stairways and more.

Features

- Replaces 28-60W incandescent fixtures
- Modern, low-profile flush mount design
- Durable molded diffuser is easy to install in metal housing

- Two finishes available
- Produces 1,500 lumens at 50,000 hours life
- Multiple color temperature options available
- High-efficiency dimmable LED on standard triac dimmers

Listings

cUL Certified to U.S. and Canadian safety standards.

14" ROUND LED

**ORDERING INFORMATION**

Specifications subject to change.

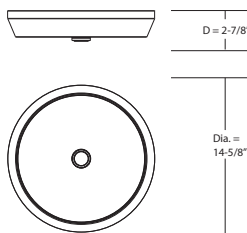
Example: FMDDHL 14 20830 BN

Series	CRI/Color temperature				Finish	
	CRI		Color temperature			
FMDDHL 14 LED Flush Mount 14" diameter	208	>80	40	4000K	BN	Brushed Nickel
			35	3500K	BZA	Antique Bronze
			30	3000K		
			27	2700K		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**PRODUCT INFORMATION****Intended Use**

Provides general illumination in commercial and residential applications. Ideal for use in closets, foyers, hallways, corridors, bedrooms, dens, offices, stairways and more.

Features

- Replaces 28-60W incandescent fixtures
- Transitional, low-profile flush mount with complementing metallic highlight

- Durable molded acrylic diffuser offers unique design neutral enough for many applications
- One finish available
- Produces 1,500 lumens at 50,000 hours life
- Multiple color temperature options available
- High-efficiency dimmable LED on standard triac dimmers

Listings

cUL Certified to U.S. and Canadian safety standards.

14" ROUND LED

**ORDERING INFORMATION**

Specifications subject to change.

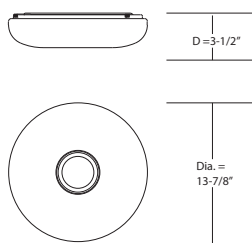
Example: FMKMRL 14 20830 KR

Series	CRI/Color temperature				Finish	
	CRI		Color temperature			
FMKMRL 14 LED Flush Mount 14" diameter	208	>80	40	4000K	KR	Polished Chrome
			35	3500K		
			30	3000K		
			27	2700K		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



LED SATURN

13" and 16"



Intended Use

Provides general illumination in commercial and residential applications. Ideal for use in closets, foyers, hotel and condo hallways, corridors, bedrooms, living rooms, dens, offices, stairways and more.

Features

- Replaces 28-60W incandescent fixtures
- Sleek, ultra low-profile flush mount complements a variety of design applications
- Complemented with matching housing in either a brushed nickel or an antique bronze finish

- Available in 13" and 16" sizes
- 13" units produce 1,000 lumens and 16" units produce 1,500 lumens; both at 50,000 hours life
- Available in multiple color temperatures
- High-efficiency dimmable LED on standard triac dimmers
- All mounting hardware included

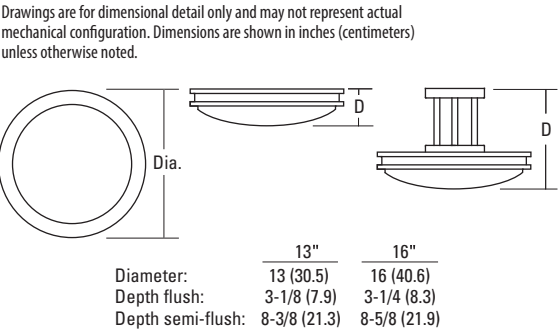
Listings

cUL Certified to U.S. and Canadian safety standards.

ORDERING INFORMATION		Specifications subject to change.					Example: FMSATL 13 20840 BN	
Series		Size		CRI/Color temperature			Finish	
FMSATL	LED Flush Mount	13	13"	CRI 208	>80	Color Temperature	BN	Brushed Nickel
		16	16"			40	BZA	Antique Bronze
						35		
						30		
						27		

ADDITIONAL INFORMATION	For additional product information, visit www.lithonia.com .
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ACCESSORIES/REPLACEMENT PARTS	
PKSATL BN	Pendant Mounting Kit - Brushed Nickel
PKSATL BZA	Pendant Mounting Kit - Antique Bronze
DKSATL 13	13" replacement acrylic diffuser
DKSATL 16	16" replacement acrylic diffuser



PRODUCT INFORMATION

Intended Use

The Ferros family of lighting fixtures provides general illumination in residential and light commercial applications. Ideal for use in dining areas, kitchens, foyers, hallways, bathrooms and hospitality.

Features

- Transitional style offered in unique bronze finish with tea-stained glass or brushed-nickel finish with acid-etched, frosted glass
- All fixtures in Ferros family feature matching finials, canopy stems
- Includes 2700K fluorescent lamps for energy efficiency, superior color rendering and long life

- Residential-grade electronic ballast (120V, 60Hz) ensures no flickering and quiet operation without interfering with other electronics
- All mounting hardware included
- Use with non-dimmable switches only

Listings

UL Listed to U.S. and Canadian safety standards.

FERROS

Family



ORDERING INFORMATION

Specifications subject to change.

Example: 11530 BZA

Series ¹		Ballast ¹	Finish	Options
<u>Flush/semi-flush</u> ²	<u>Vanity</u> ³	<u>Mini-pendant</u> ^{3,4}		
11530 14" diameter, (1) 55W 2C T6 lamp	11532 2-light, (2) 13W lamps	11536 (1) 13W lamp	BZA Antique bronze	Consult factory.
<u>Sconce</u> ³	11533 3-light, (3) 13W lamps	<u>Pendant</u> ^{2,5}	BN Brushed nickel	
11531 (1) 13W lamp	11534 4-light, (4) 13W lamps	11538 (1) 70W 2C T6 lamp		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

Dimensions are shown in inches (centimeters) unless otherwise noted.

DESCRIPTION	SERIES	NUMBER OF LAMPS/ LAMP TYPE	LENGTH	HEIGHT	DEPTH ⁶
Pendant	11538	(1) 70W 2CT6	24 (61.0)	24 (61.0)	up to 66-5/8 (169.2) w/chain
Flush/ semi-flush	11530	(1) 55W 2CT6	14 (35.6)	14 (35.6)	flush: 6-5/8 (16.8); semi-flush: 9-5/8 (24.4)
Mini-pendant	11536	(1) 13W GU24 integrated spiral	5 (12.7)	5 (12.7)	13-7/8 (35.2)
Sconce	11531	(1) 13W GU24 integrated spiral	4-1/2 (11.4)	9-3/8 (23.8)	6-1/8 (15.6)
2-light vanity	11532	(2) 13W GU24 integrated spiral	14-1/4 (36.2)	9-7/8 (25.1)	6-1/8 (15.6)
3-light vanity	11533	(3) 13W GU24 integrated spiral	24 (61.0)	9-7/8 (25.1)	6-1/8 (15.6)
4-light vanity	11534	(4) 13W GU24 integrated spiral	33-3/4 (85.7)	9-7/8 (25.1)	6-1/8 (15.6)

Notes

- 1 Use with non-dimmable switches only.
- 2 Includes (1) 2C 6T 2700K fluorescent lamp.
- 3 Includes 13W compact full spiral 2700K fluorescent lamp(s).
- 4 Supplied with 72" of power cord.
- 5 Supplied with 11' of power cord.
- 6 Extension from wall or ceiling.

SHEFFIELD

Family



Intended Use
The Sheffield family of lighting fixtures provides general illumination in residential and light commercial applications. Ideal for use in dining areas, kitchens, foyers, hallways, bathrooms, and hospitality areas.

- Features**
- Distinctive traditional style with black bronze finish and satin-etched, swirled white glass diffuser
 - Includes 2700K double twin tube (flush/semi flush) or triple tube (pendant/vanity) compact fluorescent lamps for energy efficiency, superior color rendering, and long life

- Residential-grade electronic ballast (120V, 60Hz) ensures no flickering, quiet operation, does not interfere with other home electronics
- Use with non-dimmable switches only
- All mounting hardware included

Listings
UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION			Specifications subject to change.			Example: 11780 BZ			
Series ^{1,2}			Ballast ²			Finish		Options	
<u>Flush/semi-flush</u>		<u>Pendant³</u>	<u>Vanity</u>		(blank) 120V residential electronic ballast (standard) For other voltage and ballast, consult factory.	BZ Bronze		Consult factory.	
11780	11" diameter, (2) 13W DTT lamps	11786	23" diameter, (3) 18W integrated spiral	11790					2-light, (2) 13W DTT lamps
11782	13" diameter, (2) 18W DTT lamps	<u>Sconce</u>		11792					3-light, (3) 13W DTT lamps
11784	15" diameter, (1) 55W 2CT6	11788	(1) 13W DTT lamp	11794					4-light, (4) 13W DTT lamps

CONFIGURATIONS						
Dimensions are shown in inches (centimeters) unless otherwise noted.						
DESCRIPTION	SERIES	NUMBER OF LAMPS/ LAMP TYPE	LENGTH	HEIGHT	FLUSH DEPTH ⁴	SEMI-FLUSH DEPTH ⁴
11" flush/semi-flush	11780	(2) 13W DTT (G24q-1)	11 (27.9)	N/A	4-7/8 (12.4)	12-3/4 (32.4)
13" flush/semi-flush	11782	(2) 18W DTT (G24q-2)	13 (33.0)	N/A	5-3/8 (13.6)	13 (33.0)
15" flush/semi-flush	11784	(1) 55W 2CT6	15 (38.2)	N/A	6 (15.2)	13-3/4 (34.9)
23" pendant ³	11786	(3) 18W TRT (G24q-2)	22-3/4 (57.8)	N/A	N/A	up to 72 (182.9) w/chain
Sconce	11788	(1) 13W DTT	6 (15.2)	N/A	7-1/4 (18.4)	N/A
2-light vanity	11790	(2) 13W DTT	20-3/8 (51.8)	9 (22.9)	7-3/4 (19.7)	N/A
3-light vanity	11792	(3) 13W DTT	28-7/8 (73.4)	9 (22.9)	7-3/4 (19.7)	N/A
4-light vanity	11794	(4) 13W DTT	37-1/4 (94.6)	9 (22.9)	7-3/4 (19.7)	N/A

Notes

1 2700K compact fluorescent lamps included.
2 Use with non-dimmable switches only.
3 3' of chain and 10' of wire provided.
4 Extension from wall or ceiling.

PRODUCT INFORMATION

Linear Design

Intended Use

Provides general illumination in residential and light commercial applications. Ideal for use in offices and all rooms in the home.

Features

- Decorative scrollwork cast end caps available in antique bronze with an extruded white acrylic diffuser
- Available in 4' or 2'
- Utilizes (2) 32W linear T8 or (2) 17W linear T8 straight tube fluorescent lamps for energy efficiency, superior color rendering and long life (not included)



- Residential electronic ballast (120V, 60Hz) ensures no flickering, quiet operation without interfering with other electronics
- For use with non-dimmable switches only
- All mounting hardware included

Listings

UL Listed (standard) and CSA Certified suitable for damp locations and ENERGY STAR® qualified (10814 only). For non-RE ballast fixtures, UL Listed (standard) and CSA Certified (see Options).

ARTISTEN



ORDERING INFORMATION

Specifications subject to change.

Example: 10814 BZA

Series ¹	Ballast ²	Finish	Options
10814 1' x 4', (2) 32W linear T8 lamps	(blank) 120V residential electronic ballast (standard)	BZA Antique bronze	Consult factory.
10816 1' x 2', (2) 17W linear T8 lamps	For other voltage and ballast, consult factory.		

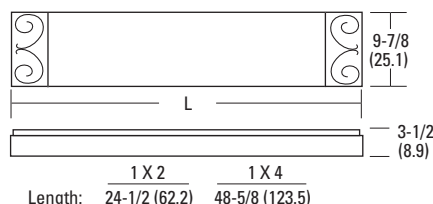
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

ACCESSORIES/REPLACEMENT PARTS

DFAL48 48" two-light acrylic diffuser



Notes

- Lamps not included.
- Use with non-dimmable switches only.

PRODUCT INFORMATION

Linear Design

Intended Use

Provides general illumination in residential and light commercial applications. Ideal for use in offices and all rooms in the home.

Features

- Contemporary design complements decors with modern sensibility using simple, sleek cast end caps
- Available in brushed nickel with an extruded white acrylic diffuser
- Available in 4' or 2'
- Utilizes (2) 32W linear T8 straight tube fluorescent lamps for energy efficiency, superior color rendering and long life (not included)



- Residential electronic ballast (120V, 60Hz) ensures no flickering and quiet operation without interfering with other electronics
- Also available in other ballast configurations
- For use with non-dimmable switches only

Listings

UL Listed (standard) and CSA Certified suitable for damp locations and ENERGY STAR® qualified (10813 only). For non-RE ballast fixtures, UL Listed (standard) and CSA Certified (see Options).

FUTRA



ORDERING INFORMATION

Specifications subject to change.

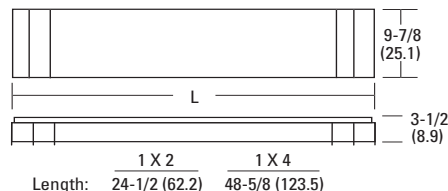
Example: 10813 BN

Series ¹	Ballast ²	Finish	Options
10813 1' x 4', (2) 32W linear T8 lamps	(blank) 120V residential electronic ballast (standard)	BN Brushed nickel	Consult factory.
10815 1' x 2', (2) 17W linear T8 lamps	For other voltage and ballast, consult factory.		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Lamps not included.
- Use with non-dimmable switches only.

LITEPUFF®



Intended Use

Provides general illumination in residential and light commercial applications. Ideal for use in kitchens, offices, utility areas or closets.

Features

- Durable, milk-white acrylic diffuser provides widespread, uniform illumination
- Low-profile styling complements a variety of decors
- Clip-on diffuser provides easy access and maintenance
- Utilizes T8 linear lamps for energy efficiency, superior color rendering and long life (not included)

- Residential electronic ballast (120V, 60Hz) ensures no flickering and quiet operation without interfering with other electronics
- For use with non-dimmable switches only

Listings

RE ballast fixtures are UL Listed (standard) and CSA Certified suitable for damp locations and ENERGY STAR® qualified (10640 and 10642 only). For non-RE ballast fixtures, UL Listed (standard) and CSA Certified (see Options).



ORDERING INFORMATION

Specifications subject to change.

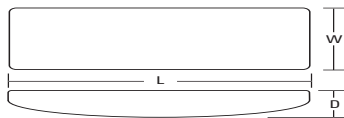
Example: 10640RE

Series/Ballast ^{1,2}		Lamp type	Voltage		Options	
Series ¹	Ballast ²	<u>RE ballast fixtures only</u>		<u>RE ballast fixtures only</u>		
10640 1' x 4', (2) 32W T8 lamps	RE 120V residential electronic ballast (standard)	(blank) No specification required		(blank) No specification required		GEB Electronic ballast, ≤20% THD
10641 1-1/2' x 2', (4) 17W T8 lamps		<u>Non-RE ballast fixtures only</u>		<u>Non-RE ballast fixtures only</u>		GEB10IS T8 electronic ballast, ≤10% THD, instant start
10651 2' x 2', (2) 31W T8-U lamps		17 17W T8 (2' fixtures only)	MVOLT Multi-volt			GEB10RS T8 electronic ballast, ≤10% THD, rapid start
10642 1-1/2' x 4', (4) 32W T8 lamps		U31 31W T8-U31 (1-5/8" leg) ³	120 120V			CSA Meets Canadian standards ⁴
For other voltage and ballast, consult factory.		U316 31W T8-U316 (6" leg) ³	277 277V			For other options, consult factory.
		32 32W T8 (4' fixtures only)	347 347V	For other voltage, consult factory.		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	1 X 4	1-1/2 X 4	2 X 2	1-1/2 X 4
Length:	51-1/2 (130.8)	27-3/8 (69.5)	27-3/8 (69.5)	51-1/2 (130.8)
Width:	11-1/4 (28.6)	16-5/8 (42.2)	27 (68.6)	16-5/8 (42.2)
Depth:	5-1/2 (14.0)	5-1/2 (14.0)	6-1/2 (16.5)	5-1/2 (14.0)

Notes

- 1 Lamps not included.
- 2 Use with non-dimmable switches only.
- 3 Only available with 2' x 2' fixtures (U31 also can be ordered on RE ballast 2' x 2' fixtures).
- 4 CSA standard on RE ballast fixtures.

PRODUCT INFORMATION

Linear Design

CIRRUS®



Intended Use

Provides general illumination in residential and light commercial applications. Ideal for use in kitchens, offices, utility areas or closets.

Features

- Durable, milk-white acrylic diffuser provides widespread, uniform illumination
- Low-profile styling complements a variety of decors
- Utilizes T8 linear lamps (not included) for energy efficiency, superior color rendering and long life

- Residential electronic ballast (120V, 60Hz) ensures no flickering, quiet operation without interfering with other electronics
- For use with non-dimmable switches only

Listings

RE ballast fixtures are UL Listed (standard) and CSA Certified suitable for damp locations and ENERGY STAR® qualified. For non-RE ballast fixtures, UL Listed (standard) and CSA Certified (see Options).



ORDERING INFORMATION

Specifications subject to change.

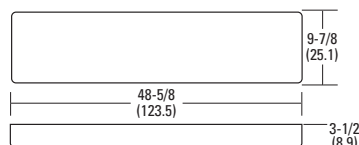
Example: 11602RE

Series/Ballast ^{1,2}		Lamp type	Voltage		Options		
Series ¹	Ballast ²	<u>RE ballast fixtures only</u>	<u>RE ballast fixtures only</u>	<u>Non-RE ballast fixtures only</u>			
11602	1' x 4', (2) 32W T8 lamps	RE 120V residential electronic ballast (standard)	(blank) No specification required	(blank) No specification required	MVOLT	Multi-volt	GEB Electronic ballast, ≤20% THD
11604	1' x 4', (4) 32W T8 lamps						GEB10IS T8 electronic ballast, ≤10% THD, instant start
For other voltage and ballast, consult factory.		<u>Non-RE ballast fixtures only</u>			120	120V	GEB10RS T8 electronic ballast, ≤10% THD, rapid start
		32	32W T8		277	277V	CSA Meets Canadian standards ³
					347	347V	
					For other voltage, consult factory.		For other options, consult factory.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Lamps not included.
- 2 Use with non-dimmable switches only.
- 3 CSA standard on RE ballast fixtures.

Intended Use

Provides general illumination in residential and light commercial applications. Ideal for use in offices and all rooms in the home.

Features

- Classic wrap with extruded clear prismatic acrylic diffuser and nickel or bronze finish end caps
- Unique flush mounting system eliminates light leaks
- Durable, clear acrylic diffuser provides widespread, uniform illumination
- Clip-on diffuser provides easy access for cleaning and maintenance



- Utilizes (2) 32W linear T8 lamps for energy efficiency, superior color rendering and long life (not included)
- Residential electronic ballast (120V, 60Hz) ensures no flickering, quiet operation without interfering with other electronics
- For use with non-dimmable switches only
- All mounting hardware included

Listings

cUL Listed to U.S. and Canadian safety standards and suitable for damp locations. ENERGY STAR® qualified.

NICKEL END WRAP

**ORDERING INFORMATION**

Specifications subject to change.

Example: NEW 2 32 120 RE BN

Series ¹	Number of lamps ²	Lamp type	Voltage	Ballast	Finish	Options
NEW 1' x 4'	2	32 32W linear T8 lamps	120 120V	RE 120V residential electronic ballast (standard) For other voltage and ballast, consult factory.	BN Brushed nickel BZ Bronze	Consult factory.

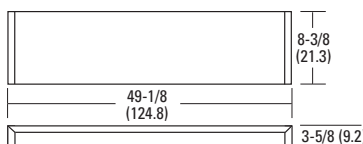
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

ACCESSORIES/REPLACEMENT PARTS

DNEW48 Clear prismatic acrylic lens

**Notes**

- 1 Use with non-dimmable switches only.
- 2 Lamps not included.

PRODUCT INFORMATION

Linear Design

Intended Use

Provides general illumination in residential and light commercial applications. Ideal for use in offices and all rooms in the home.

Features

- Classic wrap with solid wood oak ends in oak or white finishes
- Low-profile styling complements a variety of decors
- Unique flush-mount system eliminates light leaks
- Clip-on diffuser provides easy access for cleaning and maintenance



- Utilizes linear T8 lamps for energy efficiency, superior color rendering and long life (not included)
- Residential electronic ballast (120V, 60Hz) ensures no flickering and quiet operation without interfering with other electronics
- For use with non-dimmable switches only
- All mounting hardware included

Listings

RE ballast fixtures are UL Listed and CSA Certified (standard), suitable for damp locations and ENERGY STAR® qualified.

OAK END WRAP

**ORDERING INFORMATION**

Specifications subject to change.

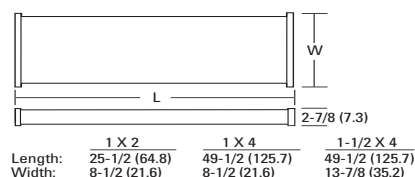
Example: 10635RE OA

Series/Ballast ^{1,2,3}	Diffuser	Finish	Lamp type	Voltage	Options
Series¹					
10635 1' x 2', (2) 17W T8 lamps	RE 120V residential electronic ballast (standard)	(blank) Clear lens	OA Solid oak frame	RE ballast fixtures only (blank) No specification required	RE ballast fixtures only (blank) No specification required
10636 1' x 4', (2) 32W T8 lamps			Non-RE ballast fixtures only	Non-RE ballast fixtures only	
10637 1-1/2' x 4', (4) 32W T8 lamps			17 17W T8 (2' fixtures only)	MVOLT Multi-volt	
			32 32W T8 (4' fixtures only)	120 120V	
				277 277V	
				347 347V	
For other voltage and ballast, consult factory.					
					GEB Electronic ballast, ≤20% THD
					GEB10IS T8 electronic ballast, ≤10% THD, instant start
					GEB10RS T8 electronic ballast, ≤10% THD, rapid start
					CSA Meets Canadian standards ³
					For other options, consult factory.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Lamps not included.
- 2 Use with non-dimmable switches only.
- 3 CSA standard on RE ballast fixtures.

PRODUCT INFORMATION

CYLINDER



- Intended Use**
Provides general illumination in residential and commercial applications. Ideal for use in restrooms, hallways, stairways, utility areas and over hospital beds.
- Features**
- A sleek, cylinder white acrylic diffuser with accenting brushed nickel end caps and matching brushed nickel canopy complements a variety of décors
 - Diffuser provides widespread uniform illumination
 - End caps allow easy access for cleaning and maintenance

- Available in 2', 3' and 4' lengths
- Includes (2) linear T5, 3000K fluorescent lamps for energy efficiency, superior color rendering and long life
- Residential electronic ballast (120V, 60Hz) ensures no flickering, quiet operation without interfering with other electronics
- For use with non-dimmable switches only
- All mounting hardware included

Listings
cUL Listed to U.S. and Canadian safety standards and listed as suitable for damp locations. ADA compliant.

ADA

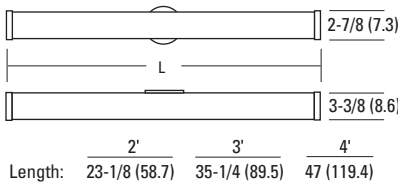
ORDERING INFORMATION		Specifications subject to change.		Example: 11802RET5 BN	
Series ¹	Ballast ²	Finish	Options		
11802RET5 2', (2) 14W linear T5 lamps	(blank) 120V residential electronic ballast (standard)	BN Brushed nickel	Consult factory.		
11803RET5 3', (2) 21W linear T5 lamps					
11804RET5 4', (2) 28W linear T5 lamps	For other voltage and ballast, consult factory.				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

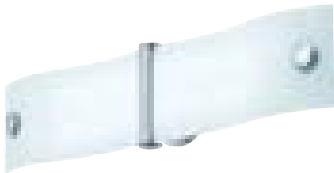
ACCESSORIES/REPLACEMENT PARTS	
DMICY 24	2' matte white acrylic diffuser
DMICY 36	3' matte white acrylic diffuser
DMICY 48	4' matte white acrylic diffuser

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes
1 Includes (2) linear T5 3000K fluorescent lamps.
2 Use with non-dimmable switches only.

WING



Intended Use

Provides general illumination in residential and commercial applications. Ideal for use in restrooms, hallways, stairways, utility areas and areas over hospital beds.

Features

- Curved etched-glass diffuser complimented by polished brushed nickel accents and finials
- Diffuser provides uniform illumination
- Finials allow easy access for cleaning and maintenance
- Available in 2', 3' and 4' lengths

- Includes (2) linear T5, 3000K fluorescent lamps for energy efficiency, superior color rendering and long life
- Residential electronic ballast (120V, 60Hz) ensures no flickering; quiet operation without interfering with other electronics
- For use with non-dimmable switches only
- All mounting hardware included

Listings

cUL Listed to U.S. and Canadian safety standards and listed as suitable for damp locations.

ADA

ORDERING INFORMATION

Specifications subject to change.

Example: 10842RET5 BNP

Series ¹	Ballast ²	Finish	Options
10842RET5 2', (2) 14W linear T5 lamps	(blank) 120V residential electronic ballast (standard)	BNP Polished brushed nickel	Consult factory.
10843RET5 3', (2) 21W linear T5 lamps	For other voltage and ballast, consult factory.		
10844RET5 4', (2) 28W linear T5 lamps			

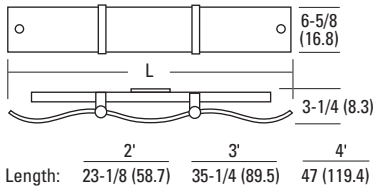
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES/REPLACEMENT PARTS

DWGEP	Etched-glass end panel (right or left)
DWGPC	Etched-glass front center panel (3' and 4' fixtures only)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Includes (2) linear T5 3000K fluorescent lamps.
- 2 Use with non-dimmable switches only.

PRODUCT INFORMATION

Vanities

LITEPUFF®



Intended Use

Ideal for use as general illumination in restrooms, hallways, stairwells, utility areas and over hospital beds.

Features

- UV-stabilized one-piece white acrylic diffuser provides soft, uniform illumination
- Utilizes (2) linear T8 fluorescent lamps for energy efficiency, superior color rendering and long life (not included)

- Residential electronic ballast (120V, 60Hz) ensures no flickering and quiet operation without interfering with other electronics
- For use with non-dimmable switches only

Listings

UL Listed (standard), CSA Certified or NOM Certified (see Options). ADA compliant.

ADA

ORDERING INFORMATION

Specifications subject to change.

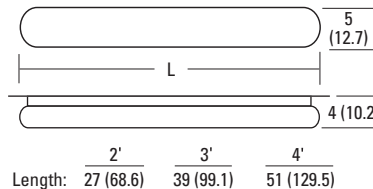
Example: 11890RE

Series/Ballast ^{1,2}		Options
Series ¹	Ballast ²	
11890 2', (2) 17W T8 lamps	RE 120V residential electronic ballast (standard)	CSA Meets Canadian standards
11891 3', (2) 25W T8 lamps		NOM Meets Mexican standards
11892 4', (2) 32W T8 lamps		
For other voltage and ballast, consult factory.		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Lamps not included.
- 2 Use with non-dimmable switches only.

PRODUCT INFORMATION

Vanities

CONTEMPORARY



Intended Use

Provides general illumination for residential and commercial applications. Ideal for use in restrooms, hallways, stairways, utility areas and over hospital beds.

Features

- Fashionable look in white matches any décor
- White end caps available in 1- and 2-lamp configurations
- Durable milk-white acrylic diffuser provides a wide-spread uniform illumination
- Suitable for vertical or horizontal mounting
- Available in 2', 3' and 4' lengths

- Residential electronic ballast (120V, 60Hz) ensures no flickering and quiet operation without interfering with other electronics

- For use with non-dimmable switches only

- All mounting hardware included

Listings

cUL Listed to U.S. and Canadian safety standards and suitable for damp locations on RE ballast fixtures. For non-RE ballast, UL Listed and CSA Certified (standard). NOM Certified (see Options). ADA Compliant.

ADA

ORDERING INFORMATION

Specifications subject to change.

Example: 11852RE

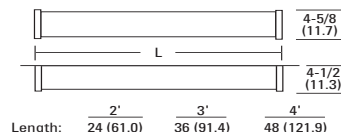
Series/Ballast ^{1,2}		Voltage	Options
Series ¹	Ballast ²		
11852 2', (2) 17W linear T8 lamps	RE 120V residential electronic ballast (standard)	<u>RE ballast fixtures only</u>	GEB Electronic ballast, ≤20% THD
11872 2', (1) 17W linear T8 lamp		(blank) No specification required	GEB10IS T8 electronic ballast, ≤10% THD, instant start
11853 3', (2) 25W linear T8 lamps		<u>Non-RE ballast fixtures only</u>	GEB10RS T8 electronic ballast, ≤10% THD, rapid start
11873 3', (1) 25W linear T8 lamp		MVOLT Multi-volt	NOM Meets Mexican standards
11854 4', (2) 32W linear T8 lamps		120 120V	For other options, consult factory.
11874 4', (1) 32W linear T8 lamp		277 277V	
For other voltage and ballast, consult factory.		347 347V	
		For other voltage, consult factory.	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES/REPLACEMENT PARTS

DWC24	White acrylic diffuser 2'
DWC36	White acrylic diffuser 3'
DWC48	White acrylic diffuser 4'



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Lamps not included.
- 2 Use with non-dimmable switches only.

PRODUCT INFORMATION

Cabinet Light

Intended Use

Provides task or accent lighting in commercial, retail, hospitality and residential applications. Ideal for use under and over cabinets, display cases, task lighting, office lighting, coves and utility/work areas.

Features

- Replaces up to a 25W T8
- Rugged low profile aluminum housing, available in either white, bronze, or brushed nickel finish
- Low profile design, with integrated driver, can be direct wired or powered by 5' cord-and-plug (included)

- Adjustable swivel head
- 12" unit produces 226lm at 5W, 18" unit produces 377lm at 9W and 24" unit produces 504lm at 12W
- Linkable - Connect multiple fixtures with 13" connector cord (Included)
- Available in 2700K or 3000K CCTs, CRI > 80
- Dimmable

Listings

cUL Listed to U.S. and Canadian safety standards. ENERGY STAR® and Title 24 qualified.

UCLD

LED Cabinet Light



ORDERING INFORMATION

Specifications subject to change.

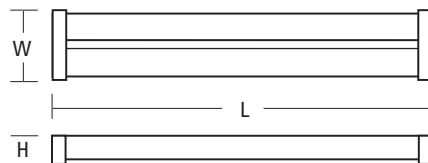
Example: UCLD 12 WH

Series		Driver		Color temperature		Finish	
UCLD 12	12" long with 3 LEDs	(blank)	120V dimmable driver	(blank)	3000K	WH	White
UCLD 18	18" long with 5 LEDs			2700	2700K	BZ	Bronze
UCLD 24	24" long with 7 LEDs					BN	Brushed nickel

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications
Length: UCLD 12 - 12 (30.5)
UCLD 18 - 18 (45.7)
UCLD 24 - 24 (60.9)
Width: 3-5/8 (9.2)
Height: 1 (2.5)
All dimensions are inches (centimeters)

PRODUCT INFORMATION

RAYZER

Modular LED Lighting System

**Intended Use**

Provides task or accent lighting in commercial, retail, hospitality and residential applications. Ideal for use under and over cabinets, display cases, task lighting, office lighting, coves and utility/work areas.

Features

- Replaces up to a 17W T8
- Durable aluminum construction in a low-profile design. Can be plugged in or direct-wired (splice box and 24" connector cord required for direct-wiring)

- Up to 80% of energy savings vs. fluorescent and xenon
- Multiple installation options
- Linkable functionality
- Slim profile - only 1/2" in height
- Requires 24V step down transformer kit (sold separately)
- Available in 9", 12", 18" and 24" lengths

Listings

cUL Listed to U.S. and Canadian safety standards.



ORDERING INFORMATION

Specifications subject to change.

Example: RAZ18

Series	Options
RAZ9 9" length - 3 LEDs	Consult factory.
RAZ12 12" length - 4 LEDs	
RAZ18 18" length - 6 LEDs	
RAZ24 24" length - 8 LEDs	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES/REPLACEMENT PARTS	
RAZTRANS24 120	24V transformer - 120V power source
RAZTRANS24 MVOLT	24V transformer- Multi-Volt power source
RAZDIM	Step dimmer with remote touch pad
RAZ CC121	121" Linking cord (fixture to fixture)
RAZ CC24	24" linking cord (fixture to fixture)
RAZ CC3	3" linking cord (fixture to fixture)
RAZLVCC	Low voltage linking cord (cord to cord)
RAZ ERC	End row connector
RAZ PHD	Power hub distributor
RAZ INLS26	In-line power switch
UCD JB	Splice box - white (required for direct wire)
UCD JB BL	Splice box - black (required for direct wire)
UC ERC24 R12	24" connector cord - white (required for direct wire)
UC ERC24 BL	24" connector cord - black (required for direct wire)

Specifications

Length: RAZ9 - 9-1/4 (23.5)
 RAZ12 - 12-1/4 (31.1)
 RAZ18 - 18-1/4 (46.4)
 RAZ24 - 24-1/4 (61.6)
 Width: 1-1/4 (3.18)
 Height: 1/2" (1.27)

All dimensions are inches (centimeters)

Notes

- 1 Lamps not included.
- 2 Use with non-dimmable switches only.

PRODUCT INFORMATION

Cabinet Light

Intended Use

For use where accent or task lighting is needed. Ideal for cabinet lighting in kitchens, offices and bookcases.

Features

- Slim-profile design with on/off switch
- Rugged powder-coated steel housing
- Acrylic diffuser provides soft, widespread illumination with zip-lock design for easy maintenance and superior retention
- Available in white or bronze finish

- No wiring required for plug-in; fixture-to-outlet connector included with each fixture
- Top or back-side flush knockouts provided with direct wire
- Pre-installed, poke-home connectors eliminate the need for wire nuts
- 13" connector cord with safety lock included with fixture for linking additional fixtures together

Listings

UL Listed to U.S. and Canadian safety standards.

LINKABLE T5 FLUORESCENT



Example: UC5D 8 120 LP

ORDERING INFORMATION

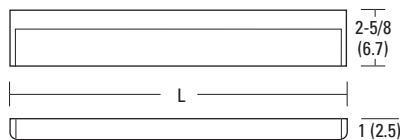
Specifications subject to change.

Series ¹	Number of lamps	Voltage ²	Lamped ³	Finish
UCSD	8 12", (1) 8W T5 lamp	120 120V electronic ballasts (standard)	LP Lamp included (standard)	(blank) White
	14 23", (2) 14W T5 lamps			BZ Bronze
	21 34", (3) 21W T5 lamps			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Length: 12" 23" 34"
12-1/4 (31.1) 22-3/4 (57.8) 34-1/2 (87.6)

Notes

- 1 Maximum quantity of cabinet fixtures that can be connected from a single power source cannot exceed 540W from the lamp wattage.
- 2 Use with non-dimmable switches only.
- 3 Includes T5 fluorescent lamp.

PRODUCT INFORMATION

Cabinet Light

Intended Use

Splice box allows for quick and easy direct wiring. Features snap-on cover pre-installed poke-home wire connectors and mounting hardware.

Features

- Linkable cabinet lights come standard with a 13" connector cord
- A 24" connector cord is available for longer-length connections between fixtures
- Row connectors allow continuous connections with minimal (1/8") spacing between fixtures

- Side-by-side connections reduce shadow between fixtures for uninterrupted light across countertops or work areas
- 18" white cord cover keeps fixture-to-fixture connector cords and cord-and-plugs hidden
- Self-adhesive strip on upper side of cover adheres to most surfaces
- Cord cover can be cut to accommodate shorter distances between fixtures

Listings

UL Listed to U.S. and Canadian safety standards.

LINKABLE ACCESSORIES



ORDERING INFORMATION

Specifications subject to change.

ACCESSORIES/REPLACEMENT PARTS

UCD JB M12	Splice box for quick and easy direct wiring
UC ERC R12	1-1/8" row connector for end-to-end connections ¹
UC ERC24 R12	24" connector cord for longer-length connections ¹
UCH WW C R12	18" white cord cover for concealing cord ¹

Notes

- 1 Resale packs must be ordered in increments of 12.



LITHONIA LIGHTING® INDUSTRIAL

Lithonia Lighting offers a wide selection of products to address high-mount and low-mount, new construction and renovation lighting applications. Our industrial lighting luminaires are designed to withstand dirt, heat, moisture and corrosives while incorporating the latest in energy-saving technology and design. This provides the assurance of high-quality, superior-performance products that meet budget requirements.

Additionally, LED technology has allowed for development of industrial fixtures that maximize total cost of ownership within applications such as warehousing, manufacturing, gymnasiums, convention centers and retail spaces.



526



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542



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HID	581-593

PROTEON

PTN



Intended Use

Ideal one-for-one replacement of conventional high bay systems such as HID and fluorescent. Applications include manufacturing, warehousing, cold storage, commercial, retail, and other large indoor spaces with mounting heights ranging from 15–40' and ambient temperatures between -13°F (-25°C) and 122°F (50°C).

Features

- Extruded heat sink allows for superior thermal management
- Access plate on back of channel allows for quick and easy wiring

- Focus, narrow and wide distributions available
- Reflectors feature precision-formed optics utilizing 97%+ reflective Alandor® MIRO-SILVER® specular aluminum
- Thermally protected driver(s) standard with 0-10V dimming
- Surge protection standard

Listings

CSA Certified to U.S. and Canadian safety standards (UL1598 and C22.2NO.250.0-08). Damp location. Patented design.

ORDERING INFORMATION

Specifications subject to change.

Example: PTN 12000L ND LP750

Series	Lumens	Distribution	Lens	Voltage	Color temperature	Finish
PTN	6000L 6,000 lumens ¹	FD Focus	(blank) Semi-diffuse acrylic	(blank) MVOLT	LP740 70 CRI, 4000K CCT	(blank) Textured dark gray with aluminum accents
	12000L 12,000 lumens ¹	ND Narrow	HD125 High-diffuse acrylic	120 120V	LP750 70 CRI, 5000K CCT	DBLB Textured black with aluminum accents
	18000L 18,000 lumens ^{1,2}	MD Medium		208 208V		DWH Gloss white with aluminum accents
		WD Wide		277 277V		DNA Gloss natural aluminum with natural aluminum accents
				347 347V ³		
				480 480V ³		

Options

DLC	Meets DesignLights Consortium® (DLC) requirements for high bay lighting ⁴	BSL722	Bodine® emergency LED battery pack for 0°C and up ^{6,7,8}	MSI360	360° motion sensor, pre-wired ^{13,14}
CS1W	Straight plug, 120V ⁵	BSL722C	Bodine® emergency LED battery pack for -20°C and up ^{6,7,8}	MSI360LT	360° motion sensor, low temp; operates down to -40°F/C ^{13,14}
CS3W	Twist-lock, 120V ⁵	IMP	Integrated modular plug ^{9,10}	MSID	Aisle motion sensor, pre-wired, HI/LO dimming control ^{13,14}
CS11W	Twist-lock, 277V ⁵	OUTCTR	Wiring leads pulled through back center of fixture ¹¹	MSI360D	360° motion sensor, pre-wired, HI/LO dimming control ^{13,14}
CS93W	600V SE00W white cord, no plug (no voltage required)	MSE360	360° motion sensor embedded, high bay ^{12,13}	MSIPED	Aisle motion sensor, photocell, pre-wired ^{12,13}
CS97W	Twist-lock, 480V ⁵	MSE360	360° motion sensor embedded, low bay ^{12,13}	MSI360PED	360° motion sensor, photocell, pre-wired ^{12,13}
L/SP	Less surge protector	MSI	Aisle motion sensor, pre-wired ^{13,14}	nEPP5D	nLight dimming module ¹⁵
GLR	Internal fast-blow fuse				

ADDITIONAL INFORMATION

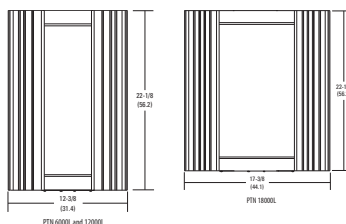
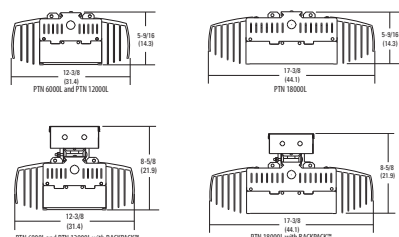
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

Mounting: ¹¹	Cord sets and sensors for IMP option:	Miscellaneous:
PTNSMB DNA Surface-mount bracket, natural aluminum finish	CS1WIMP Straight plug, 120V ⁵	WGPTN12 DNA Wireguard, natural aluminum finish, 6L and 12L
IBAC120 M20 10' adjustable aircraft cable; two clips; Y hanger (one pair)	CS3WIMP Twist-lock, 120V ⁵	WGPTN18 DNA Wireguard, natural aluminum finish, 18L
IBAC240 M20 20' adjustable aircraft cable; two clips; Y hanger (one pair)	CS7WIMP Straight plug, 277V ⁵	
IBZPMP DNA Pendant monopoint splice box, includes side covers, natural aluminum (DNA) finish	CS11WIMP Twist-lock, 277V ⁵	
IBZPMPHB DNA Pendant monopoint splice box, includes side covers (3/4" threaded hub), natural aluminum (DNA) finish	CS93WIMP 600V SO white cord, no plug (no voltage required)	
	MSIIMPF Aisle motion sensor ^{10,12}	
	MSI360IMPF 360° motion sensor ^{10,12}	

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



CONFIGURATIONS						
LUMENS	WATTAGE				COMPARABLE HID	WEIGHT
	120V	277V	347V	480V		
6,000	73	71	77	76	175W MH	31.5 lbs. (14.3 kg)
12,000	146	142	154	151	250W MH	33.5 lbs. (15.2 kg)
18,000	219	213	231	227	400W MH	39.0 lbs. (17.7 kg)

Notes

- Nominal design lumens. Refer to IES files for exact lumens based on LM79 testing.
- CSA Certified for 120V - 277V only.
- Step-down transformer utilizing BACKPACK™. No pendant monopoint or emergency battery pack.
- Available with 12,000 and 18,000 lumen packages only.
- All cord sets are 18/3, 6' white and voltage specific. Specify voltage. Other configurations available. Consult factory.
- Factory-installed BACKPACK. No pendant monopoint or 347V-480V.
- Voltage must be specified.
- CSA Listed to 40°C max.
- Must be factory-installed.
- Must have "IMP" power cord to power fixture and/or sensor. Specify voltage.
- OUTCTR required when IBZPMP is being used as wiring compartment.
- Specify voltage; 120, 277 or 347 only.
- CSA Listed to 45°C max.
- Specify voltage; 120, 208, 277, 347 or 480V.
- Not available with HVOLT.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

LED

Intended Use

Ideal one-for-one replacement of conventional high bay systems such as HID and fluorescent. Applications include warehousing, manufacturing, and other large indoor spaces with mounting heights ranging up to 60'.

Features

- Die-formed aluminum alloy chassis with integrated fins for superior cooling through natural convection
- Assembly is rigidly designed to resist twisting and bowing



- Narrow and wide distributions available
- Reflectors feature precision-formed optics utilizing 97%+ reflective Alanod® MIRO-SILVER® specular aluminum
- Thermally protected driver(s) standard with 0-10V dimming

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed. Suitable for ambient temperatures from -40°F (-40°C) to 131°F (55°C). Patent pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: IBL 18L WD LP740 DLC

Series	Lumens				Distribution		Lens		Voltage		Color temperature	
IBL	9L	9,000 lumens	24L	24,000 lumens	WD	Wide	(blank)	No shielding	(blank)	MVOLT; 120-277V	LP740 DLC	70 CRI, 4000K CCT
	12L	12,000 lumens	36L	36,000 lumens ¹	ND	Narrow	SD125	Semi-diffuse acrylic	HVOLT	347-480V	LP750 DLC	70 CRI, 5000K CCT
	18L	18,000 lumens	48L	48,000 lumens ¹					120	120V	LP740	70 CRI, 4000K CCT
									277	277V	LP750	70 CRI, 5000K CCT

Options										Finish	
GLR	Internal fast-blow fuse ^{2,3}	Cord sets: ⁹		Motion sensors:		MSID	Aisle motion sensor, pre-wired, HI/LO dimming control ^{2,12}		(blank)	Gloss white with textured dark gray accents	
OUTCTR	Wiring leads pulled through back center of fixture ⁴	CS1W	Straight plug, 120V ¹⁰	MSE360	360° motion sensor embedded, high bay ^{2,11}	MSI360D	360° motion sensor, pre-wired, HI/LO dimming control ^{2,12}		DWH	Gloss white	
OCS	RELOC® OnePass® 5' installed ²	CS3W	Twist-lock, 120V ¹⁰	MSE360LB	360° motion sensor embedded, low bay ^{2,11}	NMSI	nLight®, aisle motion sensor, pre-wired ²				
IMP	Integrated modular plug ^{5,6}	CS7W	Straight plug, 277V ¹⁰	MSIPED	Aisle motion sensor, photo sensor, pre-wired ^{2,12}	NMSI360	nLight enabled, 360° motion sensor, pre-wired ²				
12412	IOTA emergency LED battery pack for 32°F to 104°F (0°C to 40°C) ambient ^{7,8}	CS11W	Twist-lock, 277V ¹⁰	MSI360PED	360° motion sensor, photo sensor, pre-wired ^{2,12}	nEPP5D	nLight dimming module ^{2,13}				
SPD	Surge protector ²	CS25W	Twist-lock, 347V ¹⁰	MSI	Aisle motion sensor, pre-wired ²	nSP5D	nLight dimming module ¹⁴				
WGX	Standard wireguard, installed	CS97W	Twist-lock, 480V ¹⁰	MSI360	360° motion sensor, pre-wired ²						
		CS93W	600 SE00W white cord, no plug (no voltage required)								

ADDITIONAL INFORMATION

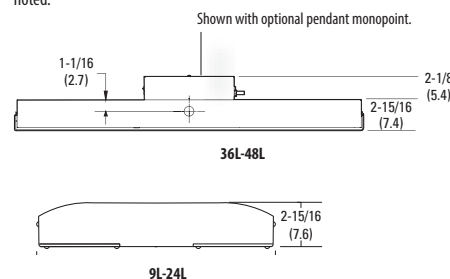
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

Mounting:		Cord sets and sensors for IMP option: Field-installable door and lens assemblies:			
IBAC120 M20	Aircraft cable 10' with hook (one pair)	CS1WIMP	Straight plug, 120V ^{9,10,16}	DLIBL SD125	Semi-diffuse acrylic lens for use 9L - 24L
IBAC240 M20	Aircraft cable 20' with hook (one pair)	CS3WIMP	Twist-lock, 120V ^{9,10,16}	DLIBL48 SD125	Semi-diffuse acrylic lens for use with 36L and 48L
IBHMP	Hook monopoint	CS7WIMP	Straight plug, 277V ^{9,10,16}	Wire guards:	
ZACVH	Aircraft 10'V hanger (one pair) ⁸	CS11WIMP	Twist-lock, 277V ^{9,10,16}	WGIBL	Wireguard for use with 9L - 24L
IBLPMP	Pendant monopoint splice box, includes side covers for use with 9L-24L	CS25WIMP	Twist-lock, 347V ^{9,10,16}	WGIBL48	Wireguard for use with 36L and 48L
IBLPMPhB	Straight plug, 120V ⁵	CS93WIMP	600V SO white cord, no plug (no voltage required) ^{5,16}		
IBLPMPh48	Twist-lock, 120V ⁵	CS97WIMP	Twist-lock, 480V ^{9,10,16}		
IBLPMPhB48	Straight plug, 277V ⁵	MSIIMP	Aisle sensor ^{6,16}		
HC36	Twist-lock, 277V ⁵	MSI360IMP	360° sensor ^{6,16}		
THUN	Tong hanger bracket (one pair) ^{8,15}				

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



CONFIGURATIONS

LUMEN PACKAGE	WATTAGE			WEIGHT (LENS IF ADDS APPROX. 7 LBS.)	COMPARABLE LIGHT SOURCE
	120V	277V	347V	480V	
9L	103	98	101	100	2-lamp T5HO
12L	134	131	135	134	4-lamp T8, 250W HID
18L	213	199	205	202	4-lamp T5HO, 6-lamp T8, 400W HID
24L	262	258	266	263	6-lamp T5HO, 8-lamp T8
36L	423	417	430	425	8-lamp T5HO, 750 HID
48L	531	511	526	521	10-lamp T5HO, 1000W HID

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

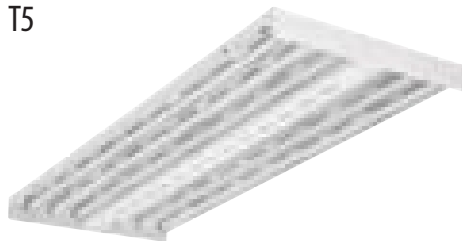
Notes

- Fixtures more than 24" wide can interfere with the operation of some fire sprinkler systems. Verify specific installation requirements with local fire official and insurance carrier. Emergency battery packs are not available with 36L or 48L.
- Specify voltage.
- Not available with 347 voltage.
- OUTCTR required when pendant monopoint is being used as the wiring compartment.
- Must be factory-installed.
- Must have "IMP" power cord to power fixture.
- Must specify voltage. 120V or 277V only. Not available with cord set w/plug or OUTCTR option.
- Not available with 36L or 48L lumen package.
- All cord sets are 18/3, 6', white.
- Cord sets are voltage-specific. Specify voltage. Other configurations available. Consult factory.
- Not available with battery pack. Not field-installable.
- After 7.5 minutes, the luminaire will dim to 10%, then after an additional 2.5 minutes, the luminaire will turn off. The controls are field-programmable in many configurations. Contact Lithonia Lighting tech support for custom programming from factory.
- Consult factory for dimming of 208V, 347V or 480V fixtures.
- Requires bus power such as nPP16 power pack from Sensor Switch®.
- 95°F (35°C) maximum ambient temperature when using the THUN.
- Must have IMP option on fixture.

PRODUCT INFORMATION

I-BEAM IBZ

T5



Intended Use

The IBZ fluorescent high bay is ideal for new construction and renovation projects. It is a one-for-one replacement of common metal halide high bay systems. The unique Cool Running Plus™ technology provides industry-leading, trouble-free operation in ambient temperatures up to 155°F (68°C). Applications include manufacturing, warehousing, commercial and industrial facilities. The IBZ fixture performs well at mounting heights from 15'-40'.

Features

- Highly configurable design that allows for a multitude of options that can be field- or factory-installed
- Reflectors tightly control light distribution and effectively manage heat to increase overall efficiency

- Narrow and wide distributions available
- Utilizes proprietary Cool Running Plus technology ballast
- Suitable for suspension by chain or cable, surface-mounting bracket, hook monopoint, or single (pendant) monopoint
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast

Listings

CSA Certified to U.S. and Canadian safety standards (UL1598 and CSA 250.0-08) for 55°C and 40°C lensed. Suitable for damp locations.



Example: IBZ 454L

ORDERING INFORMATION

Specifications subject to change.

Series	Lamp type	Distribution	Shielding ^{2,3}	Voltage	Ballast configuration ⁵	Ballast
IBZ For tandem double-length unit, add prefix "T". Ex: TIBZ	Lamps installed¹	(blank) Narrow distribution, ≤5% uplight	(blank) No shielding	(blank) MVOLT: 120-277V	(blank) Standard configuration as listed below	(blank) Cool Running Plus T5 electronic, 1.0 BF, programmed rapid start
	454L 4-lamp 54W T5HO	NDU Narrow distribution, enhanced uplight, ≤13% uplight	A12125 Pattern 12 acrylic, 0.125" ⁴	HVOLT 347-480V ⁵	<i>Standard ballast configurations:</i> 4-lamp = one 4-lamp ballast 6-lamp = one 2-lamp and one 4-lamp ballast 8-lamp = two 4-lamp ballasts	GEB10PS90 T5 electronic, 1.0 BF, programmed rapid start
	654L 6-lamp 54W T5HO	WD Wide distribution, ≤5% uplight	ACL Clear acrylic, 0.125" ⁴			
	854L 8-lamp 54W T5HO	WDU Wide distribution, enhanced uplight, ≤13% uplight	PCL125 Clear acrylic, 0.125" ⁴			
	Unlamped		NLWG No lens; wireguard in door frame			
	454 4-lamp 54W T5HO					
	654 6-lamp 54W T5HO					
	854 8-lamp 54W T5HO					
Lamp color	Options					
(blank) F54T5HO/841	GLR	Internal fast-blow fuse ^{7,8}	HBBSIC	Chain hanger (pair)	<u>Motion sensors:</u> MSI Aisle motion sensor, pre-wired ¹⁶ MSI360 360° motion sensor, pre-wired ¹⁶ MSE360 360° motion sensor, embedded, high bay ^{7,17} MSE360LB 360° motion sensor, embedded, low bay ^{7,18} XP1 XPoint single relay ¹⁹ XP2 XPoint double relay ¹⁹	
LP835 F54T5HO/835	GMF	Internal slow-blow fuse ^{7,8}	HBBS36IC	Chain hanger with 36" chain (pair)		
LP850 F54T5HO/850	EL14	Emergency battery pack ^{7,9,10}	<u>Cord sets:</u> ¹⁴		<u>Wireguards:</u> WGX External wireguard installed 2WGX External wireguard installed on bottom of fixture ²⁰	
<u>Amalgam lamps⁶</u>	EL14SD	Emergency battery pack w/ self-diagnostics ^{7,9,10}	CS1W	Straight plug, 120V ¹⁵		
LP841A F54T5HO/841	I162	1250 lumens per lamp battery ^{9,10,11}	CS3W	Twist-lock, 120V ¹⁵		
LP835A F54T5HO/835	OUTCTR	Wiring leads pulled through back center of fixture ³	CS7W	Straight plug, 277V ¹⁵		
LP850A F54T5HO/850	OCS	RELOC® OnePass® cable ⁷	CS11W	Twist-lock, 277V ¹⁵		
<u>Energy-saving 49W lamps</u>	IMP	Integrated modular plug ^{12,13}	CS25W	Twist-lock, 347V ¹⁵		
P841E49 F54T5HO/841	FSP	Integral full side panels	CS97W	Twist-lock, 480V ¹⁵		
P835E49 F54T5HO/835	PBTSKT	Polybutylene terephthalate sockets	CS93W	600 SE00W white cord, no plug (no voltage required)		
P850E49 F54T5HO/850						

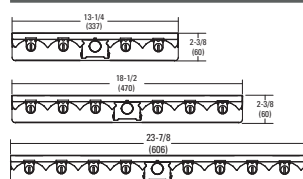
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

Mounting:	Field-installable door and lens assemblies: ^{3,4}	Cord sets and sensors for IMP option:	Wireguards:
IBAC120 M20 Aircraft cable 10' with hook (one pair)	DLIBZ14 A12125 4-lamp pattern 12 acrylic lens, 0.125"	CS1WIMP Straight plug, 120V ^{7,13,14,15}	WGIBZ14 Standard 4-lamp wireguard
IBAC240 M20 Aircraft cable 20' with hook (one pair)	DLIBZ14 ACL 4-lamp clear acrylic lens	CS3WIMP Twist-lock, 120V ^{7,13,14,15}	WGIBZ19 Standard 6-lamp wireguard
IBZACVH Aircraft 10' V hanger (one pair)	DLIBZ19 A12125 6-lamp pattern 12 acrylic lens, 0.125"	CS7WIMP Straight plug, 277V ^{7,13,14,15}	WGIBZ24 Standard 8-lamp wireguard
IBZTFC Tandem coupler and 8' side panel	DLIBZ19 ACL 6-lamp clear acrylic lens	CS11WIMP Twist-lock, 277V ^{7,13,14,15}	
IBZPMP Pendant monopoint splice box, includes side covers ^{3,21}	DLIBZ19 PCL125 6-lamp clear polycarbonate lens, 0.125"	CS25WIMP Twist-lock, 347V ^{7,13,14,15}	
IBZPMPHB Pendant monopoint splice box, includes side covers (3/4" hub) ^{3,21}	DLIBZ24 ACL 8-lamp clear acrylic lens	CS93WIMP 600V SE00W white cord, no plug (no voltage required) ¹⁴	
HBBS36 Chain hanger, 36" (one pair)	DLIBZ24 PCL125 8-lamp clear acrylic lens	CS97WIMP Twist-lock, 480V ^{7,13,14,15}	
IBZSMB Surface-mounting bracket (one pair)		MSIIMP Aisle sensor ^{7,13}	



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Lamps installed are F54T5HO/841 unless otherwise specified.
- 2 5/55°F warranty with open fixtures only.
- 3 Not available with MSE360 or MSE360LB option.
- 4 For wireguard in door frame, add "WG" to shielding. Ex: A12125WG.
- 5 Nonstandard configurations may require factory-installed BACKPACK™. Consult factory.
- 6 Not for use with motion sensors or emergency battery packs.
- 7 Specify voltage.
- 8 Not available with 347 voltage.
- 9 Battery options require a BACKPACK installed by the

SPECIFICATIONS				
	LENGTH	WIDTH	DEPTH	WEIGHT
4-lamp	48-1/16 (1221)	13-1/4 (337)	2-3/8 (60)	16 lbs. (7.3 kg)
6-lamp	48-1/16 (1221)	18-1/8 (460)	2-3/8 (60)	20 lbs. (9.1 kg)
8-lamp	48-1/16 (1221)	23-7/8 (606)	2-3/8 (60)	25 lbs. (11.3 kg)

factory in order to accommodate the size of the battery. The BACKPACK is NOT field-installable. May only be surface-mounted using IBZSMB. Not available with pendant-mount using IBZ PMP or IBZ PMPHB. Not available with IMP.

- 10 Certified to UL1598 (approx. 1100 lumens at 25°C when using 49W lamps, and 911 lumens at 45°C). Single-lamp operation only. 120 or 277 voltage.
- 11 Max 2500 lumens when used with 54W T5 lamps up to 55°C ambient temperature (120 or 277 voltage only).
- 12 Must be factory-installed. Not available on TIBZ 16-lamp configurations.
- 13 Must have "IMP" power cord to power fixture.
- 14 All cord sets are 18/3, 6', white.
- 15 Cord sets are voltage specific. Specify voltage. Other configurations available. Consult factory.
- 16 Specify voltage; 120, 208, 240, 277, 347 or 480.
- 17 Recommended for heights of 30-40'. Not available with lensed units. 120, 277 or 347 voltage only.
- 18 Embedded sensor. For mounting heights up to 20', not available with lensed units. 120, 277 or 347 voltage only.
- 19 Contact L&C for additional system components required.
- 20 One wireguard shipped as separate line item for top installation in field. Not available with IBZPMP.
- 21 When ordering IBZPMP, two-ballast configurations are recommended. Ex: 2/2. Not available with tandem units. Not available with any battery pack.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The IBZ fluorescent high bay is ideal for new construction and renovation projects. It is a one-for-one replacement of common metal halide high bay systems. The unique Cool Running Plus™ technology provides industry-leading, trouble-free operation in ambient temperatures up to 155°F (68°C). Applications include manufacturing, warehousing, commercial and industrial facilities. The IBZ fixture performs well at mounting heights from 15'-40'.

Features

- Highly configurable design that allows for a multitude of options that can be field- or factory-installed

- Reflectors tightly control light distribution and effectively manage heat to increase overall efficiency
- Narrow and wide distributions available
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspension by chain or cable, surface-mounting bracket, hook monopoint, or single (pendant) monopoint

Listings

CSA Certified to U.S. and Canadian safety standards (UL1598 and CSA 250.0-08 for 25°C ambient operation). Suitable for damp locations.

I-BEAM IBZ

T8

**Example: IBZ 432L**

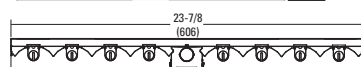
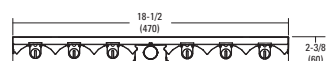
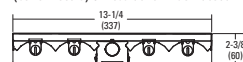
ORDERING INFORMATION		Specifications subject to change.					
Series	Lamp type		Distribution		Shielding ²	Voltage	Ballast configuration
IBZ	Lamps installed ¹		Unlamped		(blank) No shielding	(blank) MVOLT;	(blank) Standard
For tandem double-length unit, add prefix "T". Ex: TIBZ	432L 4-lamp 32W T8	432 4-lamp 32W T8	(blank) Narrow distribution, ≤5% uplight	NDU Narrow distribution, enhanced uplight, ≤13% uplight	A12125 Pattern 12 acrylic, 0.125" ³	120-277V	configuration
	632L 6-lamp 32W T8	632 6-lamp 32W T8	WD Wide distribution, ≤5% uplight		ACL Clear acrylic, 0.125" ³		
	832L 8-lamp 32W T8	832 8-lamp 32W T8			PCL125 Clear acrylic, 0.125" ³		

Ballast	Lamp color	Options		Cord sets:	Motion sensors:
(blank) T8 electronic, instant start, 1.15-1.20 BF	(blank) F32T8/841	GLR	Internal fast-blow fuse ^{4,5}	CS1W Straight plug, 120V ^{11, 12}	MSI Aisle motion sensor, pre-wired ¹³
GEB10IS T8 electronic ballast, ≤10% THD, instant start, .88 BF	LP835 F32T8/835	GMF	Internal slow-blow fuse ^{4,5}	CS3W Twist-lock, 120V ^{11, 12}	MSI360 360° motion sensor, pre-wired ¹³
GEB10PSH T8 electronic ballast, ≤10% THD, programmed rapid start, 1.15-1.20 BF	LP850 F32T8/850	EL14	Emergency battery pack ^{4,6,7}	CS7W Straight plug, 277V ^{11, 12}	MSE360 360° motion sensor, embedded ¹⁴
		EL14SD	Emergency battery pack w/ self-diagnostics ^{4,6,7}	CS11W Twist-lock, 277V ^{11, 12}	MSE360LB 360° motion sensor, embedded ¹⁵
		I162	1250 lumens per lamp battery ^{4,6,8}	CS25W Twist-lock, 347V ^{11, 12}	XP1 XPoint single relay ¹⁶
		OUTCTR	Wiring leads pulled through back center of fixture ²	CS97W Twist-lock, 480V ^{11, 12}	XP2 XPoint double relay ¹⁶
		OCS	RELOC® OnePass® cable ⁴	CS93W 600 SE00W white cord, no plug (no voltage required) ¹¹	Wireguards:
		IMP	Integrated modular plug ^{9,10}		WGX External wireguard installed
		FSP	Integral full side panels		2WGX Dual wireguard for top and bottom protection ¹⁷
		HBBSIC	Chain hanger (pair)		
		HBBS36IC	Chain hanger with 36" chain (pair)		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



SPECIFICATIONS				
LENGTH	WIDTH	DEPTH	WEIGHT	
4-lamp 48-1/16 (1221)	13-1/4 (337)	2-3/8 (60)	16 lbs. (7.3 kg)	
6-lamp 48-1/16 (1221)	18-1/8 (460)	2-3/8 (60)	20 lbs (9.1 kg)	
8-lamp 48-1/16 (1221)	23-7/8 (606)	2-3/8 (60)	25 lbs. (11.3 kg)	

STANDARD BALLAST CONFIGURATIONS			
4-LAMP	6-LAMP	8-LAMP	
T8 instant start (1.15 - 1.20 BF)	Two 2-lamp ballasts	Two 3-lamp ballasts	Two 4-lamp ballasts
T8 instant start (0.88 BF)	One 4-lamp ballast	One 4-lamp and one 2-lamp ballast	Two 4-lamp ballasts
T8 program rapid start (1.15 - 1.20 BF)	Two 2-lamp ballasts	Two 3-lamp ballasts	One 2-lamp ballast and two 3-lamp ballasts
T8 program rapid start (0.88 BF)	One 4-lamp ballast	One 4-lamp and one 2-lamp ballast	Two 4-lamp ballasts

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

ACCESSORIES					
ORDER SEPARATELY					
Mounting:	Field-installable door and lens assemblies: ^{2,3}		Cord sets and sensors for IMP option:		Wireguards:
IBAC120 M20 Aircraft cable 10' with hook (one pair)	DLIBZ14 A12125	4-lamp pattern 12 acrylic lens, 0.125"	CS1WIMP	Straight plug, 120V ^{11, 12, 19}	WGIBZ14 Standard 4-lamp wireguard
IBAC240 M20 Aircraft cable 20' with hook (one pair)	DLIBZ14 ACL	4-lamp clear acrylic lens	CS3WIMP	Twist-lock, 120V ^{11, 12, 19}	WGIBZ19 Standard 6-lamp wireguard
IBHMP Hook monopoint	DLIBZ14 PCL125	4-lamp clear polycarbonate lens, 0.125"	CS7WIMP	Straight plug, 277V ^{11, 12, 19}	WGIBZ24 Standard 8-lamp wireguard
IBZACVH Aircraft 10' V hanger (one pair)	DLIBZ19 A12125	6-lamp pattern 12 acrylic lens, 0.125"	CS11WIMP	Twist-lock, 277V ^{11, 12, 19}	
IBZTFC Tandem coupler and 8' side panel	DLIBZ19 ACL	6-lamp clear acrylic lens	CS25WIMP	Twist-lock, 347V ^{11, 12, 19}	
IBZPMP Pendant monopoint splice box, includes side covers ¹⁸	DLIBZ19 PCL125	6-lamp clear polycarbonate lens, 0.125"	CS93WIMP	600V SE00W white cord, no plug (no voltage required) ¹¹	
IBZPMPHB Pendant monopoint splice box, includes side covers (3/4" hub) ¹⁸	DLIBZ24 ACL	8-lamp clear acrylic lens	CS97WIMP	Twist-lock, 480V	
HBBS36 Chain hanger, 36" (one pair)	DLIBZ24 PCL125	8-lamp clear polycarbonate lens, 0.125"	MSIIMP	360° sensor ^{10, 19, 20}	
IBZSMB Surface-mounting bracket (one pair)			MSI360IMP	360° sensor ¹³	

Notes

- Lamps installed are F32T8/841 unless otherwise specified.
- Not available with MSE360 or MSE360LB options.
- For wireguard in door frame, add "WG" to shielding. Ex: A12125WG.
- Specify voltage.
- Not available with 347 voltage.
- Battery options require a BACKPACK™ installed by the factory in order to accommodate the size of the battery. The BACKPACK is NOT field-installable. May only be surface-mounted using IBZSMB. Not available with pendant-mount using IBZPMP or IBZ PMPHB. Not available with IMP.
- Output in emergency mode varies with ambient temperature (911 lumens at 45°C). Single-lamp operation only. 120 or 277 voltage only.
- Max 3000 lumens when used with T8 lamps up to 55°C ambient temperature. Not available with IMP. 120 or 277 voltage only.
- Must be factory-installed. Not available on TIBZ 16-lamp configurations.
- Must have "IMP" power cord to power fixture.
- All cord sets are 18/3, 6', white.
- Cord sets are voltage specific. Specify voltage. Other configurations available. Consult factory.
- Specify voltage; 120, 208, 240, 277, 347 or 480.
- Recommended for heights of 30-40'. Not available with lensed units. 120, 277 or 347 voltage only.
- Recommended for heights up to 20'. Not available with lensed units. 120, 277 or 347 voltage only.
- Contact LC&D for additional system components required.
- External bottom wireguard factory-installed. External top wireguard shipped separately for field installation. Not available with IBZPMP.
- When ordering IBZPMP, two-ballast configurations are recommended. Ex: 2/2. Not available with tandem units. Not available with any battery pack.
- Fixture must have "IMP" option.
- 120 or 277 voltage only.

FLUORESCENT HIGH BAYS

T5



Intended Use

The I-BEAM® fluorescent high bay is an ideal one-for-one replacement of common metal halide high bay systems. Applications include manufacturing, warehousing, commercial facilities and retail. The fluorescent I-BEAM fixture performs at mounting heights from 15'-40'.

Features

- Rugged fixture construction coupled with excellent fixture performance

- Narrow and wide distribution available
- Reflectors provide 95% reflectivity
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspension by chain or cable, surface-mounting bracket, hook monopoint, or single (pendant) monopoint

Listings

UL Listed to U.S. and Canadian safety standards.

CONTRACTOR
SELECT

Example: IBZT5 4L

ORDERING INFORMATION

Specifications subject to change.

Catalog Number	UPC	Description	# of lamps	Wattage	Voltage	Distribution	Ballast type	Lamp included	Pallet qty.	Standard carton quantity
IBZT5 4	745977144141	T5 fluorescent high bay	4	54	120-277	Narrow	Electronic, program start	N	51	1
IBZT5 4L	745977147197	T5 fluorescent high bay	4	54	120-277	Narrow	Electronic, program start	Y	51	1
IBZT5 4L WD	745977147227	T5 fluorescent high bay	4	54	120-277	Wide	Electronic, program start	Y	51	1
IBZT5 4 WD	745977147421	T5 fluorescent high bay	4	54	120-277	Wide	Electronic, program start	N	51	1
IBZT5 4 120/277 MSE360	745977147258	T5 w/ embedded sensor	4	54	120-277	Narrow	Electronic, program start	N	51	1
IBZT5 4L 120/277 MSE360	745977147289	T5 w/ embedded sensor	4	54	120-277	Narrow	Electronic, program start	Y	51	1
IBZT5 4L WD 120/277 MSE360	745977147302	T5 w/ embedded sensor	4	54	120-277	Wide	Electronic, program start	Y	51	1
IBZT5 6 WD 120/277 MSE360	745977147357	T5 w/ embedded sensor	4	54	120-277	Wide	Electronic, program start	N	51	1
IBZT5 6	745977147432	T5 fluorescent high bay	6	54	120-277	Narrow	Electronic, program start	N	36	1
IBZT5 6L	745977147470	T5 fluorescent high bay	6	54	120-277	Narrow	Electronic, program start	Y	36	1
IBZT5 6L WD	745977147517	T5 fluorescent high bay	6	54	120-277	Wide	Electronic, program start	Y	36	1
IBZT5 6 WD	745977147519	T5 fluorescent high bay	6	54	120-277	Wide	Electronic, program start	N	36	1
IBZT5 6 120/277 MSE360	745977147623	T5 w/ embedded sensor	6	54	120-277	Narrow	Electronic, program start	N	36	1
IBZT5 6L 120/277 MSE360	745977147630	T5 w/ embedded sensor	6	54	120-277	Narrow	Electronic, program start	Y	36	1
IBZT5 6L WD 120/277 MSE360	745977147609	T5 w/ embedded sensor	6	54	120-277	Wide	Electronic, program start	Y	36	1
IBZT5 6 WD 120/277 MSE360	745977147616	T5 w/ embedded sensor	6	54	120-277	Wide	Electronic, program start	N	36	1

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

DLIBZ14 ACL	Door frame kit with .125" acrylic lens for four-lamp fixture
DLIBZ19 ACL	Door frame kit with .125" acrylic lens for six-lamp fixture
DLIBZ24 ACL	Door frame kit with .125" acrylic lens for four-lamp, 24" wide fixture
HBBS36	Chain hanger, 36"
IBHMP	Hook monopoint
IBZACVH	10' adjustable aircraft cable with V-hook
IBZPMP	Pendant monopoint splice box, includes side covers
IBZPMPHB	Pendant monopoint splice box, includes side covers (3/4" hub)
IBZTFC	Tandem coupler and side panel
SFR 5	360° snap-fit high-bay sensor ¹
WGIBZ14	Wireguard for four-lamp fixture
WGIBZ19	Wireguard for six-lamp fixture
WGIBZ24	Wireguard for four-lamp, 24" wide fixture

T5 Specifications

	4-lamp	6-lamp
Length:	48-1/8 (122.2)	48-1/8 (122.2)
Width:	13-1/4 (33.7)	18-1/8 (46.0)
Depth:	2-3/8 (6.0)	2-3/8 (6.0)
Weight:	15 lbs. (6.8 kg)	19 lbs. (8.6 kg)

Dimensions are shown in inches (centimeters) unless otherwise noted.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Not available when used with a door and lens.

Intended Use

The I-BEAM® fluorescent high bay is an ideal one-for-one replacement of common metal halide high bay systems. Applications include manufacturing, warehousing, commercial facilities and retail. The fluorescent I-BEAM fixture performs at mounting heights from 15'-40'.

Features

- Rugged fixture construction coupled with excellent fixture performance
- Narrow and wide distribution available

- Reflectors provide 95% reflectivity
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspension by chain or cable, surface-mounting bracket, hook monopoint, or single (pendant) monopoint

Listings

UL Listed to U.S. and Canadian safety standards.

FLUORESCENT HIGH BAYS

T8



**CONTRACTOR
SELECT**

ORDERING INFORMATION

Specifications subject to change.

Example: IBZT8 6

Catalog Number	UPC	Description	# of lamps	Wattage	Voltage	Distribution	Ballast type	Lamp included	Pallet qty.	Standard carton quantity
IBZT8 4	745977147661	T8 fluorescent high bay	4	32	120-277	Narrow	Instant start	N	51	1
IBZT8 4L	745977147678	T8 fluorescent high bay	4	32	120-277	Narrow	Instant start	Y	51	1
IBZT8 4L WD	745977147692	T8 fluorescent high bay	4	32	120-277	Wide	Instant start	Y	51	1
IBZT8 4 WD	745977147708	T8 fluorescent high bay	4	32	120-277	Wide	Instant start	N	51	1
IBZT8 4 120/277 MSE360	745977147715	T8 w/ embedded sensor	4	32	120-277	Narrow	Program start	N	51	1
IBZT8 4L 120/277 MSE360	745977147685	T8 w/ embedded sensor	4	32	120-277	Narrow	Program start	Y	51	1
IBZT8 4L WD 120/277 MSE360	745977147814	T8 w/ embedded sensor	4	32	120-277	Wide	Program start	Y	51	1
IBZT8 4 WD 120/277 MSE360	745977147784	T8 w/ embedded sensor	4	32	120-277	Wide	Program start	N	51	1
IBZT8 6	745977147791	T8 fluorescent high bay	6	32	120-277	Narrow	Instant start	N	36	1
IBZT8 6L	745977147807	T8 fluorescent high bay	6	32	120-277	Narrow	Instant start	Y	36	1
IBZT8 6L WD	745977147845	T8 fluorescent high bay	6	32	120-277	Wide	Instant start	Y	36	1
IBZT8 6 WD	745977147869	T8 fluorescent high bay	6	32	120-277	Wide	Instant start	N	36	1
IBZT8 6 120/277 MSE360	745977147000	T8 w/ embedded sensor	6	32	120-277	Narrow	Program start	N	36	1
IBZT8 6L 120/277 MSE360	745977148040	T8 w/ embedded sensor	6	32	120-277	Narrow	Program start	Y	36	1
IBZT8 6L WD 120/277 MSE360	745977148088	T8 w/ embedded sensor	6	32	120-277	Wide	Program start	Y	36	1
IBZT8 6 WD 120/277 MSE360	745977148170	T8 w/ embedded sensor	6	32	120-277	Wide	Program start	N	36	1

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

DLIBZ14 ACL	Door frame kit with .125" acrylic lens for four-lamp fixture
DLIBZ19 ACL	Door frame kit with .125" acrylic lens for six-lamp fixture
DLIBZ24 ACL	Door frame kit with .125" acrylic lens for four-lamp, 24" wide fixture
HBBS36	Chain hanger, 36"
IBHMP	Hook monopoint
IBZACVH	10' adjustable aircraft cable with V-hook
IBZPMP	Pendant monopoint splice box, includes side covers
IBZPMPHB	Pendant monopoint splice box, includes side covers (3/4" hub)
IBZTFC	Tandem coupler and side panel
SFR 5	360° snap-fit high-bay sensor ¹
WGIBZ14	Wireguard for four-lamp fixture
WGIBZ19	Wireguard for six-lamp fixture
WGIBZ24	Wireguard for four-lamp, 24" wide fixture

T8 Specifications

	4-lamp	6-lamp
Length:	48-1/8 (122.2)	48-1/8 (122.2)
Width:	13-1/4 (33.7)	18-1/8 (46.0)
Depth:	2-3/8 (6.0)	2-3/8 (6.0)
Weight:	15 lbs. (6.8 kg)	19 lbs. (8.6 kg)

Dimensions are shown in inches (centimeters) unless otherwise noted.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- ¹ Not available when used with a door and lens.

FGB

Spec-Beam™



Intended Use

The SPEC-BEAM™ is an ideal one-for-one replacement of common metal halide high bay systems. The optional Cool Running Technology provides trouble-free operation in ambient spaces up to 65°C. Applications include warehousing, manufacturing, commercial facilities and retail. The SPEC-BEAM performs best at mounting heights from 15' to 40'.

Features

- Full-side fixture body provides strength and rigidity during shipment and installation
- Ballast and wiring compartment are accessed from below and are completely tool-less

- Multiple lamp distributions available
- Reflectors available with solid top or uplight
- Reflectors provide 95% reflectivity
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspension by chain, cable or monopoint mounting with appropriate accessories

Listings

UL Listed. CSA Certified. (UL 1598 and CSA C22.2 No. 250.0-00.) For ambient operation up to 55°C. Suitable for damp locations.

ORDERING INFORMATION

Specifications subject to change.

Example: FGB24 6 54T5HO T1X20 MVOLT 1/41/2 GEB10PS LP841

Series	Number of lamps ¹	Lamp type	Distribution/Reflector		Shielding ⁵
FGB14	2	28T5 28W T5	Distribution	Reflector	(blank) No shielding
FGB164	3	32 32W T8	F1 Focus (0.9>SC) ^{2,3}	X20 Specular aluminum	A12125 Pattern 12 acrylic, 0.125"
FGB24	4	54T5HO 54W T5HO	T1 Task (0.9<1.2 SC)	X20U Specular aluminum w/ uplight	A12125WG Pattern 12 acrylic, 0.125"
	6		N1 Normal (1.2<1.4 SC)	D20 White powder coat ⁴	ACL Clear acrylic, 0.125"
			S1 Spread (1.4<1.8 SC)	D20U White powder coat w/ uplight ⁴	ACLWG Clear acrylic, 0.125" w/ wireguard in door frame
			B1 Broad (1.8<SC) ³		PCL125 Clear polycarbonate, 0.125"
					PCL125WG Clear polycarbonate, 0.125" w/ wireguard in door frame
					NLWG No lens, wireguard in door frame

Voltage	Ballast configuration	Ballast	Lamp color	Options
MVOLT 120-277V, 60Hz	(blank) All 2-lamp ballasts ⁵	ACRP Cool Running Plus	(blank) No lamps	OUTCTR Wiring pulled through back center of fixture ⁶
HVOLT 347-480V, 60Hz	1/3 One 3-lamp ballast	GEB10PS90 T5HO electronic ballast, ≤10% THD programmed rapid start	LP830 85 CRI, 3000K, std. life	OUTCTR 7/8 Wiring leads pulled through back of fixture when ordering without tong hanger ⁶
	1/4 One 4-lamp ballast	GEB10PS T5 or T8 electronic ballast ≤10% THD program rapid start ballast	LP835 85 CRI, 3500K, std. life	PAF Powder coat after fabrication
	1/41/2 One 4-lamp and one 2-lamp ballast		LP841 85 CRI, 4100K, std. life	PAF AL Aluminum construction, powder coat
	2/3 Two 3-lamp ballasts	GEB10IS T8 electronic ballast, ≤10% THD, instant start, normal BF	LP850 85 CRI, 5000K, std. life	20GA 20-gauge steel construction
		GEB10ISH T8 electronic ballast, ≤10% THD, instant start, high BF		TCP Top cover panels ⁷
				WG Wireguard, 11 gauge, external mount
				MSI Occupancy sensor pre-wired (aisle) ⁸
				MSI360 Occupancy sensor pre-wired (360°) ⁸
				MSIPE Occupancy sensor pre-wired with photocell ⁸
				EL14 Emergency battery pack ⁸

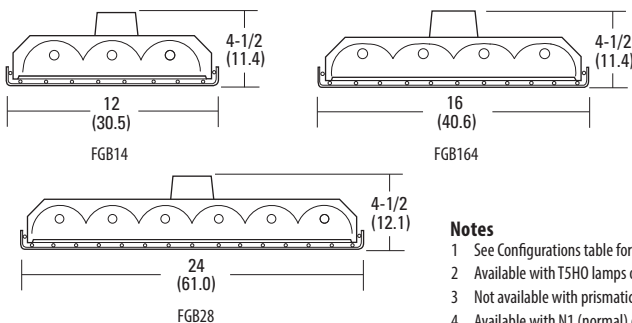
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	NUMBER OF LAMPS	WIDTH	HEIGHT	LENGTH
FGB14	2 or 3	12 (30.5)	4-1/2 (11.4)	48 (121.9)
FGB164	4	16 (40.6)	4-1/2 (11.4)	48 (121.9)
FGB24	6	24 (61.0)	4-3/4 (12.1)	48 (121.9)

ACCESSORIES	
ORDER SEPARATELY	
IBAC120 M20	10' adjustable aircraft cable, 2-hook, Y hanger (one pair)
IBAC240 M20	20' adjustable aircraft cable, 2-hook, Y hanger (one pair)
HSD36	3' jack chain with hanger (one pair)
THSD	Monopoint hanger with 3/4" KO
THSDHB	Monopoint hanger with 3/4" hub
THSDSK	Side covers for monopoint hanger (one pair)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for availability.
- 2 Available with T5HO lamps only.
- 3 Not available with prismatic lens option.
- 4 Available with N1 (normal) distribution only.
- 5 Not valid in 4ft fixtures with 6 six or more lamps.
- 6 Specify OUTCTR when monopoint hanger will be used for wiring compartment.
- 7 5/55 warranty with open fixtures only.
- 8 Must specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The SPEC-BEAM™ high-lumen fixture is an ideal one-for-one replacement of common metal halide high bay systems. Applications include warehousing, manufacturing, commercial facilities and retail. The SPEC-BEAM performs best at mounting heights from 15' to 40'.

Features

- Full-side fixture body provides strength and rigidity during shipment and installation
- Ballast and wiring compartment are accessed from below and are completely tool-less

- Multiple lamp distributions available
- Reflectors available with solid top or uplight
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspension by chain, cable or monopoint mounting with appropriate accessories

Listings

UL Listed to U.S. and Canadian standards. Suitable for damp locations. For use in ambient temperatures from -20°C to 40°C when using up to a six-lamp configuration.

FGB

SPEC-BEAM™ HL

**ORDERING INFORMATION**

Specifications subject to change.

Example: FGB28 6 54T5HO T1X20 MVOLT 1/41/2 GEB10PS LP841

Series	Number of lamps ¹	Lamp type	Distribution/Reflector	Shielding
FGB324	4	28T5 28W T5	Distribution	(blank) No shielding
FGB168	6	32 32W T8	Reflector	A12125 Pattern 12 acrylic, 0.125"
FGB28	8	54T5HO 54W T5HO	F1 Focus (0.9<SC) ^{2,3}	A12125WG Pattern 12 acrylic, 0.125"
	10		T1 Task (0.9<1.2 SC)	ACL Clear acrylic, 0.125"
			N1 Normal (1.2<1.4 SC)	ACLWG Clear acrylic, 0.125" w/ wireguard in door frame
			S1 Spread (1.4<1.8 SC)	PCL125 Clear polycarbonate, 0.125"
			B1 Broad (1.8<SC) ³	PCL125WG Clear polycarbonate, 0.125" w/ wireguard in door frame
				NLWG No lens, wireguard in door frame

Voltage	Ballast configuration	Ballast	Lamp color	Options
MVOLT 120-277V, 60Hz	(blank) All 2-lamp ballasts ⁵	ACRP Cool Running Plus	(blank) No lamps	OUTCTR 7/8 Wiring leads pulled through back of fixture when ordering without tong hanger ⁶
HVOLT 347-480V, 60Hz	1/3 One 3-lamp ballast	GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start	LP830 85 CRI, 3000K, std. life	PAF Powder coat after fabrication
	1/4 One 4-lamp ballast		LP835 85 CRI, 3500K, std. life	PAF AL Aluminum construction, powder coat
	1/41/2 One 4-lamp and one 2-lamp ballast	GEB10PS T5 or T8 electronic ballast, ≤10% THD, programmed rapid start	LP841 85 CRI, 4100K, std. life	20GA 20-gauge steel construction
	2/3 Two 3-lamp ballasts	GEB10IS T8 electronic ballast, ≤10% THD, instant start, normal BF	LP850 85 CRI, 5000K, std. life	TCP Top cover panels ⁷
		GEB10ISH T8 electronic ballast, ≤10% THD, instant start, high BF		WG Wireguard, 11 gauge, external mount
				MSI Occupancy sensor pre-wired (aisle) ⁸
				MSI360 Occupancy sensor pre-wired (360°) ⁸
				MSIPE Occupancy sensor pre-wired with photocell ⁸
				EL14 Emergency battery pack ⁸

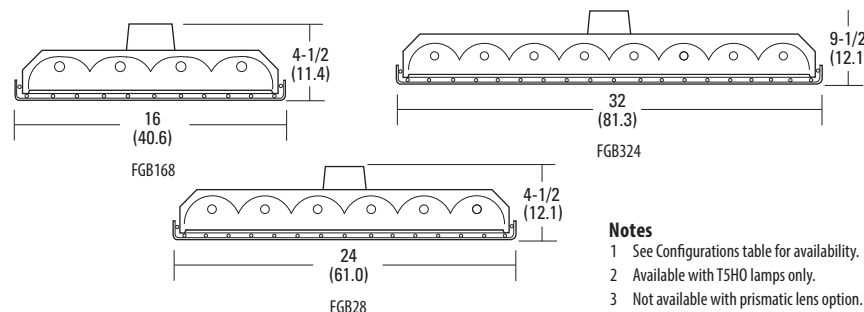
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	NUMBER OF LAMPS ⁵	WIDTH	HEIGHT	LENGTH
FGB324	8 or 10	32 (81.3)	4-3/4 (12.1)	48 (121.9)
FGB168	4	16 (40.6)	4-1/2 (11.4)	96 (243.8)
FGB28	6	24 (61.0)	4-3/4 (12.1)	96 (243.8)

ACCESSORIES	
ORDER SEPARATELY	
IBAC 120 M20	10' adjustable aircraft cable, 2-hook, Y hanger (one pair)
IBAC 240 M20	20' adjustable aircraft cable, 2-hook, Y hanger (one pair)
HSD36	3' jack chain with hanger (one pair)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for availability.
- 2 Available with T5HO lamps only.
- 3 Not available with prismatic lens option.
- 4 Available with N1 (normal) distribution only.
- 5 Not valid with 6 or more lamps in 4" fixtures.
- 6 Specify OUTCTR when monopoint haner will be used.
- 7 5/55 warranty with open fixtures only.
- 8 Must specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

MS5HB

**Intended Use**

Intended for use in retail stores, warehouses and manufacturing applications where a high lumen package in a compact fixture is required.

Features

- Convenient access plate is located on back of channel for easy access to wiring compartment
- Narrow and wide distribution available
- Optional straight-blade louver

- Optional upright softens ceiling appearance and reduces "cave effect"
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- A variety of mounting options are available including tong hangers, aircraft cables and stems
- Suitable as stand-alone fixture or mounted in rows

Listings

UL Listed for 25°C ambient temperatures. CSA Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: MS5HB 3 54T5HO SBL ND MVOLT GEB10PS90

Series	Number of lamps ^{2,3}	Lamp type	Reflector	Distribution
MS5HB	2	28T5 28W T5 (46")	(blank) No louver	ND Narrow
MS5HBST	3	54T5HO 54W T5HO (46")	SBL White straight blade louver assembly	WD Wide
For tandem double-length unit, add prefix T. Example: TMS5HB				
Voltage	Ballast configuration	Ballast	Options	
MVOLT	(blank) All 2-lamp ballasts ⁴	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	GLR	Internal fast-blow fuse ⁵
347	1/3 One 3-lamp ballast	GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start	GMF	Internal slow-blow fuse ⁵
480	1/4 One 4-lamp ballast		EL55	T5 emergency battery pack (nominal 390-700 lumens) ^{5,6}
	1/4 1/2 One 4-lamp ballast and one 2-lamp ballast		CSA	Meets Canadian standards
	2/3 Two 3-lamp ballasts		MSI	Occupancy sensor pre-wired ^{5,7}

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

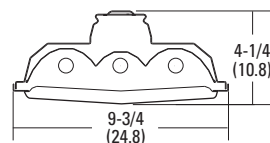
SERIES	NUMBER OF LAMPS ³	LAMPS PER FIXTURE	LAMP TYPE	WIDTH	DEPTH	LENGTH
MS5HB	2, 3	2, 3	54T5HO	9-3/4 (24.8)	4-1/4 (10.8)	46-1/8 (117.2)
TMS5HB	2, 3	4, 6	54T5HO	9-3/4 (24.8)	4-1/4 (10.8)	92-1/8 (234.0)
MS5HBST	2	2	54T5HO	9-3/4 (24.8)	4-1/4 (10.8)	46-1/8 (117.2)
TMS5HBST	2	4	54T5HO	9-3/4 (24.8)	4-1/4 (10.8)	92-1/8 (234.0)

ACCESSORIES

ORDER SEPARATELY

MSHBAC	Adjustable aircraft cable support (non-feed) (specify length as 36, 72 or 120 inches)
MSHBACF	Aircraft cable feed and support (specify length as 36, 72 or 120 inches)
THMS5HB	Tong hanger
SQ	Swivel stem hanger (specify length in 2" increments)
HC36	Chain hanger, 36" (one pair)
WGMSSHBZ	4' wireguard for MS5HB, zinc coated (two required for 8' lengths)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 2-lamp only.
- 2 See Configurations table for availability.
- 3 Number of lamps per 4' section.
- 4 Odd lamp configurations will include a two-lamp ballast.
- 5 Specify voltage.
- 6 3-lamp 4' fixtures require 1/3 ballast.
- 7 Use of programmed rapid start ballast recommended to avoid shortened lamp life.
- 8 Number of lamps per 4' cross section.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

FOB

**Intended Use**

The perfect replacement for HID high bay luminaires. Typically located in retail, warehouse, industrial, commercial and manufacturing areas. Designed for large area lighting applications (5,000 - 1,000,000+ sq. ft.) and may be mounted at heights of 15' to 25'.

Features

- Tool-less ballast and wiring access
- Door frame with two painted hinges and two painted opposing rotary cam latches
- Optional double gasketing available
- Multiple lamp distributions available

- Optional factory-installed lamps

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast

- Fixture can be offset mounted, surface or suspended mounted, utilizing appropriate mounting accessories

Listings

CSA Certified to U.S. and Canadian safety standards (UL1598 and CSA 250.0-08) for 0°C (32°F) and 30°C (85°F) lensed. Suitable for damp locations. With IMP option, fixture is CSA Certified to UL1598. Without IMP option, fixture is cUL Listed to UL1598.

ORDERING INFORMATION

Specifications subject to change.

Example: FOB164 4 54T5HO T1X20 ACL MVOLT 1/4 GEB10PS LP841

Series	Number of lamps ¹	Lamp type	Distribution/Reflector	Shielding	Voltage
4 ft fixtures	2	28T5 28W T5 (46")	Distribution	(blank) No shielding	MVOLT 120-277V, 60Hz
FOB14 1'x4'	3	32 32W T8	F1 Focus (0.9>SC) ^{2,3,4}	A12 Pattern 12 acrylic, 0.110"	HVOLT 347-480V, 60Hz
FOB164 16"x4'	4	54T5HO 54W T5HO (46")	T1 Task (0.9<1.2 SC)	ACL Clear acrylic, 0.125"	
FOB24 2'x4'	6		N1 Normal (1.2<1.4 SC)	PCL125 Clear polycarbonate, 0.125"	
8 ft fixtures			S1 Spread (1.4<1.8 SC)	NLWG No lens	
FOB18 1'x8'			B1 Broad (1.8<SC) ^{3,4}		
FOB168 16"x8'					
FOB28 2'x8'					

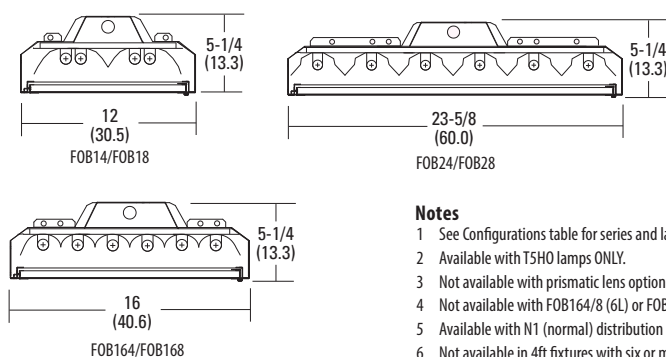
Ballast configuration	Ballast	Lamp color	Options
(blank) All 2-lamp ballasts ⁶	GEB10IS T8 electronic ballast, ≤10% THD, instant start, normal BF	(blank) No lamps	OUTCTR Wiring leads pulled through back center of fixture ⁷
1/3 One 3-lamp ballast	GEB10ISH T8 electronic ballast, ≤10% THD, instant start, high BF	LP830 85 CRI, 3000K, std. life	AB Double-gasketing
1/4 One 4-lamp ballast	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	LP835 85 CRI, 3500K, std. life	20GA 20-gauge steel construction
1/4 1/2 One 4-lamp and one 2-lamp ballast	GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	LP841 85 CRI, 4100K, std. life	AL Aluminum construction
2/3 Two 3-lamp ballasts		LP850 85 CRI, 5000K, std. life	WG Wireguard, 11 gauge, external mounting
2/4 Two 4-lamp ballasts			IMP Integrated modular plug
3/4 Three 4-lamp ballasts			IMP2 Integrated 2-circuit modular plug
			GLR Internal fast-blow fuse ⁸
			GMF Internal slow-blow fuse ⁸
			EL14 Emergency battery pack ⁸
			MSI Aisle motion sensor, pre-wired ⁸
			MSI360 360° motion sensor, pre-wired ⁸

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	NUMBER OF LAMPS	WIDTH	HEIGHT	LENGTH
FOB14 / FOB18	2, 3	12 (30.5)	5-1/4 (13.3)	48 (121.9) / 96 (243.8)
FOB164 / FOB168	4	16 (40.6)	5-1/4 (13.3)	48 (121.9) / 96 (243.8)
FOB24 / FOB28	6	23-5/8 (60.0)	5-1/4 (13.3)	48 (121.9) / 96 (243.8)

ACCESSORIES	
ORDER SEPARATELY	
IBAC120 M20	10' adjustable aircraft cable, 2-hook Y hanger (one pair)
IBAC240 M20	20' adjustable aircraft cable, 2-hook Y hanger (one pair)
MHYTGB10	10' adjustable aircraft cable, 2-toggle Y hanger (one pair)
HBBS36	3' jack chain with hanger (one pair)
THSDZ3HB	Monopoint hanger, 3/4" hub (for 12" fixture - 4' only)
THSDZ4HB	Monopoint hanger, 3/4" hub (for 16" & 24" fixtures - 4' only)
THSDZ3SK	Side covers for monopoint hanger (for 12" fixture - 4' only)
THSDZ4SK	Side covers for monopoint hanger (for 16" & 24" fixture-4' only)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for series and lamp configurations.
- 2 Available with T5HO lamps ONLY.
- 3 Not available with prismatic lens option.
- 4 Not available with FOB164/8 (6L) or FOB24/8 (8L).
- 5 Available with N1 (normal) distribution only.
- 6 Not available in 4ft fixtures with six or more lamps.
- 7 Specify OUTCTR when monopoint hanger will be used for wiring compartment.
- 8 Must specify voltage.

FAL



Intended Use

FAL provides peak optical performance with maximum fixture efficiency for aisle lighting in industrial, commercial and retail applications. T5 is ideal for mounting heights up to 50', and T8 for mounting heights up to 35' in climate-controlled spaces. Using high-performance optics will reduce the number of fixtures required and maximize energy savings.

Features

- Optical system fully enclosed in housing to protect components during shipment and installation

- Heavy-duty code-grade construction
- Access plate on back of channel allows for quick and easy wiring
- Optical system provides focused distribution with no uplight
- Segmented reflectors utilize 95%+ reflectance MIRO® specular aluminum

Listings

UL Listed to U.S. and Canadian safety standards for 25°C ambient temperatures. Suitable for damp locations.



ORDERING INFORMATION

Specifications subject to change.

Example: FAL 54L

Series	Lamp type	Distribution	Voltage	Ballast configuration
FAL Aisle lighter, 8'	<u>Lamps installed</u> 54L 54W T5HO	(blank) Focus distribution, no uplight, SC < 0.9	(blank) MVOLT ² 347 347V	(blank) Standard configuration (see table) 1/4 One 4-lamp ballast
FAL12 Aisle lighter, 12'	32L 32W T8		480 480V ³	2/2 Two 2-lamp ballasts
FAL16 Aisle lighter, 16'	<u>Unlamped</u> 54 54W T5HO 32 32W T8 28 28W T5			

Ballast	Lamp color	Options
(blank) T5HO electronic ballast, ≤10% THD, programmed rapid start	<u>T5HO</u>	EL14 Emergency battery pack (1400 lumens) ^{5,6}
(blank) T8 electronic ballast, ≤10% THD, instant start, high BF	(blank) F54T5HO/841	GLR Internal fast-blow fuse ⁶
(blank) T5 electronic ballast, ≤10% THD, programmed rapid start	LP830 F54T5HO/830	OCS OnePass® installed ⁶
GEB10IS T8 electronic ballast, ≤10% THD, instant start, normal BF	LP835 F54T5HO/835	PAF Powder coat after fabrication
	LP850 F54T5HO/850	WGI Wireguard, 11-gauge, PAF
	<u>T5HO Amalgam</u> ⁴	MSI Occupancy sensor pre-wired ⁶
	LP841A F54T5HO/841	
	LP830A F54T5HO/830	
	LP835A F54T5HO/835	
	<u>T8</u>	
	(blank) F32T8/741	
	LP730 F32T8/730	
	LP735 F32T8/735	
	LP835 28T5/835	
	LP850 28T5/850	

ADDITIONAL INFORMATION

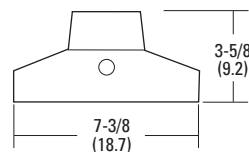
For additional product information, visit www.lithonia.com.

CONFIGURATIONS			
NOMINAL SIZE	SERIES	FIXTURE CONFIGURATION	NUMBER OF LAMPS
7.2 x 8' (18.3 x 243.8)	FAL	8' section	2
7.2 x 12' (18.3 x 365.8)	FAL12	4' + 8' section	3
7.2 x 16' (18.3 x 487.7)	FAL16	Two 8' sections	4

STANDARD BALLAST CONFIGURATIONS			
LAMP TYPE	8'	12'	16'
T5HO	One 2-lamp ballast	One 3-lamp ballast	One 4-lamp ballast
T8 (0.88 BF)	One 2-lamp ballast	One 3-lamp ballast	One 4-lamp ballast
T8 (1.2 BF)	One 2-lamp ballast	One 3-lamp ballast	Two 2-lamp ballasts
28 T5			

ACCESSORIES	
ORDER SEPARATELY	
HSD36	Chain hanger, 36"
WGFAI	Wireguard, 43" ¹⁶

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Unless otherwise specified, lamps installed are F54T5HO/841 for T5HO, F32T8/741 for T8, or 28T5/841 for T5.
- 120-277V.
- For use with T5HO. Consult factory for use with T8.
- Not for use with sensors or EL14.
- UL Listed for 40°C ambient. Consult factory for 6-lamp fixtures. Output in emergency mode varies with ambient temperature (approximately 944 lumens at 25°C and 911 lumens at 45°C). Single-lamp operation only. Not available with HVOLT. Requires some assembly in field for 6-lamp fixture.
- Specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Use in high mounting heights that require high efficiencies, horizontal illumination and premium glare control. Ideal for general manufacturing areas and warehouse aisles.

Features

- Die-cast aluminum housing
- Integral splice box mounting flange ensures structural integrity
- A17: premium spun aluminum anodized 17" reflector

- PA22 or PA22L: high-performance UV-stabilized prismatic acrylic refractor (available lensed or open)
- Electronic HID ballasts are 100% factory-tested
- 3/4" threaded hub for suspended mounting with rigid conduit (other mounting options available)

Listings

UL and cUL Listed for damp locations, 40°C ambient.

RHMC A17

RHMC PA22



With lens option

ORDERING INFORMATION

Specifications subject to change.

Example: RHMC 210MP A17 208 HEB CR

Series	Wattage ²	Reflector	Voltage	Ballast
RHMC ¹	Protected metal halide	A17 Open aluminum	208	HEB
	210MP 210W ^{2,3}	PA22 Open acrylic	240	
	315MP 315W ²	PA22L Lensed (tempered glass acrylic)	277	
			TVOLT	

Options	Finish
SF Single fuse (277) ⁴	(blank) Textured dark gray with aluminum accents
DF Double fuse (208, 240) ⁴	DNA Gloss natural aluminum with aluminum accents
EC Emergency circuit ^{4,5,6}	DBLB Textured black with aluminum accents
QRS Quartz restrike system ^{4,5,6}	DWH Gloss white
LCPP Loop, cord, plug requires TPH, PPH ⁴	CR Corrosion-resistant finish
LC3P Loop, 3' cord, 15A NEMA [®] twist-lock plug ⁴	
HC3P Hook, 3' cord, 15A NEMA twist-lock plug ⁴	

LOCS Loop, 5' white cord, RELOC [®] OCS ^{4,7}	GL17 Tempered glass lens ⁹	
HOCU Hook, 5' white cord, RELOC OCS ^{4,7}	GL17WG Tempered glass lens with wireguard ⁹	
LOCU Loop, 5' white cord, RELOC OCU ^{4,7}	DIM Dimming access terminal	
HOCU Hook, 5' white cord, RELOC OCU ^{4,7}	CSA Listed and labeled to comply with Canadian Standards	
W/Lamp 210W or 315W lamp ⁸	NOM NOM Certified (consult factory)	
Q150DC QRS lamp for 210W ⁸		
Q175DC QRS lamp for 315W ⁸		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

HKF	Fixture hook female
LPF	Fixture loop female
SCK	60" safety chain kit
WGA17	Wireguard ⁹
HKM	Fixture hook male
HKMG	Grommated fixture hook male
LPM	Fixture loop male
LPMG	Grommated fixture loop male
TPH	Through-wire power hook ¹⁰
PPH	Pendant power hook ¹⁰
DCY	Cylinder shade
DSQ	Square shade
DHX	Hexagonal shade

Notes

- Lamp not included.
- These wattages comply with California Title 20.
- Dimming over 25% of operational time not recommended by lamp/ballast manufacturer.
- Must specify voltage.
- Quartz lamp max wattage is 150 for 210M. QRS max wattage is 250 for 315M.
- Option is not field-installable. Must be factory-installed.
- May be ordered with 10', 15' and 20' cords. For black cord, specify BK (i.e.: HOCSEBK).
- Will ship as separate line item.
- When ordering GL17 option, wireguard must be factory-installed on glass.
- Must use with LCPP.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

RHPG PG16

RHPG PG16A



Intended Use

Use in high mounting heights that require high efficiencies, horizontal illumination, premium contrast control and higher thermal performance. Ideal for heavy manufacturing areas, retail and warehouse aisles.

Features

- Die-cast aluminum housing
- Integral splice box mounting flange ensures structural integrity

- 16' borosilicate glass reflector mounted with heavy-gauge wire form
- Reflector wire form is die-formed 14-gauge, corrosion-resistant, zinc-plated steel with integral locking brackets
- Electronic HID ballasts are 100% factory-tested
- 3/4" threaded hub for suspended mounting with rigid conduit (other mounting options available)

Listings

UL/cUL Listed for damp locations, 40°C ambient.

ORDERING INFORMATION

Specifications subject to change.

Example: RHPG 210MP PG16 N 208 HEB CR

Series	Wattage ²		Reflector	Distribution		Voltage	Ballast		
RHPG ¹	<u>Protected metal halide</u>		PG16	N	Narrow	208	HEB		
	210MP	210W ^{2,3}	PG16A	M	Medium	240			
	315MP	315W ²		W	Wide	277			
						TVOLT			
Options						Finish			
SF	Single fuse (277) ⁴		LOCS	Loop, 5' white cord, RELOC [®] OCS ^{4,7}		Q175DC	QRS lamp for 315W ⁸	(blank)	Textured dark gray with aluminum accents
DF	Double fuse (208, 240) ⁴		HOCs	Hook, 5' white cord, RELOC OCS ^{4,7}		DIM	Dimming access terminal	DNA	Gloss natural aluminum with aluminum accents
EC	Emergency circuit ^{4, 5, 6}		LOCU	Loop, 5' white cord, RELOC OCU ^{4,7}		CSA	Listed and labeled to comply with Canadian Standards	DBLB	Textured black with aluminum accents
QRS	Quartz restrike system ^{4, 5, 6}		HOCU	Hook, 5' white cord, RELOC OCU ^{4,7}		NOM	NOM Certified (consult factory)	DWH	Gloss white
LCPP	Loop, cord, plug requires TPH, PPH ⁴		W/Lamp	210W or 315W lamp ⁸				CR	Corrosion-resistant finish
LC3P	Loop, 3' cord, 15A NEMA [®] twist-lock plug ⁴		Q150DC	QRS lamp for 210W ⁸					
HC3P	Hook, 3' cord, 15A NEMA twist-lock plug ⁴								

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

HKF	Fixture hook female
LPF	Fixture loop female
SCK	60" safety chain kit
WGPG16	Lower wireguard
GFWG16	Upper wireguard
HKM	Fixture hook male
HKMG	Grommited fixture hook male
LPM	Fixture loop male
LPMG	Grommited fixture loop male
TPH	Through-wire power hook ¹⁰
PPH	Pendant power hook ¹¹

Notes

- Lamp not included.
- These wattages comply with California Title 20.
- Dimming over 25% of operational time not recommended by lamp/ballast manufacturer.
- Must specify voltage.
- Quartz lamp max wattage is 150 for 210M. QRS max wattage is 250 for 315M.
- Option is not field-installable. Must be factory-installed.
- May be ordered with 10', 15' and 20' cords. For black cord specify BK (i.e.: HOCsBK).
- Will ship as separate line item.
- Must use with LCPP.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Use in high mounting heights that require high efficiencies, horizontal illumination, premium glare control and total enclosure. Ideal for heavy manufacturing areas, gymnasiums and wet location applications.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- One-piece totally enclosed and gasketed aluminum reflector
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient

- EISA legislation compliant, required for 350-400W (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed -30°C to 55°C ambient operations and damp locations. High ambient (HA option) of 65°C available. UL Listed to U.S. and Canadian safety standards (see Options). NOM Certified (see Options).

TE E17
TE E22
Hi-Tek®

**ORDERING INFORMATION**

Specifications subject to change.

Example: TE 400M E17 M TB SCWA

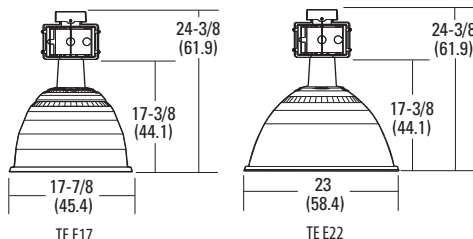
Specifications subject to change.						
Series	Lamp type			Reflector	Distribution ²	Voltage
TE	<u>Metal halide</u>	400M	<u>High pressure sodium</u>	E17	N Narrow	TB ³
	175M	750M	70S	E22	C Concentrated	120
	200M ¹	875M	100S		M Medium	208 ^{4,5}
	250M	1000M	150S		S Spread	240 ^{4,5,6}
	320M ¹		200S		W Wide	277
	350M		400S			347
						480 ^{4,5}
Ballast				Options		
<u>Pulse-start metal halide</u>				For options and accessories, see pages 575-593.		
For shipments to U.S. territories, SCWA must be specified to comply with EISA.						
SCWA	Super constant wattage autotransformer					
RLB	Regulated lag ballast					
<u>Non-EISA compliant</u>						
(blank)	Standard magnetic ballast ^{7,8}					
CWI	Constant wattage isolated ^{7,8}					
SCWI	Isolated SCWA ^{7,9}					
MRB	Magnetic regulator ballast					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
REFLECTOR	LAMP TYPE	DISTRIBUTION
E17	70S, 100S, 150S, 200S, 175M, 200M, 250M	C, M, S, W
E17	320M, 350M, 400M, 400S	M, S, W
E22	350M, 400M, 750M, 875M, 400S	N, C
E22	1000M	C, M, S

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- These wattages comply with California Title 20.
- See Configurations table for availability.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 220V and 240V 50Hz and 60Hz ballasts are available for use with U.S., protected metal halide and high pressure sodium lamps.
- Available for shipments outside of U.S. only.
- 175-400W metal halide only.
- 400W metal halide only.

TPG PG16A TPG PG21A TPG PG16 TPG PG21

DuraBay®



TPG PG16

TPG PG21A

Intended Use

Use in high mounting heights that require high efficiencies, horizontal illumination, premium contrast control and higher thermal performance. Ideal for heavy manufacturing areas, retail and warehouse aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Borosilicate glass reflector mounted with heavy-gauge wire form
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient

- EISA legislation compliant, required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed to U.S. and Canadian safety standards. NOM Certified. UL Listed for damp locations. Ambient operation -30° to 55°C. High ambient (HA option) of 65°C available.

ORDERING INFORMATION

Specifications subject to change.

Example: TPG 400MP PG16 M TB SCWA

Series	Lamp type		Reflector	Distribution ²	Voltage
TPG	Protected metal halide	875MP	PG16	N Narrow	TB ³
	175MP	1000MP	PG21	C Concentrating	120
	200MP ¹	High pressure sodium	PG16A	M Medium	208 ^{4,5}
	250MP	150S	PG21A	S Spread	240 ^{4,5,6}
	320MP ¹	200S		W Widespread	277
	350MP	250S		N21 Narrow	347
	400MP	400S		C21 Concentrating	480 ^{4,5}
	450MP	1000S		M21 Medium (1000S only)	TB ⁷

BallastPulse start metal halide

For shipments to U.S. territories, SCWA must be specified to comply with EISA.

SCWA Super constant wattage autotransformer

RLB Regulated lag ballast

Non-EISA ballast

(blank) Standard magnetic ballast⁸

CWI Constant wattage isolated⁸

MRB Magnetic regulator ballast

SCWI Isolated SCWA^{8,9}

Options

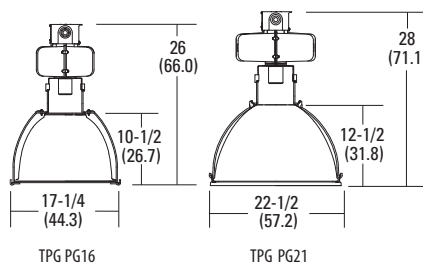
For options and accessories, see pages 575-593.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
REFLECTOR	LAMP TYPE	DISTRIBUTION
PG16	175MP, 200MP, 250MP, 320MP, 400MP, 450MP, 150S	N, C, M, S, W
PG16	200S, 250S, 400S	C, M, S, W
PG16A	150S	N, C, M, S, W
PG16A	175MP, 200MP, 250MP, 320MP, 350MP, 400MP, 450MP, 200S, 250S, 400S	C, M, S, W
PG21	200MP, 350MP, 400MP, 450MP	M21
PG21	875MP, 1000MP, 400S	C21
PG21	1000S	N21
PG21A	350MP, 400MP, 450MP	N21
PG21A	875MP, 1000MP, 400S	C21
PG21A	1000S	M21

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



TPG PG16

TPG PG21

Notes

- These wattages comply with California Title 20.
- See Configurations table for availability.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only, 200V and 240V, 50Hz and 60Hz ballast available for use with U.S. metal halide and high pressure sodium lamps.
- 220V and 240V, 50Hz and 60Hz ballasts available for use with U.S. protected metal halide lamps.
- Optional SCWA five-tap ballast (120V, 208V, 240V, 277V, 480V). Available for 250W, 400W, 1000W metal halide and high pressure sodium (CWA only).
- Available for shipments outside of U.S. only.
- 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Use in high mounting heights that require high efficiencies, horizontal illumination, premium contrast control and higher thermal performance. Ideal for heavy manufacturing areas, retail and warehouse aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Borosilicate glass reflector mounted with heavy-gauge wire form
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient

- EISA legislation compliant, required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed to U.S. and Canadian safety standards. NOM Certified. UL Listed for damp locations. Ambient operation -30° to 55°C. High ambient (HA option) of 65°C available. UL Listed to U.S. and Canadian safety standards (see Options). NOM Certified (see Options).

TPGE PG16GLE PG21GLE TPGE PG16AGLE PG21GLE

DuraBay®

**Example:** TPGE 400M PG16GLE M TB SCWA**ORDERING INFORMATION**

Specifications subject to change.

Series	Lamp type	Reflector	Distribution ²	Voltage
TPGE	<u>Metal halide</u>			
	400M	High pressure sodium	N Narrow	TB ³
	175M	150S	C Concentrating	120
	200M ¹	200S	M Medium	208 ^{4,5}
	250M	250S	S Spread	240 ^{4,5,6}
	320M ¹	400S	W Widespread	277
	350M	1000S	N21 Narrow	347
			C21 Concentrating	480 ^{4,5}
				TBV ⁷

BallastPulse-start metal halide

For shipments to U.S. territories, SCWA must be specified to comply with EISA.

SCWA Super constant wattage autotransformer

RLB Regulated lag ballast

Non-EISA ballast

(blank) Standard magnetic ballast⁸

CWI Constant wattage isolated⁸

MRB Magnetic regulator ballast

SCWI Isolated SCWA^{8,9}

Options

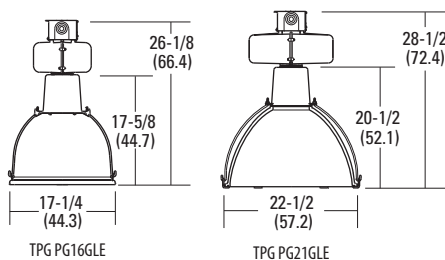
For options and accessories, see pages 575-593.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
REFLECTOR	LAMP TYPE	DISTRIBUTION
PG16GLE, PG16AGLE	150S, 175M, 250M, 320M, 350M, 400M, 450M	N, C, M, S, W
PG16GLE, PG16AGLE	200S, 250S, 400S	C, M, S, W
PG21GLE, PG21AGLE	350M, 400M, 450M, 750M, 875M	N21
PG21GLE, PG21AGLE	1000M, 400S, 1000S	C21

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- These wattages comply with California Title 20.
- See Configurations table for availability.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only, 200V and 240V, 50Hz and 60Hz ballast available for use with U.S. metal halide and high pressure sodium lamps.
- 220V and 240V, 50Hz and 60Hz ballasts available for use with U.S. protected metal halide lamps.
- Optional SCWA five-tap ballast (120V, 208V, 240V, 277V, 480V). Available for 250W, 400W, 1000W metal halide and high pressure sodium (CWA only).
- Available for shipments outside of U.S. only.
- 400W metal halide only.

TH PA22 TH PA25

Acrylume®



TH PA22

TH PA25

Intended Use

Use in high mounting heights that require higher efficiencies, general horizontal/high vertical illumination and premium contrast control. Ideal for light manufacturing areas, warehouse and retail aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- UV-stabilized, high-efficiency, high-performance acrylic reflectors
- PA25 and PA22 provide 20% uplight
- PA22E provides 15% uplight; enclosed with tempered prismatic glass lens
- PA22N provides 18% uplight

- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient
- EISA legislation compliant, required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed -30°C to 55°C ambient operations and damp locations. Listed and labeled to comply with Canadian Standards. NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: TH 400MP PA22 TB SCWA

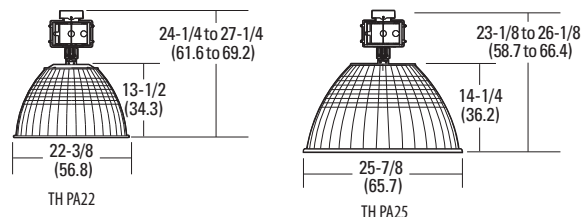
Series	Lamp type	Reflector ²	Voltage	Ballast	Options
TH	Protected metal halide	450MP	PA22	TB ⁵	Pulse-start metal halide
	175MP	875MP	PA22N	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA.
	200MP ¹	1000MP	PA22L ³	208 ^{6,7}	SCWA Super constant wattage autotransformer
	250MP	High pressure sodium	PA22E ⁴	240 ^{6,7,8}	RLB Regulated lag ballast (175-400W)
	320MP ¹	250S	PA25	277	Non-EISA ballast
	350MP	400S		347	(blank) Standard magnetic ballast ⁹
	400MP	1000S		480 ^{6,7}	SCWI Isolated SCWA (400W) ^{9,10}
				CWI Constant wattage isolated ⁹	MRB Magnetic regulator ballast

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS	
REFLECTOR	LAMP TYPE
PA22, PA22N, PA22E, PA22L	175MP, 200MP, 250MP, 320MP, 350MP, 400MP, 450MP, 250S, 400S
PA25	875MP, 1000MP, 1000S

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 These wattages comply with California Title 20.
- 2 See Configurations table for availability.
- 3 Lensed bottom, open top. Periodic cleaning maintains performance. Does not meet UL lamp rupture containment.
- 4 Enclosed bottom, open top. Meets UL lamp rupture containment standards. Periodic cleaning maintains performance.
- 5 Optional multi-tap ballast (120V, 208V, 247V, 277V; 120V, 277V, 347V in Canada).
- 6 Requires CWI or RLB option in Canada for metal halide. Available in 175-400W.
- 7 Requires CWI or MRB option in Canada for high pressure sodium. Available 70-400W.
- 8 220V and 240V, 50Hz and 60Hz ballasts available for use with U.S. protected metal halide lamps.
- 9 Available for shipments outside of U.S. only.
- 10 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Use in high mounting heights that require high efficiencies, horizontal illumination and premium glare control. Ideal for general manufacturing areas and warehouse aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Premium spun aluminum anodized reflector available in 17" or 22" (optional lens); fluted design minimizes arc tube voltage rise
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient

- EISA legislation compliant, required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed -30°C to 55°C ambient operations and damp locations. High ambient (HA option) of 65°C available. Listed and labeled to comply with Canadian Standards. NOM Certified (see Options).

TH A17

TH A22

Hi-Tek®

**ORDERING INFORMATION**

Specifications subject to change.

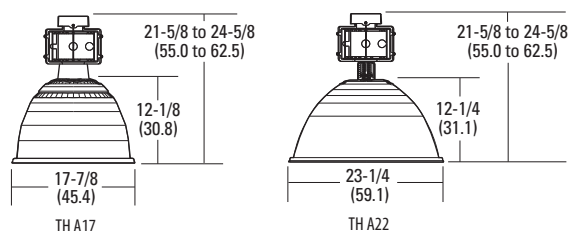
Example: TH 400MP A17 TB SCWA

Series	Lamp type		Reflector ²	Voltage	Ballast	Options
TH	Protected metal halide	High pressure sodium	A17	TB ³	Pulse-start metal halide	For options and accessories, see pages 575-593.
	175MP	70S	A22	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA.	
	200MP ¹	100S		208 ^{4,5}	SCWA Super constant wattage autotransformer	
	250MP	150S		240 ^{4,5,6}	RLB Regulates lag ballast	
	320MP ¹	200S		277	Non-EISA ballast	
	350MP	250S		347	(blank) Standard magnetic ballast ⁷	
	400MP	400S		480 ^{4,5}	SCWI Isolated SCWA ^{7,8}	
	450MP	1000S			CWI Constant wattage isolated ⁷	
	875MP				MRB Magnetic regulator ballast	
	1000MP					

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS	
REFLECTOR	LAMP TYPE
A17	175MP, 200MP, 250MP, 320MP, 350MP, 400MP, 450MP, 70S, 100S, 150S, 200S, 250S, 400S
A22	875MP, 1000MP, 100S, 150S, 200S, 250S, 400S, 1000S

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- These wattages comply with California Title 20.
- See Configurations table for availability.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Requires CWI or RLB option in Canada for metal halide. Available in 175-400W.
- Requires CWI or MRB option in Canada for metal halide. Available in 70-400W.
- 220V and 240V, 50Hz and 60Hz ballasts available for use with U.S. protected metal halide lamps.
- Available for shipments outside of U.S. only.
- 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TH A16 TH A16GL THD A16

Hi-Tek®



TH A16 / THD A16



TH A16GL

Intended Use

Use in high mounting heights that require high efficiencies and horizontal illumination. Ideal for general manufacturing areas, storage areas and warehouse aisles where color is critical.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- High-efficiency, anodized, spun aluminum with fluted design that minimizes arc-tube voltage life for optimal lamp life
- A16 open optical assemblies are self-cleaning with a ventilated design that carries contaminants out through top of reflector
- A16GL optical assemblies feature a gasketed clear tempered-glass lens with hinge and stainless steel latches
- All ballasts are 100% factory-tested

- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient
- EISA legislation compliant, required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed -30°C to 55°C ambient operations and damp locations. High ambient (HA option) of 65°C available (HA option not available with THD). UL Listed to U.S. and Canadian safety standards (see Options). NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: TH 400MP A16 TB SCWA

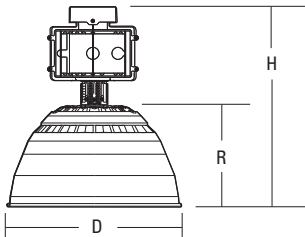
Series	Lamp type		Reflector	Voltage	Ballast	Options
TH	<u>Protected metal halide</u>		A16	TB ⁴	<u>Pulse-start metal halide</u>	For options and accessories, see pages 575-593.
THD ¹	200MP ²	<u>High pressure sodium</u>	A16GL ³	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA.	
	250MP	70S		208 ^{5,6}	SCWA Super constant wattage autotransformer	
	320MP ²	100S		240 ^{5,6,7}	RLB Regulated lag ballast	
	350MP	150S		277	<u>Non-EISA ballast</u>	
	400MP	200S		347	(blank) Standard magnetic ballast ⁸	
		250S		480 ^{5,6}	SCWI Isolated SCWA ^{8,9}	
		400S			CWI Constant wattage isolated ⁸	
					MRB Magnetic regulator ballast	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	TH A16-THD A16	TH A16GL
Diameter:	16-3/8 (41.6)	17-3/4 (45.0)
Reflector height:	9-5/8 (24.4)	10-1/4 (26.0)
Height:	19 to 22 (48.2 to 55.9)	19-5/8 to 22-5/8 (49.8 to 57.5)

Notes

- 1 THD consists of TH housing and A16 reflector shipped in one carton. Available with 400MP SCWA tapped ballast only.
- 2 These wattages are California Title 20 compliant.
- 3 Lens cannot be field-installed on open A16.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- 5 Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- 6 Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 7 220V and 240V 50Hz and 60Hz ballasts available for use with U.S. protected metal halide and high pressure sodium lamps.
- 8 Available for shipments outside of U.S. only.
- 9 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TH A14
TH A15
THD A15
Hi-Tek®



TH A14

TH A15 / THD A15

Intended Use
Use in high mounting heights that require high efficiencies and horizontal illumination. Ideal for general manufacturing areas, storage areas and warehouse aisles where color is critical.

- Features**
- Housing utilizes heavy-duty, die-cast aluminum halves
 - High-efficiency, anodized, spun aluminum with fluted design that minimizes arc-tube voltage life for optimal lamp life
 - A16 open optical assemblies are self-cleaning with a ventilated design that carries contaminants out through top of reflector
 - A16GL optical assemblies feature a gasketed clear tempered-glass lens with hinge and stainless steel latches
 - All ballasts are 100% factory-tested

- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient
- EISA legislation compliant, required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings
UL Listed -30°C to 55°C ambient operations and damp locations. High ambient (HA option) of 65°C available (HA option not available with THD). UL Listed to U.S. and Canadian safety standards (see Options). NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

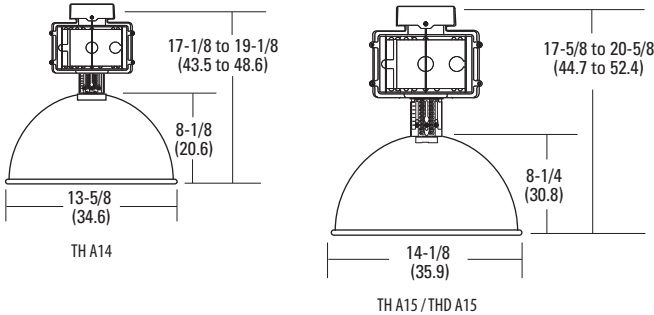
Example: TH 400MP A15 TB SCWA

Series	Lamp type	Reflector	Voltage	Ballast	Options
TH	Protected metal halide	High pressure sodium	A14	TB ³	Pulse-start metal halide
THD ¹	200MP ²	70S	A15	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA.
	250MP	100S		208 ^{4,5}	SCWA Super constant wattage autotransformer
	320MP ²	150S		240 ^{4,5,6}	RLB Regulated lag ballast
	350MP	200S		277	Non-EISA ballast
	400MP	250S		347	(blank) Standard magnetic ballast ⁷
		400S		480 ^{4,5}	SCWI Isolated SCWA ^{7,8}
					CWI Constant wattage isolated ⁷
					MRB Magnetic regulator ballast

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 THD consists of TH housing and A15 reflector shipped in one carton. Available with 400MP SCWA tapped ballast only.
- 2 These wattages are California Title 20 compliant.
- 3 Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- 4 Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- 5 Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 6 220V and 240V 50Hz and 60Hz ballasts available for use with U.S. protected metal halide and high pressure sodium lamps.
- 7 Available for shipments outside of U.S. only.
- 8 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

HID HIGH BAY HID WORK LIGHT



CHD

CTL

Intended Use

CHD open high bay fixture with anodized aluminum high bay reflector for use in high mounting heights that require high efficiencies and horizontal illumination with mounting heights of 20 feet and taller. Ideal for use in light manufacturing areas, storage areas and warehouse aisles.

CTL HID worklight with steel safety cage for use as a temporary light source. Ideal for use in new construction and during renovation of interior spaces.

Features

- Durable die-cast aluminum housing with compact design
- Steel hook and steel spring latch on removable pendant splice box

- CHD: utilizes anodized 15" spun aluminum reflector
- CTL: utilizes steel safety cage that protects the lamp while allowing maximum light output; 6' cord standard
- All ballasts are 100% factory-tested
- MH: Super CWA pulse-start ballasts, 88% efficient and EISA legislation compliant

Listings

UL Listed to U.S. and Canadian safety standards for 30°C to 50°C ambient operations and damp locations.

CONTRACTOR
SELECT

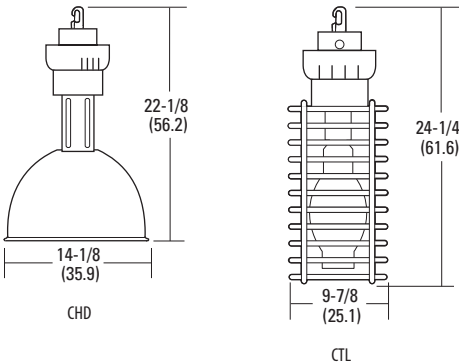
Example: CHD400PPSL

ORDERING INFORMATION		Specifications subject to change.				Example: CHD400PPSL	
Catalog number/Description		Dimensions (L x W x D, Inches)	Fixture weight (Lbs.)	Pallet quantity	Component parts/description		
CHD400PPSL	Ballast housing containing 400W MH pulse-start ballast, protected exclusionary PINK socket, mounting legs, 400W MH protected pulse-start lamp, reflector legs, 15" reflector and hook with pendant splice box	14-1/8" x 14-1/8" x 22-1/8"	21.32	18	CHCX 400PPS HSG	Housing with 400W protected socket, pendant splice box, steel hook and reflector legs; works with either CHD or CXD optical	
CHD400PL CSA	Ballast housing containing 400W MH probe-start ballast, protected exclusionary PINK socket, mounting legs, 400W MH protected probe-start lamp, reflector legs, 15" reflector and hook with pendant splice box	14-1/8" x 14-1/8" x 22-1/8"	21.32	18	A15	15 inch spun aluminum reflector	
CTL400PPSL	Ballast housing containing 400W MH pulse-start ballast, protected exclusionary PINK socket, mounting legs, 400W MH protected pulse-start lamp, outer cage and hook with pendant splice box	24-1/4" x 9-7/8" x 8-1/4"	21.2	32	WKLTCAGE	Wire cage for CTL fixture	
					WGA15	Wireguard for A15 (must be ordered separately)	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

1 Canadian products ship with standard probe-start ballast.

Intended Use

The PROTEON™ SL LED luminaire offers commercial building owners, retailers and institutions an innovative, continuous-row solution that better utilizes light to emphasize areas of focus while reducing energy. Using custom optics, the luminaire can provide unparalleled uniformity and achieve a horizontal-to-vertical light ratio not attainable through previous technologies.

Features

- Extruded housing and heat sink made from 6063-T5 aluminum allows for superior thermal management to reduce both LED and driver temperature

- Joiners and modules are made from die-cast, zinc alloy which reduces electro-magnetic interference (EMI)
- Utilizes precision-molded acrylic diffusers
- Thermally protected driver(s) standard with 0-10V dimming
- Suitable for suspension or surface-mounting with appropriate mounting accessories

Listings

CSA Listed to U.S. and Canadian safety standards (UL 1598 and C22.2N0.250.0-08). For use in damp locations. U.S. patents pending. Suitable for ambient temperatures from 5°C (41°F) - 40°C (105°F).

PTNSL

Proteon SL

**ORDERING INFORMATION**

Specifications subject to change.

Example: PTNSL4 ND OSR LP841

Series	Distribution	Voltage	Driver	Color temperature	Joiner finish	Options
PTNSL4 4'	AD1 Aisle, 17° off center	(blank) MVOLT	18 OSRAM® driver	LP835 83 CRI, 3500K CCT	(blank) Textured dark gray	CRE Continuous row, end, one end cap included
PTNSL8 8'	AD2 Aisle, 24° off center	120 120V		LP841 83 CRI, 4100K CCT	DNA Natural aluminum	CRM Continuous row, middle, no end caps included
	ND Narrow area	208 208V		LP850 83 CRI, 5000K CCT	DWH White	PLR1G Single-circuit through wire
	WD Wide area	240 240V				PLR22G Two-circuit alternating, through wire
		277 277V				PLR1LVG Single-circuit through wire, low voltage
						PLR22LVG Alternating two-circuit through wire, low voltage
						PLR2ALVG Two-circuit through wire, with A circuit connected to driver
						PLR2BLVG Two-circuit through wire, with B circuit connected to driver
						GLR Internal fast-blow fuse ¹
						CS95BL Cord no plug, black ²
						CS12BL 277V twist-lock, black ^{1,2}
						CS2BL 120V straight plug, black ^{1,2}
						UPL Uplight, non-dimming ³

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ACCESSORIES****ORDER SEPARATELY**

AFAC120	Adjustable aircraft cable, 120" ⁴
ZAC120	Adjustable aircraft cable with canopy, 120" ⁴
ZACFP120	Adjustable aircraft cable with feed and canopy, 120" ⁴
ZAC240	Adjustable aircraft cable with canopy, 240" ⁴
ZACFP240	Adjustable aircraft cable with feed and canopy, 240" ⁴
TGCLP	T-grid clips ⁵

REPLACEMENT PARTS**ORDER SEPARATELY**

DPTNSL4 AD1	Aisle, 17° off center ⁶
DPTNSL4 AD2	Aisle, 24° off center ⁶
DPTNSL4 ND	Narrow area ⁶
DPTNSL4 WD	Wide area ⁶

CONFIGURATIONS

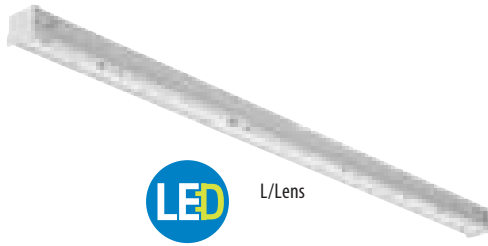
LENGTH	NOMINAL LUMENS	WATTAGE	COMPARABLE LIGHT SOURCE
4'	3,600	47	2/32T8 or 1/54T5HO
8'	7,200	92	4/32T8 or 2/54T5HO

Notes

- Must specify voltage.
- All cords are 16/3, 6' black. If plug is included, voltage must be specified. Other configurations available; consult factory. White cords available: replace BL with W (Ex: CS93W).
- Only available in 8' with LP835 and LP841.
- Bracket spacing for PTNSL4 min. 28", max. 44"; for PTNSL8 min. 48", max. 88".
- Compatible with ZAC120, ZACFP120, ZAC240 and ZACFP240.
- PTNSL4 two lenses per fixture; PTNSL8 four lenses per fixture.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

ZL1N



Intended Use

Built on the compact, low-profile Z strip channel, this LED strip offers long maintenance-free life, several color temperatures, lumen outputs and lengths. Ideal for new construction and retrofit applications in both T5 and T8 lengths. Ideal for uplight and downlight in commercial, retail, manufacturing, warehouse, cove and display applications.

Features

- Compact-design channel and cover are formed from code-gauge cold-rolled steel

- Utilizes high-output LEDs integrated on a two-layer circuit board ensuring cool-running operation
- Internal pluggable wiring harness prevents wiring errors
- LEDs provide 83 CRI at 3000K, 3500K, 4000K and 5000K
- Multi-volt input and 0-10V dimming standard

Listings

UL Listed. CSA Certified to U.S. and Canadian safety standards. For use in damp locations between -20°C (-13°F) and 30°C (86°F).

ORDERING INFORMATION

Specifications subject to change.

Example: ZL1N L48 3000LM MVOLT 40K FST WH

Series	Length	Nominal lumens ¹	Voltage	Color temperature	Diffuser	Options	Finish
ZL1N	L24 24"	3000LM 3,000 lumens	MVOLT 120-277V	40K 83 CRI, 4000K	FST Snap-on frosted, diffuser	PLR Plug-in wiring	WH White
TZL1N	L48 24"	3000LM 3,000 lumens	HVOLT 347-480V	30K 83 CRI, 3000K	L/LENS No diffuser		GALV Galvanized
		5000LM 5,000 lumens		35K 83 CRI, 3500K			MB Matte black
		7000LM 7,000 lumens		50K 83 CRI, 5000K			SKGY Smoke gray
	L96 96"	6000LM 6,000 lumens					
		10000LM 10,000 lumens					
		14000LM 14,000 lumens					

ADDITIONAL INFORMATION

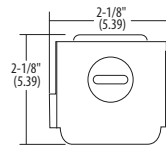
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

HC36	Hanger chain, 36"	LSXR	Sensor Switch® LSXR sensor
ZACVH	Aircraft cable with hook	ZSPRG	For 15/16" T-grid only
ZAC72	Aircraft cable, 72"	WGZ24	24" wireguard, white
ZACF72	Aircraft cable with feed, 72"	WGZ48	48" wireguard, white ²
ZAC120	Aircraft cable, 120"		
ZACF120	Aircraft cable with feed, 120"		
ZAC144	Aircraft cable, 144"		
ZACF144	Aircraft cable with feed, 144"		

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



OPERATIONAL DATA

	Nominal lumen package	Length (inches)	Delivered lumens 3000 K CCT @ 77°F (25°C) ambient temperature	Delivered lumens 3500 K CCT @ 77°F (25°C) ambient temperature	Delivered lumens 4000 K CCT @ 77°F (25°C) ambient temperature	Delivered lumens 5000 K CCT @ 77°F (25°C) ambient temperature	Wattage @ 120V/277V	Comparable light source
Lensed	3,000LM	24	2,805	2,921	3,177	3,400	34W/32W	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	3,000LM	48	2,532	2,636	2,834	3,068	32W/31W	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	5,000LM	48	3,923	4,085	4,391	4,754	42W/41W	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID
	7,000LM	48	5,914	6,158	6,619	7,231	72W/70W	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	6,000LM	96	5,064	5,273	5,668	6,136	64W/62W	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	10,000LM	96	7,846	8,170	8,782	9,508	84W/82W	4-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	14,000LM	96	11,828	12,316	13,239	14,462	144W/140W	4-lamp 32W T8, 3-lamp 54W T5HO, 150W HID
Unlensed	3,000LM	24	3,165	3,295	3,582	3,835	34W/32W	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	3,000LM	48	2,865	2,983	3,207	3,472	32W/31W	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	5,000LM	48	4,439	4,622	4,968	5,379	42W/41W	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID
	7,000LM	48	6,737	7,015	7,541	8,164	72W/70W	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	6,000LM	96	5,730	5,966	6,413	6,944	64W/62W	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	10,000LM	96	8,878	9,244	9,937	10,759	84W/82W	4-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	14,000LM	96	13,474	14,031	15,082	16,329	144W/140W	4-lamp 32W T8, 3-lamp 54W T5HO, 150W HID

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Refer to Operational Data table.
- 2 Order two for tandem double-length fixtures (TZL1N).

Intended Use

The MS Series LED is a linear solution ideal for open-ceiling or suspended applications with mounting heights from 14 to 20 feet. Available as a complete luminaire, based on the time-tested MS housing, the traditional fixture design offers time-saving installation options making it a favorite for contractors. It can be mounted in a continuous row or as a stand-alone unit. Its full-body construction and multiple mounting options adapt to a wide variety of suspended and open-ceiling applications.

Features

- The full-body housing and optical assembly is precision-formed using 20-gauge steel
- The lensing integrates seamlessly into the optical housing to provide a sealed chamber to mitigate dust and insect collection

- Optical design distributes the light in the 0-60 degree zone, which provides better utilization of light on task
- Thermally protected driver(s) standard with 0-10V dimming
- Suitable for suspension mounting with appropriate mounting options

Listings

UL and cUL Listed to U.S. and Canadian standards. For use in damp and dry locations with ambient temperatures ranging from -20°C (-4°F) to 30°C (86°F). DesignLights Consortium® qualified product.

MSL**ORDERING INFORMATION**

Specifications subject to change.

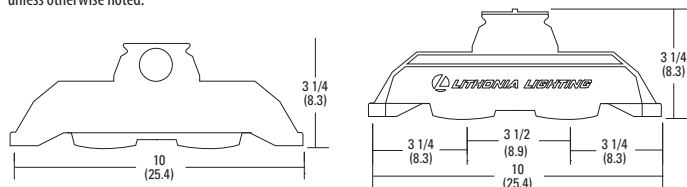
Example: MSL 4L LP835 PLR22G

Series	Lumens	Voltage	Color temperature	Options
MSL	4L 4,100 lumens ¹	(blank) MVOLT ³	LP835 3500K, 83 CRI	(blank) End caps have flattened knockouts made for individual mounting
TMSL	3L CLO 3,300 lumens ²	120 120V	LP840 4000K, 83 CRI	PLR1G Single-circuit, plug-in wiring
	8L 8,200 lumens	277 277V	LP850 5000K, 83 CRI	PLR22G Two-circuit alternating plug-in wiring
	6L CLO 8,200 lumens			PLR1LVG Single-circuit plug-in wiring with low-voltage leads
				GLR Internal fast-blow fuse ⁴
				CS93W 600 SO white cord, no plug
				CS11W 6' white cord-set, twist-lock NEMA L7-15P, 277V ⁴
				CS1W 6' white cord-set, straight blade NEMA 5-15P, 120V ⁴
				MSI Aisle motion sensor, pre-wired ⁴
				MSID Occupancy sensor, pre-wired, HI/LO dimming control ⁴
				CRE Continuous row end; one hole for wiring to row, one flattened knockout to terminate the row
				CRM Continuous row middle; both end plates have holes for row wiring

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ACCESSORIES****ORDER SEPARATELY**

MSHBAC	Adjustable aircraft cable system (specify 36, 72 or 120 inches) ⁵
MSHBACF	Adjustable aircraft cable system with power feed (specify length as 36, 72 or 120 inches) (three-wire cable) ⁵
MSHBAC2F	Adjustable aircraft cable system with power feed (specify length as 36, 72 or 120 inches) (four-wire cable) ⁵
SQ	Swivel-stem hanger (specify lengths in 2" increments)
THMS5HB	Tong hangers
WGMS8Z	4' wireguard, zinc coated

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

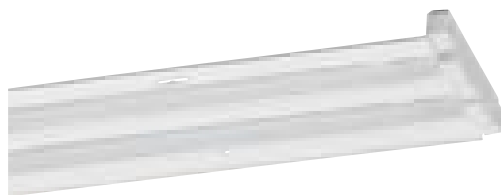
CONFIGURATIONS

LUMEN PACKAGE	AMBIENT RATING (120V-277V)	COMPARABLE LIGHT SOURCE
4L	-4°F(-20°C) to 86°F(30°C)	1-lamp 54T5HO, 2-lamp 32T8, 70-100W HID
3L CLO	-4°F(-20°C) to 86°F(30°C)	1-lamp 54T5HO, 2-lamp 32T8, 70-100W HID
8L	-4°F(-20°C) to 86°F(30°C)	2-lamp 54T5HO, 4-lamp 32T8, 150-175W HID
6L CLO	-4°F(-20°C) to 86°F(30°C)	2-lamp 54T5HO, 4-lamp 32T8, 150-175W HID

Notes

- 1 DesignLights Consortium (DLC) qualified for MSL only.
- 2 Refer to product specification sheet on www.lithonia.com for constant lumen maintenance information.
- 3 120-277V.
- 4 Specify voltage.
- 5 One cable per package.

MSLR



Intended Use

The MS Series LED is a linear solution ideal for open-ceiling or suspended applications with mounting heights from 14 to 20 feet. Based on the time-tested MS housing, or retrofit kit for existing Lithonia Lighting MS8 or TMS8 housings, the traditional fixture offers design time-saving installation options making it a favorite for contractors. It can be installed in a continuous row or as a stand-alone unit. Its full-body construction and multiple mounting options adapt to a wide variety of suspended and open-ceiling applications.

Features

- The optical assembly is precision-formed using 20-gauge steel and is provided with all hardware necessary to complete retrofit

- The lensing integrates seamlessly into the optical housing to provide a sealed chamber to mitigate dust and insect collection
- Optical design distributes the light in the 0-60 degree zone, which provides better utilization of light on task
- Thermally protected driver(s) standard with 0-10V dimming
- Designed for retrofit kit in MS8 linear fluorescent fixtures only

Listings

UL and cUL Listed to U.S. and Canadian standards. For use in damp and dry locations with ambient temperatures ranging from -20°C (-4°F) to 30°C (86°F).

ORDERING INFORMATION

Specifications subject to change.

Example: MSLR 4L LP835

Series	Lumens		Voltage		Color temperature		Options
MSLR	4L	4100 lumens ¹	(blank)	MVOLT	LP835	3500K, 83 CRI	GLR Internal fast-blow fuse ³
TMSLR	3L CLO	3300 lumens ²	120	120V	LP840	4000K, 83 CRI	
	8L	8200 lumens	277	277V	LP850	5000K, 83 CRI	
	6L CLO	6600 lumens ²					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

DIMENSIONS

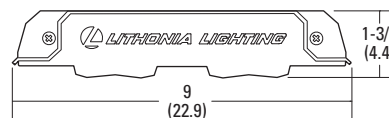
ALL DIMENSIONS ARE SHOWN IN INCHES (CENTIMETERS) UNLESS OTHERWISE NOTED.

SERIES	LENGTH	WIDTH	DEPTH	WEIGHT
TMLS	96 (243.8)	10 (25.4)	3-1/4 (8.26)	26 lbs. (11.8 kg)
MSL	48 (121.9)	10 (25.4)	3-1/4 (8.26)	13 lbs. (5.9 kg)

SPECIFICATIONS

LUMEN PACKAGE	AMBIENT RATING (120V-277V)	COMPARABLE LIGHT SOURCE
4L	-4°F (-20°C) to 86°F (30°C)	2-lamp 32T8, 70-100W HID
3L CLO	-4°F (-20°C) to 86°F (30°C)	2-lamp 32T8, 70-100W HID
8L	-4°F (-20°C) to 86°F (30°C)	2-lamp 54T5HO, 4-lamp 32T8, 150-175W HID
6L CLO	-4°F (-20°C) to 86°F (30°C)	2-lamp 54T5HO, 4-lamp 32T8, 150-175W HID

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- DesignLights Consortium® (DLC) qualified product.
- Refer to product specification sheet on www.lithonia.com for constant lumen maintenance information.
- Specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Ideal one-for-one replacement of conventional lighting systems such as HID and fluorescent. Applications include manufacturing, warehousing and other large indoor spaces with mounting heights ranging from 10'-20' to the bottom of the luminaire. Luminaire shall be suspend-mounted only. Surface mounting is not permitted.

Features

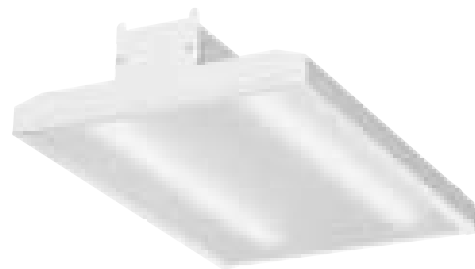
- Die-formed aluminum alloy chassis with integrated fins for superior cooling through natural convection
- Housing is rigidly designed to resist twisting and bowing
- Medium distribution to meet both horizontal and vertical light level requirements

- Reflectors are precision-formed and painted high-reflectance white
- Thermally protected driver(s) standard with 0-10V dimming
- Suitable for suspension mounting with appropriate accessories
- To maintain ambient listing, fixture must be mounted at a minimum of 24 inches below ceiling

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed. Ambient operating temperatures from -20°C to +40°C. DesignLights Consortium® qualified product for high and low bay fixtures for commercial and industrial buildings.

LED BAY LIGHTING



CONTRACTOR
SELECT

**ORDERING INFORMATION**

Specifications subject to change.

Example: IBH 12L MVOLT

Catalog Number	UPC	Description	Lumens	Color temperature	Wattage	Voltage	Distribution	Pallet quantity	Standard carton quantity
IBH 12L MVOLT	820476772351	LED bay light	11,200	4000K, 70CRI	125	120 - 277	Medium	48	1
IBH 12L HVOLT	820476772399	LED bay light	11,200	4000K, 70CRI	125	347 - 480	Medium	48	1
IBH 12L 120/277 MSID	820476772443	LED bay light with aisle motion sensor pre-wired for HI/LO dimming	11,200	4000K, 70CRI	125	120/277	Medium	48	1
IBH 12L 347 MSID	820476772535	LED bay light with aisle motion sensor pre-wired for HI/LO dimming	11,200	4000K, 70CRI	125	347	Medium	48	1
IBH 12L 120/277 MSI360D	820476772436	LED bay light with 360° motion sensor pre-wired for HI/LO dimming	11,200	4000K, 70CRI	125	120/277	Medium	48	1
IBH 12L 3477 MSI360D	820476772511	LED bay light with 360° motion sensor pre-wired for HI/LO dimming	11,200	4000K, 70CRI	125	347	Medium	48	1
IBH 18L MVOLT	820476682117	LED bay light	18,000	4000K, 70CRI	198	120 - 277	Medium	24	1
IBH 18L HVOLT	820476708398	LED bay light	18,000	4000K, 70CRI	198	347 - 480	Medium	24	1
IBH 18L 120/277 MSID	820476755965	LED bay light with aisle motion sensor pre-wired for HI/LO dimming	18,000	4000K, 70CRI	198	120/277	Medium	24	1
IBH 18L 347 MSID	820476756009	LED bay light with aisle motion sensor pre-wired for HI/LO dimming	18,000	4000K, 70CRI	198	347	Medium	24	1
IBH 18L 120/277 MSI360D	820476755910	LED bay light with 360° motion sensor pre-wired for HI/LO dimming	18,000	4000K, 70CRI	198	120/277	Medium	24	1
IBH 18L 347 MSI360D	820476755996	LED bay light with 360° motion sensor pre-wired for HI/LO dimming	18,000	4000K, 70CRI	198	347	Medium	24	1
IBH 24L MVOLT	820476617775	LED bay light	24,000	4000K, 70CRI	258	120 - 277	Medium	24	1
IBH 24L HVOLT	820476708466	LED bay light	24,000	4000K, 70CRI	258	347 - 480	Medium	24	1
IBH 24L 120/277 MSID	820476756221	LED bay light with aisle motion sensor pre-wired for HI/LO dimming	24,000	4000K, 70CRI	258	120/277	Medium	24	1
IBH 24L 347 MSID	820476756252	LED bay light with aisle motion sensor pre-wired for HI/LO dimming	24,000	4000K, 70CRI	258	347	Medium	24	1
IBH 24L 120/277 MSI360D	820476756207	LED bay light with 360° motion sensor pre-wired for HI/LO dimming	24,000	4000K, 70CRI	258	120/277	Medium	24	1
IBH 24L 347 MSI360D	820476756238	LED bay light with 360° motion sensor pre-wired for HI/LO dimming	24,000	4000K, 70CRI	258	347	Medium	24	1

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

Mounting

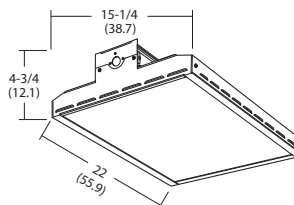
IBAC120 M20	Aircraft cable 10' with hook (one pair)
IBAC240 M20	Aircraft cable 20' with hook (one pair)
IBLPMP	Pendant monopoint splice box, includes side covers
IBLPMPHB	Pendant monopoint splice box, includes side covers (3/4" hub)
HC36	Chain hangers (1 pair, 36" long)
Wireguards	
WGIBH	Standard wireguard

SPECIFICATIONS

ALL DIMENSIONS ARE SHOWN IN INCHES (CENTIMETERS) UNLESS OTHERWISE NOTED.

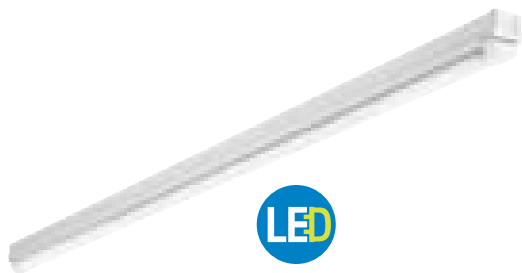
LUMENS	LENGTH	WIDTH	DEPTH	WEIGHT	COMPARABLE LIGHT SOURCE
12,000	22 (55.9)	15-1/4 (38.7)	4-3/4 (12.1)	10 lbs. (4.5 kg)	250W MH, 3-lamp T5HO, 4-lamp T8
18,000	44 (111.8)	15-1/4 (38.7)	4-3/4 (12.1)	20 lbs. (9.0 kg)	400W MH, 4-lamp T5HO, 6-lamp T8
24,000	46-1/2 (118.1)	15-1/4 (38.7)	4-3/4 (12.1)	20 lbs. (9.0 kg)	6-lamp T5HO, 8-lamp T8

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

LED DRY LOCATION STRIPLIGHT



Intended Use

Ideal one-for-one replacement of conventional lighting systems such as HID and fluorescent. Applications include manufacturing, warehousing and other large indoor spaces with mounting heights ranging from 10'-20' to the bottom of the luminaire. Luminaire shall be suspend-mounted only. Surface mounting is not permitted.

Features

- Die-formed aluminum alloy chassis with integrated fins for superior cooling through natural convection
- Housing is rigidly designed to resist twisting and bowing
- Medium distribution to meet both horizontal and vertical light level requirements

- Reflectors are precision-formed and painted high-reflectance white
- Thermally protected driver(s) standard with 0-10V dimming
- Suitable for suspension mounting with appropriate accessories
- To maintain ambient listing, fixture must be mounted at a minimum of 24 inches below ceiling

Listings

CSA Certified to U.S. and Canadian safety standards. Damp location listed. Ambient operating temperatures from -20°C to +40°C. DesignLights Consortium® qualified product for high bay and low bay fixtures for commercial and industrial buildings.



CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Example: MNSL MV M6

Catalog number	UPC	Description	Lumens	Wattage	Voltage	Color temperature	Pallet quantity	Standard carton quantity
MNSL MV M6	7535739545437	LED dry location striplight	2100	24	120-277	4000K, 88 CRI	504	1

ADDITIONAL INFORMATION

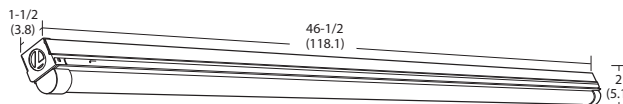
For additional product information, visit www.lithonia.com.

SPECIFICATIONS

ALL DIMENSIONS ARE SHOWN IN INCHES (CENTIMETERS) UNLESS OTHERWISE NOTED.

LUMENS	LENGTH	WIDTH	DEPTH	WEIGHT	COMPARABLE LIGHT SOURCE
2100	46-1/2 (118.1)	1-1/2 (3.8)	2 (5.1)	3.96 lbs (1.8 kg)	1 - 32W T8

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

MS8

Intended Use

Intended for use in retail stores, warehouses and manufacturing applications where high lumen package in a compact fixture is required.

Features

- Convenient access plate is located on back of channel for easy access to wiring compartment
- Narrow and wide distributions available
- Optional straight blade louver

- Optional uplight softens ceiling appearance and reduces "cave effect"
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- A variety of mounting options are available including tong hangers, aircraft cables and stems
- Suitable as stand-alone fixture or in row mounting

Listings

UL Listed for 25°C ambient temperatures. CSA Certified (see Options).

Example: MS8 2 32 SBL MVOLT GEB10IS

ORDERING INFORMATION		Specifications subject to change.					
Series		Number of lamps ^{1,2}	Lamp type		Reflector		Distribution
MS8	T8 low-profile direct/indirect	2	32	32W T8 (48")	(blank)	No louver	ND Narrow
MS8ST	T8 low-profile solid top	3			SBL	White straight blade louver assembly	WD Wide
For tandem double-length unit, add prefix T. Ex: TMS8		Not included					
Voltage	Ballast configuration	Ballast		Options			
MVOLT	(blank) All 2-lamp ballasts ³	GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start		GLR	Internal fast-blow fuse ⁴	
120	1/3 One 3-lamp ballast				GMF	Internal slow-blow fuse ⁴	
347	1/4 One 4-lamp ballast	GEB10IS	Electronic ballast, ≤10% THD, instant start		EL55	T5 emergency battery pack (nominal 390-700 lumens) ^{4,5}	
480	1/41/2 One 4-lamp ballast and one 2-lamp ballast				CSA	Meets Canadian standards	
	2/3 Two 3-lamp ballasts				MSI	Occupancy sensor pre-wired ^{4,6}	

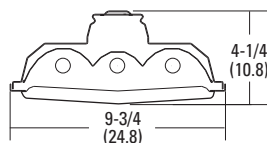
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	NUMBER OF LAMPS ²	LAMPS PER FIXTURE	LAMP TYPE	WIDTH	DEPTH	LENGTH
MS8	2,3	2,3	32	9-3/4 (24.8)	4-1/4 (10.8)	48 (121.8)
TMS8	2,3	4,6	32	9-3/4 (24.8)	4-1/4 (10.8)	96 (243.8)

ACCESSORIES	
ORDER SEPARATELY	
MSHBAC	Adjustable aircraft cable support (non-feed) (specify length as 36, 72 or 120 inches)
MSHBACF	Aircraft cable feed and support (specify length as 36, 72 or 120 inches)
THMS5HB	Tong hanger
SQ	Swivel stem hanger (specify length in 2" increments)
HC36	Chain hanger, 36" (one pair)
WGMS8Z	4' wire guard for MSB, zinc coated (two required for 8' lengths)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

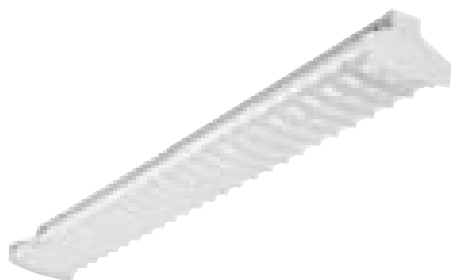
**Notes**

- 1 See Configurations table for availability.
- 2 Number of lamps per 4' section.
- 3 Odd lamp configurations will include a 2-lamp ballast.
- 4 Specify voltage.
- 5 3-lamp 4' fixtures require 1/3 ballast.
- 6 Use of programmed rapid start ballast recommended to avoid shortened lamp life.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Z-SBL



Intended Use

The new Z series straight-blade louver (SBL) products offer engineers and specifiers a contemporary designed lighting fixture which provides the ideal balance of appearance, performance and efficiency. Versatile for a wide range of spaces from retail, commercial, merchandising and task applications, this new low-profile SBL series provides the perfect solutions for general and reduced-space areas.

Features

- All metal components are constructed of code-gauge cold-rolled steel and are painted with a 92% reflective enamel powder paint finish

- Precision-designed blade assemblies are positively retained to the housing with safety cables for ease of cleaning and re-lamping
- Straight-blade louvers available in 48" and 46" increments, either solid or perforated versions
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspension mounting with the appropriate accessories

Listings

UL Listed, cUL Listed or CSA Certified to Canadian Standards. Listed for 25°C ambient temperature.

ORDERING INFORMATION

Specifications subject to change.

Example: Z 1 28T5 SBL MVOLT GEB10IS

Series	Number of lamps	Lamp type	Louver	Voltage	Ballast	Finish
Z Low profile	1	28T5 28W T5 (46")	SBL Solid-blade louver	MVOLT	GEB10IS T8 electronic ballast, ≤10% THD, instant start (T8 only)	(blank) White
For tandem double-length unit, add prefix "T". Ex: TZ	2	32 32W T8 (48")	SBLP Perforated-blade louver	347	GEB10RS T8 electronic ballast, ≤10% THD, rapid start	MB Matte black
	Not included	54T5HO 54W T5HO (46")	SBLA8 Solid-blade louver, 8% uplight	Others available	GEB10PS Electronic ballast, ≤10% THD, programmed start	GALV Galvanized
			SBLA5 Solid-blade louver, 5% uplight		GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start	SKGY Smoke gray
			SBLPA8 Perforated-blade louver, 8% uplight		BILP High-efficiency, 78 bf (low)	
			SBLPA5 Perforated-blade louver, 5% uplight		BIHP High-efficiency, 1.20 bf (high)	

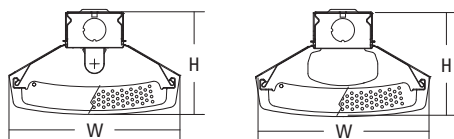
Options

SSR	MIRO® 4 specular insert	EL65	Emergency battery pack (nominal 390-700 lumens) ^{1,2}
GLR	Internal fast-blow fuse (add X for external) ¹	CSA	CSA Certified
GMF	Internal slow-blow fuse (add X for external) ¹	NOM	NOM Certified
PLR_	Plug-in wiring; specify number of branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)	MSI	Aisle motion sensor ¹
TILW	Tandem in-line wiring	MSI360	360° motion sensor ¹
EL55	Emergency battery pack (nominal 390-700 lumens); consult factory for additional battery packs ^{1,2}	MSE360LBZ	360° motion sensor; for mounting within row or at end of row ¹

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



SPECIFICATIONS

Length - T5	46 (116.8) or 92 (233.7)
Length - T8	48 (121.9) or 96 (243.8)
Width	6-9/16 (16.7)
Depth	3-15/16 (10)

ACCESSORIES

ORDER SEPARATELY

HC36	Hanger chain, 36"
SQ_	Swivel-stem hanger (specify length in 2" increments)
1B	Ceiling spacer; spaces fixture 1-1/2" to 2-1/2" from ceiling ³
ZSPRG	Tong and T-grid hanger (for 15/16" T-grid)
ZACVH	Aircraft cable with hook
ZAC72	Aircraft cable, 72"
ZACVH	Aircraft cable with hook
ZAC72	Aircraft cable, 72"
ZACF72	Aircraft cable with feed, 72"
ZAC120	Aircraft cable, 120"
ZACF120	Aircraft cable, 144"
ZACF144	Aircraft cable with feed, 144"

Notes

- Specify voltage.
- Not available with CSA Certified.
- For unit mounting, order two per fixture. For row mounting, order one per fixture plus one per row.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

ZAL

**Intended Use**

The ZAL performance aisle lighter provides an excellent choice for both precision-focused and narrow-lighting-distribution applications. The low-profile industrial offers customers unique product features which provide optimal lighting performance, improved installation and energy-saving benefits. Ideal for commercial, manufacturing and warehouse applications where specific targeted performance at higher mounting heights, is required.

Features

- Compact channel design formed from code-gauge cold-rolled steel
- Two reflector versions available: MIRO® 4 specular aluminum (95% reflectivity) or post painted white (92% reflectivity)

- Deep reflector design provides precision light distribution at higher mounting heights
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspension or surface mounting with the appropriate accessories

Listings

UL Listed, cUL Listed or CSA Certified to Canadian Standards. Listed for 25°C ambient temperature. Damp location listed.

ORDERING INFORMATION

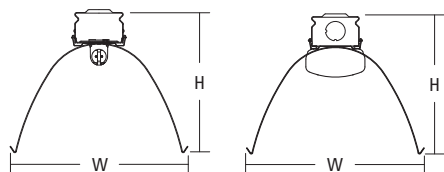
Specifications subject to change.

Example: ZAL 1 54T5HO MVOLT GEB10PS

Series	Number of lamps	Lamp type	Finish/Reflector	Voltage	Ballast
ZAL Aisle lighter	1	28T5 28W T5 (46")	(blank) White	MVOLT ¹	GEB10IS T8 electronic ballast, ≤10% THD, instant start
For tandem double-length unit, add prefix "T". Ex: TZAL	2	32 32W T8 (48")	SSR Specular finish reflector	120	GEB10PS Electronic ballast, ≤10% THD, programmed start
	Not included.	54T5HO 54W T5HO (46")		277	GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start
				347	BINP High-efficiency T8, 1.00 bf (normal)
				Others available.	BIHP High-efficiency T8, 1.20 bf (high)
Options					
GLR	Internal fast-blow fuse ²	CSA	CSA Certified		
GMF	Internal slow-blow fuse ²	USPOM	United States plant of manufacture		
PLR_	Plug-in wiring; specify number of branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)	MSI	Aisle motion sensor ²		
TILW	Tandem in-line wiring	MSI360	360° motion sensor ²		
EL55	Emergency battery pack (nominal 390-700 lumens); consult factory for additional battery packs ^{2,3}	MSE360LBZ	360° motion sensor; for mounting within row or at end of row ²		
EL65	Emergency battery pack (nominal 390-700 lumens) ^{2,3}				

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**SPECIFICATIONS**

Length - T5	46 (116.8) or 92 (233.7)
Length - T8	48 (121.9) or 96 (243.8)
Width	2-1/8 (5.4)
Depth	1-1/2 (3.8)
Weight	7.1 lbs (3.2 kg)

ACCESSORIES
ORDER SEPARATELY

HC36	Hanger chain, 36"
ZACVH	Aircraft cable with hook
ZAC72	Aircraft cable, 72"
ZACF72	Aircraft cable with feed, 72"
ZAC120	Aircraft cable, 120"
ZACF120	Aircraft cable with feed, 120"
ZAC144	Aircraft cable, 144"
ZACF144	Aircraft cable with feed, 144"
SQ	Swivel-stem hanger (specify length in 2" increments)
ZACVH M100	Masterpack 100 aircraft cable; 1 pair, for use only with z series fixtures
ZSPRG	Tong and T-grid hanger (for 15/16" T-grid)
ZACF144	Aircraft cable with feed, 144"

Notes

- 1 MVOLT (120-277V), 50-60Hz.
- 2 Specify voltage.
- 3 Not available with CSA Certified.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Fluorescent

AF

**Intended Use**

For applications that require medium to high light levels such as manufacturing, warehousing, storage, retail or task lighting. Ideal for mounting heights up to 25'.

Features

- Solid-top, 10% uplight or 20% uplight reflectors available
- Pressure-lock lampholders enclosed in a snap-in turret housing
- Accepts plug-in option for one, two or three circuits (PLR option)

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- For unit or row installations, surface or suspended mounting with appropriate accessories

Listings

UL Listed for 25°C ambient temperatures. 120V, 277V and MVOLT are UL Listed and CSA Certified (standard). 347V is CSA Certified (see Options). NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

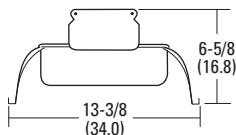
Example: AF 2 32 MVOLT GEB10IS

Series	Number of lamps	Lamp type	Voltage	Ballast configuration	Ballast	Options
AF 20% uplight	1	32 32W T8 (48")	MVOLT	(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards	PLF_ Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)
AF10 10% uplight	2	48T8HO 44W T8 (48")	347 ¹			TILW Tandem in-line wiring
AFST Solid reflector	3	96T8 59W T8 slimline (96")		1/3 One 3-lamp ballast	GEB10IS T8 electronic ballast, ≤10% THD, instant start	EL14 Emergency battery pack (nominal 1400 lumens); see Life Safety section ^{2,3}
For tandem double-length unit, add prefix "T". Ex: TAFP	4	96T8HO 86W T8 380mA (96")		1/4 One 4-lamp ballast	GEB10PS T8 electronic ballast, ≤10% THD, programmed rapid start	ACEP Full-depth end plates (one pair) ⁴
	Not included.					DLAF ME 30° x 30° metal eggcrate louver, 48" long ⁴
						DLAF A12 Framed acrylic prismatic lens, #12 ⁴
						CSA Meets Canadian standards
						NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available only with CSA option.
- 2 Specify voltage.
- 3 Not available with CSA option.
- 4 Order accessories as separate catalog numbers.

PRODUCT INFORMATION

Fluorescent

AFP

**Intended Use**

For applications that require medium to high light levels such as manufacturing, warehousing, storage, retail or task lighting. Ideal for mounting heights up to 25'.

Features

- Solid-top, 10% uplight or 20% uplight reflectors available
- Pressure-lock lampholders enclosed in a snap-in turret housing
- Accepts plug-in option for one, two, or three circuits (PLR option)

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- For unit or row installations, surface or suspended mounting with appropriate accessories

Listings

UL Listed for 25°C ambient temperatures. 120V, 277V and MVOLT are UL Listed and CSA Certified (standard). 347V is CSA Certified (see Options). NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: AFP 2 32 MVOLT GEB10IS

Series	Number of lamps	Lamp type	Voltage	Ballast configuration	Ballast	Options
AFP 10% uplight	1	28T5 28W T5 (46")	MVOLT	(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards	PLF_ Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)
AFPST Solid reflector	2	32 32W T8 (48")	347 ¹			TILW Tandem in-line wiring
For tandem double-length unit, add prefix "T". Ex: TAFP	3	54T5HO 54W T5HO (46")		1/3 One 3-lamp ballast	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	EL55 Emergency battery pack (nominal 390-700 lumens) ^{2,3}
	Not included.			1/4 One 4-lamp ballast	GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start	EL65 Emergency battery pack (nominal 725-1325 lumens) ^{2,3}
						DLAF ME 30° x 30° metal eggcrate louver, 48" long ⁴
						DLAF A12 Framed acrylic prismatic lens, #12 pattern, 48" long ⁴
						ACEP Full-depth endplates (1 pair) ⁴
						CSA Meets Canadian standards
						NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.**Notes**

- 1 Available only with CSA option.
- 2 Specify voltage.
- 3 Not available with CSA option.
- 4 Order accessories as separate catalog numbers.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

SL



Intended Use

Used for general illumination in areas such as manufacturing or warehousing where vibration is an issue.

Features

- Premium-gauge, die-formed channel, designed for strength and rigidity
- Pressure-lock lampholders enclosed in a snap-in turret housing
- Sturdy channel cover secured by quarter-turn latch for easy access to wireway

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for suspended mounting in unit or row installations with appropriate mounting accessories

Listings

UL Listed for 25°C ambient temperatures and damp location. UL listed and labeled. CSA Certified (see Options). NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

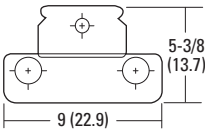
Example: SL 2 96HO 120 GEB CW20

Series	Number of lamps	Lamp type	Voltage	Ballast	Options
SL Heavy-duty turret strip	1	32 32W T8 (48")	120	GEB10IS T8 electronic ballast, ≤10% THD, instant start	EL Emergency battery pack ^{2,3}
	2	48T8HO 44W T8 (48")	277		EL14 Emergency battery pack (nominal 1400 lumens); see Life Safety section ^{2,3}
	3	96T8 59W T8 slimline (96")	347 ¹		GLR Internal fast-blow fuse (add X for external) ²
	4	96T8HO 86W T8 380mA (96")	Others available.		GMF Internal slow-blow fuse (add X for external) ²
For tandem double-length unit, add prefix "T". Ex: TSL	Not included.				CS1 6' cordset, NEMA® 5-15P SJT, U-ground plug, 120V ²
					CS3 6' cordset, NEMA L5-15P SJT, twist-lock plug, 120V ²
					CS7 6' cordset, NEMA 5-15P SJT, U-ground plug, 277V ²
					CS11 6' cordset, NEMA L5-15P SJT, twist-lock plug, 277V ²
					PLF_ Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)
					TILW Tandem in-line wiring
					SW Palletized and stretch-wrapped
					CSA Meets Canadian standards
					NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES

ORDER SEPARATELY

SQ_	Swivel-stem hanger (specify length in 2" increments)
1B	Ceiling space (adjusts from 1-1/2" to 2-1/2" from ceiling)
HC36	Chain hangers (1 pair, 36" long)
THUN	Tong hanger
HRUN1	Hooker® T-bar hanger (1-1/2" from ceiling)

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Available only with CSA option.
- 2 Must specify voltage.
- 3 Not available with CSA option.

PRODUCT INFORMATION

Fluorescent

HEAVY-DUTY INDUSTRIALS



- Intended Use**
Intended for mounting heights up to 20' requiring low to medium light levels. Ideal for light-duty task lighting, utility, storage rooms or retail.
- Features**
- Die-formed code-gauge steel with white enamel finish and 12" wide solid-top reflector
 - Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast

- Suitable for surface or suspended mounting using appropriate mounting options
- Listings**
120V, 277V and MVOLT are UL Listed and CSA Certified (standard). 347V is CSA Certified (see Options). NOM Certified (see Options). Suitable for damp locations.



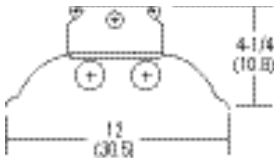
Example: EJ296T8H0

ORDERING INFORMATION Specifications subject to change.

Catalog number	Description	Number of lamps	Length	Lamp type	Voltage	Ballast	Lamp included
EJ296T8H0	T8 heavy-duty industrial	2	96"	86	120	Electronic, rapid start	N

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Fluorescent

GENERAL PURPOSE INDUSTRIALS



- Intended Use**
Intended for mounting heights up to 16' requiring low to medium light levels. Ideal for light-duty task lighting, utility, storage rooms or retail.
- Features**
- Die-formed code-gauge steel with white enamel finish and 12" wide solid-top reflector
 - Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast

- Suitable for surface or suspended mounting using appropriate mounting options
- Listings**
120V, 277V and MVOLT are UL Listed and CSA Certified (standard). 347V is CSA Certified (see Options). NOM Certified (see Options). Suitable for damp locations.



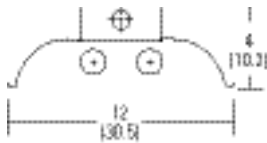
Example: L232 MV

ORDERING INFORMATION Specifications subject to change.

Catalog number	Description	Number of lamps	Length	Lamp type	Voltage	Ballast	Lamp included
L232 MV	T8 general-purpose industrial	2	48"	32	120-277	Instant start	N
TL232 MV	T8 general-purpose industrial	4	96"	32	120-277	Instant start	N
L296T8	T8 general-purpose industrial	2	96"	59	120	Electronic, rapid start	N

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

UNS
EJS**Intended Use**

Ideal where high brightness and high illumination levels are required such as retail, industrial and warehouse applications.

Features

- Premium-gauge channel features gripper-back design for strength and rigidity
- Solid-top reflector or uplight is available with EJS
- Lampholders secured by screwed-on end plates

- Thermally protected, resetting, ClassP, HOF, A+ sound rated electronic ballast
- For unit or row installation, surface or suspended mounting with appropriate accessories

Listings

UL Listed for 25°C ambient temperatures and damp locations. UL Listed to U.S. and Canadian safety standards. Optional: Mexico NOM.



UNS

EJS

Example: UNS 2 32 MVOLT GEB10IS

ORDERING INFORMATION		Specifications subject to change.					Example: UNS 2 32 MVOLT GEB10IS		
Series		Number of lamps ¹	Lamp type			Voltage	Ballast configuration		
UNS	Heavy-duty strip	1	14T5	14W T5 (22")	54T5HO	54W T5HO (46")	MVOLT	(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards	
EJS	Solid top	2	17	17W T8 (24")	96T8HO	96W T8 T8HO (96")	120		
EJSA	Uplight	3	21T5	21W T5 (34")			277	1/3 One 3-lamp ballast	
For tandem double-length unit, add prefix T. Ex: TUNS			25	25W T8 (36")			347 ²	1/4 One 4-lamp ballast	
			28T5	28W T5 (46")					
			32	32W T8 (48")					
Ballast					Options				
GEB10IS	T8 electronic ballast, ≤10% THD instant start				EL14	Emergency battery pack ^{3,4}		PLR	Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)
GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start				EL55	Emergency battery pack (nominal 390-700 lumens) ^{3,4}			
GEB10PS90	T5HO electronic ballast, ≤10% THD, programmed rapid start				EL65	Emergency battery pack (nominal 725-1325 lumens) ^{3,4}		TILW	Tandem in-line wiring
					GLR	Internal fast-blow fusing ³		CSA	Meets Canadian standards
					GMF	Internal slow-blow fusing ³		NOM	Meets Mexican standards

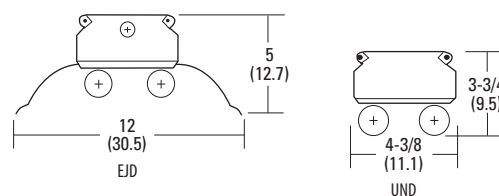
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH IN. (CM)	DEPTH IN. (CM)	LENGTH IN. (CM)
UNS	1, 2, 3	1, 2, 3	14T5, 17	4-3/8 (11.1)	3 (7.6)	24 (61.0)
UNS	1, 2, 3	1, 2, 3	21T5, 25	4-3/8 (11.1)	3 (7.6)	36 (91.4)
UNS	1, 2, 3	1, 2, 3	28T5, 32, 54T5HO	4-3/8 (11.1)	3 (7.6)	48 (121.9)
UNS	1, 2	1, 2	96T8HO	4-3/8 (11.1)	3 (7.6)	96 (243.8)
TUNS	1, 2, 3	2, 4, 6	14T5, 17	4-3/8 (11.1)	3 (7.6)	48 (121.9)
TUNS	1, 2, 3	2, 4, 6	21T5, 25	4-3/8 (11.1)	3 (7.6)	72 (182.9)
TUNS	1, 2, 3	2, 4, 6	28T5, 32, 54T5HO	4-3/8 (11.1)	3 (7.6)	96 (243.8)

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH IN. (CM)	DEPTH IN. (CM)	LENGTH IN. (CM)
EJS, EJSA	1, 2, 3	1, 2, 3	14T5, 17	12 (30.5)	4-1/4 (8.2)	24 (61.0)
EJS, EJSA	1, 2, 3	1, 2, 3	21T5, 25	12 (30.5)	4-1/4 (8.2)	36 (91.4)
EJS, EJSA	1, 2, 3	1, 2, 3	28T5, 32, 54T5HO	12 (30.5)	4-1/4 (8.2)	48 (121.9)
EJS, EJSA	1, 2	1, 2	96T8HO	12 (30.5)	4-1/4 (8.2)	96 (243.8)
TEJS, TEJSA	1, 2, 3	2, 4, 6	14T5, 17	12 (30.5)	4-1/4 (8.2)	48 (121.9)
TEJS, TEJSA	1, 2, 3	2, 4, 6	21T5, 25	12 (30.5)	4-1/4 (8.2)	72 (182.9)
TEJS, TEJSA	1, 2, 3	2, 4, 6	28T5, 32, 54T5HO	12 (30.5)	4-1/4 (8.2)	96 (243.8)
TEJS, TEJSA	1, 2	2, 4	96T8HO	12 (30.5)	4-1/4 (8.2)	192 (487.7)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for availability.
- Available only with CSA option.
- Must specify voltage.
- Not available with CSA.

PRODUCT INFORMATION

UN
EJ**Intended Use**

Ideal for applications requiring high brightness and high illumination levels such as retail, industrial and warehouse areas.

Features

- Premium-gauge channel features gripper-back design for strength and rigidity
- Lampholders secured by screwed-on end plates

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- For unit or row installation, surface or suspended mounting with appropriate accessories

Listings

UL Listed for 25°C ambient temperatures and damp locations. Optional NOM certification (meets Mexican standards) is available.

ORDERING INFORMATION

Specifications subject to change.

Example: EJ 2 32 MVOLT GEB10IS

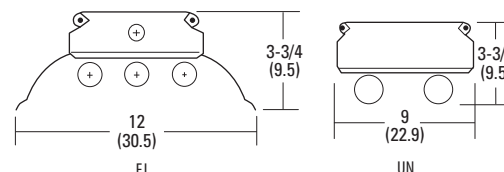
Series		Number of lamps ¹	Lamp type				Voltage		
UN	Three or four lamps, heavy-duty strip	2	14T5	14W T5 (22")	32	32W T8 (48")	96T8	96W T8 slimline (96")	MVOLT
2UN	Two lamps, heavy-duty strip	3	17	17W T8 (24")	54T5HO	54W T5HO (46")	96T8HO	96W T8 T8HO (96")	120
EJ	Three or four lamps, solid top	4	21T5	21W T5 (34")					277
EJA	Three or four lamps, uplight		25	25W T8 (36")					347 ²
2EJ	Two lamps, solid top		28T5	28W T5 (46")					
2EJA	Two lamps, uplight								
For tandem double-length unit, add prefix T. Ex: TUN									
Ballast configuration		Ballast		Options					
(blank)	1- and/or 2-lamp ballasts per Lithonia Lighting standards	GEB10IS	T8 electronic ballast, ≤10% THD, instant start	EL14	Emergency battery pack ^{3,4}				
1/3	One 3-lamp ballast	GEB10PS	Electronic ballast, ≤10% THD, programmed start	EL55	Emergency battery pack (nominal 350-700 lumens) ^{3,4}				
1/4	One 4-lamp ballast	GEB10PS90	T5HO electronic ballast, ≤10% THD, programmed rapid start	EL65	Emergency battery pack (nominal 725-1325 lumens) ^{3,4}				
				GLR	Internal fast-blow fusing ³				
				GMF	Internal slow-blow fusing ³				
				PLR	Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)				
				TILW	Tandem in-line wiring				
				CSA	Meets Canadian standards				
				NOM	Meets Mexican standards				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS							
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH: UN IN. (CM)	WIDTH: EJ IN. (CM)	DEPTH IN. (CM)	LENGTH IN. (CM)
UN, EJ	3, 4	3, 4	14T5, 17	9 (22.9)	12 (30.5)	3-3/4 (9.5)	24 (60.9)
UN, EJ	3, 4	3, 4	21T5, 25	9 (22.9)	12 (30.5)	3-3/4 (9.5)	36 (91.4)
UN, EJ	3, 4	3, 4	28T5, 32, 54T5HO	9 (22.9)	12 (30.5)	3-3/4 (9.5)	48 (121.9)
2UN, 2EJ	2	2	28T5, 32, 54T5HO	9 (22.9)	16 (40.6)	3-3/4 (9.5)	48 (121.9)
UN, EJ	3, 4	3, 4	96T8HO	9 (22.9)	12 (30.5)	3-3/4 (9.5)	96 (243.8)
2UN, 2EJ	2	2	96T8HO	9 (22.9)	16 (40.6)	3-3/4 (9.5)	96 (243.8)
TUN, TEJ	3, 4	6, 8	14T5, 17	9 (22.9)	16 (40.6)	3-3/4 (9.5)	48 (121.9)
TUN, TEJ	3, 4	6, 8	21T5, 25	9 (22.9)	16 (40.6)	3-3/4 (9.5)	72 (182.9)
TUN, TEJ	3, 4	6, 8	28T5, 32, 54T5HO	9 (22.9)	16 (40.6)	3-3/4 (9.5)	96 (243.8)
T2UN, T2EJ	2	4	28T5, 32, 54T5HO	9 (22.9)	16 (40.6)	3-3/4 (9.5)	96 (243.8)
T2UN, T2EJ	2	4	96T8, 96T8HO	9 (22.9)	16 (40.6)	3-3/4 (9.5)	192 (487.7)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp compatibility.
- Available only with CSA option.
- Specify voltage.
- Not available with CSA option.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Ideal where high brightness and good illumination levels are required, such as retail, light industrial and warehouses.

Features

- Steel channel (standard) with high-gloss, baked polyester finish
- Optional aluminum channel available, features corrosion-resistant fasteners for use in damp locations

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast

Listings

UL Listed to U.S. and Canadian safety standards. Optional: Mexico NOM. Damp location listed.

**ORDERING INFORMATION**

Specifications subject to change.

Example: C 2 32 MVOLT GEB10IS

Series	Number of lamps ¹	Lamp type	Voltage	Ballast configuration
C	1	17 17W T8 (24")	MVOLT	(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards
For tandem double-length unit, add prefix T. Ex: TC	2	25 25W T8 (36")	120	
	Not included.	32 32W T8 (48") ¹	277	1/4 One 4-lamp ballast
		96T8 59W T8 slimline (96") ²	347 ⁴	
		96T8HO 86W T8 380mA (96") ^{2,3}		
		CF39 39W CF lamp (18")		
		CF40 40W CF lamp (24")		
		CF50 50W CF lamp (24")		

Ballast	Options
GEB10IS T8 electronic ballast, ≤ 10% THD, instant start	EL Emergency battery pack ^{5,6}
GEB10PS Electronic ballast, ≤ 10% THD, programmed rapid start	AL Aluminum body
	GLR Internal fast-blow fuse (add X for external) ⁵
	GMF Internal slow-blow fuse (add X for external) ⁵
	PLR Plug-in wiring, specify 1, 2 or 3 branch circuits and hot wires (A = black; B = red; C = blue; AB or AC)

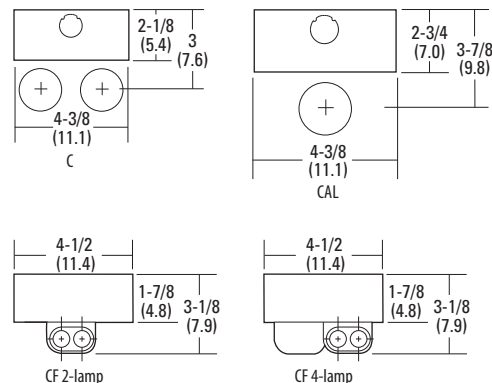
BINP T8 high-performance ballast, normal ballast factor (.88), instant start	TILW Tandem in-line wiring
BIHP Electronic ballast, ≤ 10% THD, programmed rapid start	CSA Meets Canadian standards
	NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH IN. (CM)
C/CAL	1,2	1,2	17	24 (61.0)
C	1,2	1,2	CF39	24 (61.0)
C/CAL	1,2	1,2	25	36 (91.4)
C	1,2	1,2	CF40	36 (91.4)
C/CAL	1,2	1,2	32	48 (121.9)
C	1,2	1,2	CF50	48 (121.9)
TC/TCAL	1	2	25	72 (182.9)
TC/TCAL	2	4	25	72 (182.9)
C/CAL	1,2	1,2	96T8, 96T8HO	96 (243.8)
TC/TCAL	1	2	32	96 (243.8)
TC/TCAL	2	4	32	96 (243.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp compatibility.
- Order two 48" reflectors for 96" fixtures.
- HO only available with aluminum (AL) version.
- Available only with CSA option.
- Specify voltage.
- Not available with CSA option.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Z

Low-Profile T5 Striplight

**Intended Use**

The industry's next generation in linear direct fluorescent products. This new compact, low-profile design offers our customers unique product features which improve the overall installation process and appearance while reducing labor costs, making it the most versatile solution for commercial retail, manufacturing, warehouse, and cove and display applications.

Features

- Compact designed channel and cover formed from code-gauge cold-rolled steel
- Improved easy "snap n' lock" end plates allow for quick attachment

- Reflector options include solid or apertured designs in both symmetric and asymmetric configurations
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for surface or suspended mounting using appropriate mounting accessories
- "Three-point" row connector locks channel together for straighter and faster row mounting

Listings

UL Listed, cUL Listed or CSA Certified to Canadian Standards. Listed for 25°C ambient temperature.

ORDERING INFORMATION

Specifications subject to change.

Example: Z 1 54T5HO Z5SMR46 MVOLT GEB10PS

Series	Number of lamps	Lamp type	Reflector	Distribution	Voltage
Z Low-profile strip	1	14T5 14W T5 (22")	(blank) No reflector	(blank) Solid	MVOLT
For tandem double-length unit, add prefix T. Ex: TZ	2	21T5 21W T5 (34")	Z5ASR46 46" asymmetric reflector	A8 Apertured 8% uplight	120
	Not included.	24T5HO 24W T5HO (22")	Z5SMR46 46" symmetric reflector	A5 Apertured 5% uplight	277
		28T5 28W T5 (46")		A4 Apertured 4% uplight ¹	347 ^{2,3}
		39T5HO 39W T5HO (34")		A2 Apertured 2% uplight ¹	
		54T5HO 54W T5HO (46")			

Ballast	Options	Finish
GEB10PS T5 electronic ballast, ≤10% THD, programmed rapid start	EL55 Emergency battery pack (nominal 390-700 lumens) ^{4,5}	(blank) White-gold
GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start	EL65 Emergency battery pack (nominal 725-1325 lumens) ^{4,5}	MB Matte black
	PLF Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A= black; B= red; C= blue; AB or AC)	GALV Galvanized
	TILW Tandem in-line wiring	SKGY Smoke gray
	AL Aluminum	SSR Specular ⁶
	CSA Meets Canadian standards	
	NOM Meets Mexican standards	

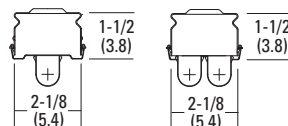
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

SQ	Swivel-stem hanger (specify length in 2" increments)
ZSPRG	Tong and T-grid hanger
WGZ46	46" wireguard, white, light gauge
WGZ5SMR46	46" wireguard, white, for symmetric reflector
WGZ5ASR46	46" wireguard, white, for asymmetric reflector
MSSACF	Adjustable aircraft cable system with power feed (specify length as 36, 72 or 108 inches)
MSSAC	Adjustable aircraft cable system (specify length as 36, 72 or 108 inches)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Asymmetric reflector only. Available in multiple lengths. Consult factory.
- ² Available only with 28T5 and 54T5HO.
- ³ Available only with CSA option.
- ⁴ Specify voltage.
- ⁵ Not available with CSA option.
- ⁶ Specular finish in reflector only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The industry's next generation in linear direct fluorescent products. This new compact, low-profile design offers our customers unique product features which improve the overall installation process and appearance while reducing labor cost, making it the most versatile solution for commercial retail, manufacturing, warehouse, and cove and display applications.

Features

- Compact designed channel and cover formed from code-gauge cold rolled steel
- Improved easy "snap n' lock" end plates allow for quick attachment

- Reflector options include solid or apertured designs in both symmetric and asymmetric configurations
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for surface or suspended mounting using appropriate mounting accessories
- "Three-point" row connector locks channel together for straighter and faster row mounting

Listings

UL Listed, cUL Listed or CSA Certified to Canadian Standards. Listed for 25°C ambient temperature.

Z**Low-Profile T8 Striplight****ORDERING INFORMATION**

Specifications subject to change.

Example: Z 1 32 Z8SMR48 MVOLT GEB10IS

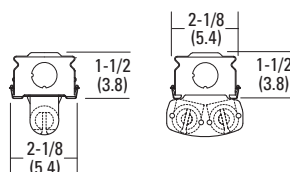
Series	Number of lamps	Lamp type	Reflector	Distribution	Voltage	Ballast
Z Low-profile strip	1	17 17W T8 (24")	(blank) No reflector	(blank) Solid	MVOLT	GEB10IS T8 electronic ballast, ≤10% THD, instant start
For tandem double-length unit, add prefix T. Ex: TZ	2	25 25W T8 (36")	Z8ASR48 48" asymmetric reflector	A8 Apertured 8% uplight	120	GEB10PS T8 electronic ballast, ≤10% THD, programmed rapid start
	Not included	32 32W T8 (48")	Z8SMR48 48" symmetric reflector	A5 Apertured 5% uplight	277	BINP T8 high-performance ballast, normal ballast factor (.88), instant start
				A4 Apertured 4% uplight ¹	347 ²	BIHP T8 high-performance ballast, high ballast factor (1.2), instant start
				A2 Apertured 2% uplight ¹		BILP T8 high-performance ballast, low ballast factor (.78), instant start
						S5 SIMPLY™ (0.95 BF) ³
						S5115 SIMPLY™ (1.15 BF) ³

Options	Finish
EL55 Emergency battery pack (nominal 390-700 lumens) ^{4,5}	(blank) White
EL65 Emergency battery pack (nominal 725-1325 lumens) ^{4,5}	MB Matte black
PLF Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A= black, B= red, C= blue, AB or AC)	GALV Galvanized
CSA Meets Canadian standards	SKGY Smoke gray
NOM Meets Mexican standards	SSR Specular ⁶

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ACCESSORIES
ORDER SEPARATELY**

SQ	Swivel-stem hanger (specify length in 2" increments)
ZSPRG	Tong and T-grid hanger
WGZ48	4' wireguard, white, light gauge
WGZ8SMR48	4' wireguard, white, for symmetric reflector
WGZ8ASR48	4' wireguard, white, for asymmetric reflector
MSSACF	Adjustable aircraft cable system with power feed (specify length as 36, 72 or 108 inches)
MSSAC	Adjustable aircraft cable system (specify length as 36, 72 or 108 inches)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Asymmetric reflector only.
- 2 Available only with CSA option.
- 3 Simply5 system includes 13" SSSC RELOC® wiring system.
- 4 Specify voltage.
- 5 Not available with CSA option.
- 6 Specular finish in reflector only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

SS
SST**Intended Use**

Ideal for retail areas, coves, corridors and lobbies.

Features

- Channel is offset at both ends to provide continuous illumination with shadows
- Accepts plug-in options for 1, 2 and 3 circuits (PLR option)

- Available in tandem-wired lengths

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast

Listings

UL Listed and labeled. Listed and labeled to comply with Canadian and Mexican Standards (see Options). Listed for 25°C ambient temperature.

ORDERING INFORMATION

Specifications subject to change.

Example: SS 2 32 MVOLT GEB10IS

Series	Number of lamps ³	Lamp type		Voltage		Ballast configuration	
SS Staggered ¹	1	14T5	14W T5 (22")	32	32W T8 (48")	MVOLT	(blank) 1- and/or 2-lamp ballast per Lithonia Lithonia standards
SST Telescoping ^{1,2}	2	17	17W T5 (24")	39T5HO	39W T5HO (34")	347 ⁴	1/4 One 4-lamp ballast
For tandem-wired double-length unit, add prefix T. Ex: TSS	Not included	21T5	21W T5 (34")	54T5HO	54W T5HO (46")		
		24T5HO	24W T5HO (22")	96T8	59W T8 (96")		
		25	25W T8 (36")	96T8HO	86W T8 380mA (96")		
		28T5	28W T5 (46")				
Ballast				Options			
GEB10IS	T8 electronic ballast, ≤10%THD, instant start			EL14	Emergency battery pack ^{5,6}		
GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start			EL55	Emergency battery pack (nominal 390-700 lumens) ^{5,6}		
GEB10PS90	T5HO electronic ballast, ≤10% THD, programmed rapid start			EL65	Emergency battery pack (nominal 725-1325 lumens) ^{5,6}		
BINP	T8 high-performance ballast, normal ballast factor (.88), instant start			PLR	Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)		
BIHP	T8 high-performance ballast, high ballast factor (1.2), instant start ⁴			TILW	Tandem in-line wiring		
				AL	Aluminum		
				CSA	Meets Canadian standards		
				NOM	Meets Mexican standards		

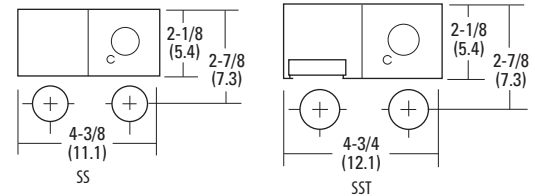
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH IN. (CM)	HEIGHT IN. (CM)	LENGTH IN. (CM)
SS / SS AL	1	1	14T5, 24T5HO	4-3/8 (11.1)	2-7/8 (7.3)	22 (56.7)
SS / SS AL	1	1	17	4-3/8 (11.1)	2-7/8 (7.3)	24 (61.0)
SS / SS AL	2	2	14T5, 24T5HO	4-3/8 (11.1)	2-7/8 (7.3)	22 (56.7)
SS / SS AL	2	2	17	4-3/8 (11.1)	2-7/8 (7.3)	28 (71.1)
SST	2	2	17	4-3/4 (12.1)	2-7/8 (7.3)	28 (71.1)
SS / SS AL	1	1	21T5, 39T5HO	4-3/8 (11.1)	2-7/8 (7.3)	34 (86.7)
SS / SS AL	1	1	25	4-3/8 (11.1)	2-7/8 (7.3)	36 (91.4)
SS / SS AL	2	2	21T5, 39T5HO	4-3/8 (11.1)	2-7/8 (7.3)	34 (86.7)
SS / SS AL	2	2	25	4-3/8 (11.1)	2-7/8 (7.3)	40 (101.6)
SST	2	2	25	4-3/4 (12.1)	2-7/8 (7.3)	40 (101.6)
SS / SS AL	1	1	28T5, 54T5HO	4-3/8 (11.1)	2-7/8 (7.3)	46 (116.7)
SS / SS AL	1	1	32	4-3/8 (11.1)	2-7/8 (7.3)	48 (121.9)
SS / SS AL	2	2	28T5, 54T5HO	4-3/8 (11.1)	2-7/8 (7.3)	46 (116.7)
SS / SS AL	2	2	32	4-3/8 (11.1)	2-7/8 (7.3)	52 (132.1)
SST	2	2	32	4-3/4 (12.1)	2-7/8 (7.3)	52 (132.1)
SS / SS AL	1	1	96T8, 96T8HO	4-3/8 (11.1)	2-7/8 (7.3)	96 (243.8)
SS / SS AL	2	2	96T8, 96T8HO	4-3/8 (11.1)	2-7/8 (7.3)	100 (254.0)
TSS / TSS AL	1	2	32	4-3/8 (11.1)	2-7/8 (7.3)	92 (233.7)
TSS / TSS AL	2	4	32	4-3/8 (11.1)	2-7/8 (7.3)	100 (254.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- For optional aluminum channel, add suffix AL to catalog number. Ex: SS 2 96 120 AL.
- Not available with T5 or T5HO lamp configurations.
- See Configurations table for availability.
- Available only with CSA options.
- Specify voltage.
- Not available with CSA option.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

SM

Intended Use

Low-profile body and side-mounted lamps allow fixture to fit in shallow spaces.

Features

- Housing formed from code-gauge cold-rolled steel
- Accepts plug-in options for 1, 2 or 3 primary circuits

- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Suitable for surface or suspended mounting with appropriate accessories

Listings

UL Listed (standard). Canada CSA or cUL (see Options). NOM Certified (see Options). Listed for 25°C ambient temperature.

**Example: SM 2 32 MVOLT GEB10IS**

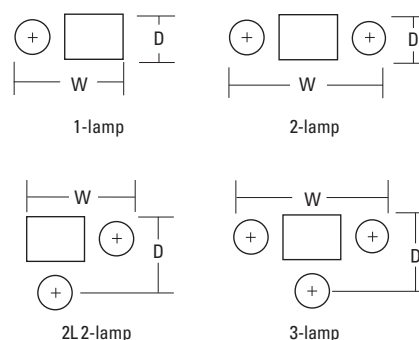
ORDERING INFORMATION		Specifications subject to change.								
Series	Number of lamps ¹	Lamp type		Voltage		Ballast configuration	Ballast		Options	
SM For tandem double-length unit, add prefix T. Example: TSM	1	14T5	14W T5 (22")	28T5	28W T5 (46")	MVOLT	(blank)	GEB10IS	T8 electronic ballast, instant start	EL14 Emergency battery pack ^{4,5}
	2	17	17W T8 (24")	32	32W T8 (48")	120	1- and/or 2-lamp ballast per Lithonia Lighting standards	GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start	EL55 Emergency battery pack (nominal 390-700 lumens) ^{4,5}
	2L	21T5	21W T5 (34")	39T5HO	39W T5HO (34")	277		GEB10PS90	T5HO electronic ballast, ≤10% THD, programmed rapid start	EL65 Emergency battery pack (nominal 725-1325 lumens) ^{4,5}
	3	24T5HO	24W T5HO (22")	54T5HO	54W T5HO (46")	347 ²		BILP	T8 high-performance ballast, low ballast factor (.78), instant start	PLR_ Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC)
	Not included	25	25W T8 (36")				1/3 One 3-lamp ballast	BINP	T8 high-performance ballast, normal ballast factor (.88), instant start	TILW Tandem in-line wiring
							1/4 One 4-lamp ballast	BIHP	T8 high-performance ballast, high ballast factor (1.2), instant start ³	CSA Meets Canadian standards
										NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH IN. (CM)	DEPTH IN. (CM)	LENGTH IN. (CM)
SM	1	1	14T5, 24T5HO	3-3/4 (9.6)	1-7/8 (4.8)	22 (56.9)
SM	2	2	14T5, 24T5HO	4-5/8 (11.7)	1-7/8 (4.8)	22 (56.9)
SM	2L	2	14T5, 24T5HO	3-3/4 (9.6)	2-3/8 (6.2) ⁶	22 (56.9)
SM	1	1	17	4-1/2 (11.4)	1-7/8 (4.8)	24 (61.0)
SM	2	2	17	6 (15.1)	1-7/8 (4.8)	24 (61.0)
SM	2L	2	17	4-1/2 (11.4)	3 (7.6) ⁶	24 (61.0)
SM	1	1	21T5, 39T5HO	3-3/4 (9.6)	1-7/8 (4.8)	34 (86.4)
SM	2	2	21T5, 39T5HO	4-5/8 (11.7)	1-7/8 (4.8)	34 (86.4)
SM	2L	2	21T5, 39T5HO	3-3/4 (9.6)	2-3/8 (6.2) ⁶	34 (86.4)
SM	1	1	25	4-1/2 (11.4)	1-7/8 (4.8)	36 (91.4)
SM	2	2	25	6 (15.1)	1-7/8 (4.8)	36 (91.4)
SM	2L	2	25	4-1/2 (11.4)	3 (7.6) ⁶	36 (91.4)
SM	3	3	25	6 (15.1)	3 (7.6) ⁶	36 (91.4)
SM	1	1	28T5, 54T5HO	3-3/4 (9.6)	1-7/8 (4.8)	46 (116.8)
SM	2	2	28T5, 54T5HO	4-5/8 (11.7)	1-7/8 (4.8)	46 (116.8)
SM	2L	2	28T5, 54T5HO	3-3/4 (9.6)	1-7/8 (4.8) ⁶	46 (116.8)
SM	1	1	32	4-1/2 (11.4)	1-7/8 (4.8)	48 (121.9)
SM	2	2	32	6 (15.1)	1-7/8 (4.8)	48 (121.9)
SM	2L	2	32	4-1/2 (11.4)	3 (7.6) ⁶	48 (121.9)
SM	3	3	32	6 (15.1)	3 (7.6) ⁶	48 (121.9)
TSM	1	2	28T5, 54T5HO	3-3/4 (9.6)	1-7/8 (4.8)	92 (233.7)
TSM	2	4	28T5, 54T5HO	4-5/8 (11.7)	1-7/8 (4.8)	92 (233.7)
TSM	2L	4	28T5, 54T5HO	3-3/4 (9.6)	1-7/8 (4.8) ⁶	92 (233.7)
TSM	1	2	32	4-1/2 (11.4)	1-7/8 (4.8)	96 (243.8)
TSM	2	4	32	6 (15.1)	1-7/8 (4.8)	96 (243.8)
TSM	2L	4	32	4-1/2 (11.4)	3 (7.6) ⁶	96 (243.8)
TSM	3	6	32	6 (15.1)	3 (7.6) ⁶	96 (243.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp compatibility.
- Available only with CSA option.
- Not available in 347V.
- Specify voltage.
- Not available with CSA option.
- Maximum depth to center of lamps.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Fluorescent

NARROW STRIPS



Intended Use

Ideal where high brightness and good illumination levels are required such as retail, light industrial and warehouses.

Features

- Fixture can be assembled with snap-together components and requires no tools
- Combination endplate/channel connector furnished with each fixture

- Suitable for surface or suspended mounting with appropriate accessories

Listings

UL Listed to U.S. and Canadian safety standards. Optional: NOM Certified. ENERGY STAR® qualified.



ORDERING INFORMATION

Specifications subject to change.

Catalog number	UPC	Description	Number of lamps	Length	Voltage	Ballast type	Lamp included	Pallet quantity
Z117 MV	745976682675	T8 low-profile strip	1	24"	17	Instant start	N	448
Z125 MV	745976682705	T8 low-profile strip	1	36"	25	Instant start	N	224
Z132 MV	745976682736	T8 low-profile strip	1	48"	32	Instant start	N	224
TZ132 MV	745976682767	Tandem, T8 low-profile strip	2	96"	32	Instant start	N	224
Z217 MV	745976682781	T8 low-profile strip	2	24"	17	Instant start	N	448
Z225 MV	745976682927	T8 low-profile strip	2	36"	25	Instant start	N	224
Z232 MV	745976682941	T8 low-profile strip	2	48"	32	Instant start	N	224
TZ232 MV	745976682989	Tandem, T8 low-profile strip	4	96"	32	Instant start	N	224

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Z1/Z2 Specifications

Length: 24 (61.0) 36 (91.4) 48 (122.0) 96 (243.9)
Width: 2-1/4 (5.7)
Depth: 1-1/4 (3.1)

PRODUCT INFORMATION

Fluorescent

GENERAL PURPOSE STRIPS



Intended Use

Ideal where high brightness and good illumination levels are required such as retail, light industrial and warehouses.

Features

- Fixture can be assembled with snap together components and requires no tools
- Combination endplate/channel connector furnished with each fixture

- Suitable for surface or suspended mounting with appropriate accessories

Listings

UL Listed to U.S. and Canadian safety standards. Optional: Mexico NOM. ENERGY STAR® qualified.



ORDERING INFORMATION

Specifications subject to change.

Catalog number	Description	Number of lamps	Length	Lamp type	Voltage	Ballast	ENERGY STAR® qualified	Lamp included
C217 MV	T8 general-purpose strip	2	24"	17	120-277	Instant start	N	N
C225 MV	T8 general-purpose strip	2	36"	25	120-277	Instant start	N	N
C232 MV	T8 general-purpose strip	2	48"	32	120-277	Instant start	N	N
C232	T8 general-purpose strip	2	48"	32	120	Electronic, instant start	Y	N
TC232 MV	Tandem, T8 general-purpose strip	4	96"	32	120-277	Instant start	N	N
TC232	Tandem, T8 general-purpose strip	4	96"	32	120	Electronic, instant start	Y	N

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

C Specifications
Length: 24 (61.0) 36 (91.4) 48 (122.0) 72 (182.9) 96 (243.9)
Width: 4-3/8 (11.1)
Depth: 2-1/8 (5.4)

PRODUCT INFORMATION

Fluorescent

HEAVY-DUTY STRIPS



Intended Use

Ideal where high brightness and good illumination levels are required such as retail, light industrial and warehouses.

Features

- Fixture can be assembled with snap-together components and requires no tools

- Combination endplate/channel connector furnished with each fixture
- Suitable for surface or suspended mounting with appropriate accessories

Listings

UL Listed to U.S. and Canadian safety standards. Optional: NOM Certified.



ORDERING INFORMATION

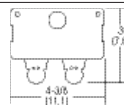
Specifications subject to change.

Catalog number	Description	Number of lamps	Length	Lamp type	Voltage	Ballast	Lamp included
UN248T8HO	T8HO heavy-duty strip	2	48"	44W	120	Electronic, rapid start	N
UN296T8HO	T8HO heavy-duty strip	2	96"	86W	120	Electronic, rapid start	N

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Recessed open (or lensed) row system provides linear illumination for retail and other applications. On CRRS models, lamps are visible from street to attract attention to retail operations.

Features

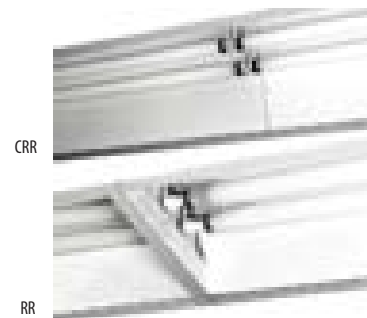
- 50% more light directed down than with conventional strips
- Provides uniform low brightness illumination
- Lay-in installation

- Completely assembled, unit packed
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast
- Labor-saving plug-together wiring options available

Listings

UL Listed and labeled. CSA Certified (see Options). NOM Certified (see Options).

RR CRR CRRS



CRR

RR

ORDERING INFORMATION

Specifications subject to change.

Example: CRR 2 96T8 MVOLT GEB10IS

Series ¹	Number of lamps ¹	Lamp type	Diffuser type	Voltage	Ballast configuration
RR Recessed row	1	14T5 14W T5(22")	(blank) Open channel	MVOLT	(blank) 1- and/or 2-lamp ballasts per Lithonia Lighting standards
CRR Continuous recessed row	2	17 17W T8 (24")	A12 #12 pattern acrylic diffuser (RR and CRR only)	347 ³	1/3 One 3-lamp ballast
CRRS Continuous recessed row, shallow	3	21T5 21W T5 (36")		120	1/4 One 4-lamp ballast
For tandem double-length unit, add prefix T. Ex: TCRR	Not included	24T5HO 24W T5HO (22")		277	
		25 25W T8 (36")			
		28T5 28W T5 (46")			
		32 32W T8 (48")			
		39T5HO 39W T5HO (34")			
		54T5HO 54W T5HO (46")			
		96T8 59W T8 slimline (96")			

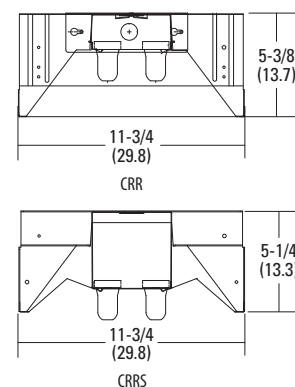
Ballast	Options
GEB10IS T8 electronic ballast, ≤10% THD, instant start	EL14 Emergency battery pack ^{3,4}
GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	EL55 Emergency battery pack ^{3,4}
GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start	PLR Plug-in wiring; specify 1, 2 or 3 branch circuits and hot wires (A=black; B=red; C=blue; AB or AC); PLF22 and PLF33 alternating circuits also available
BILP T8 high-performance ballast, low ballast factor (.79), instant start	
BINP T8 high-performance ballast, normal ballast factor (.88), instant start	
	SAR Specular aluminum reflector finish (86% reflective)
	TILW Tandem in-line wiring
	CSA Meets Canadian standards
	NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS							
NOMINAL LENGTH	SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH IN. (CM)	LENGTH IN. (CM)	HEIGHT IN. (CM)
2'	RR/CRR	1, 2, 3	1, 2, 3	14T5, 24T5HO	11-3/4 (29.8)	22 (55.9)	5-3/8 (13.7)
2'	RR/CRR	1, 2, 3	1, 2, 3	17	11-3/4 (29.8)	24 (61.0)	5-3/8 (13.7)
2'	CRRS	1, 2, 3	1, 2, 3	14T5, 24T5HO	11-3/4 (29.8)	22 (55.9)	5-1/4 (13.3)
2'	CRRS	1, 2, 3	1, 2, 3	17	11-3/4 (29.8)	24 (61.0)	5-1/4 (13.3)
3'	RR/CRR	1, 2, 3	1, 2, 3	21T5, 39T5HO	11-3/4 (29.8)	34 (86.4)	5-3/8 (13.7)
3'	RR/CRR	1, 2, 3	1, 2, 3	25	11-3/4 (29.8)	36 (91.4)	5-3/8 (13.7)
3'	CRRS	1, 2, 3	1, 2, 3	21T5, 39T5HO	11-3/4 (29.8)	34 (86.4)	5-1/4 (13.3)
3'	CRRS	1, 2, 3	1, 2, 3	25	11-3/4 (29.8)	36 (91.4)	5-1/4 (13.3)
4'	RR/CRR	1, 2, 3	1, 2, 3	28T5, 54T5HO	11-3/4 (29.8)	48 (121.9)	5-3/8 (13.7)
4'	RR/CRR	1, 2, 3	1, 2, 3	32	11-3/4 (29.8)	48 (121.9)	5-3/8 (13.7)
4'	CRRS	1, 2, 3	1, 2, 3	28T5, 54T5HO	11-3/4 (29.8)	48 (121.9)	5-1/4 (13.3)
4'	CRRS	1, 2, 3	1, 2, 3	32	11-3/4 (29.8)	48 (121.9)	5-1/4 (13.3)
8'	TRR/TCRR	1, 2, 3	2, 4, 6	28T5, 54T5HO	11-3/4 (29.8)	92 (233.7)	5-3/8 (13.7)
8'	TRR/TCRR	1, 2, 3	2, 4, 6	32	11-3/4 (29.8)	96 (243.8)	5-3/8 (13.7)
8'	RR/CRR	1, 2, 3	1, 2, 3	96T8	11-3/4 (29.8)	96 (243.8)	5-3/8 (13.7)
8'	TCRRS	1, 2, 3	2, 4, 6	28T5, 54T5HO	11-3/4 (29.8)	92 (233.7)	5-1/4 (13.3)
8'	TCRRS	1, 2, 3	2, 4, 6	32	11-3/4 (29.8)	96 (243.8)	5-1/4 (13.3)
8'	CRRS	1, 2, 3	1, 2, 3	96T8	11-3/4 (29.8)	96 (243.8)	5-1/4 (13.3)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for lamp compatibility.
- 2 Available only with CSA option.
- 3 Specify voltage.
- 4 Not available with CSA option.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TX PA22C TX PA25D

Acrylume®



TX PA22C

TX PA25D

Intended Use

For controlled environments that require a balance between high vertical and horizontal illumination. Ideal for retail areas, light manufacturing areas and aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Injection-molded, virgin acrylic reflector and drop (PA25D) or conical (PA22C) lens
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer

- MH: Super CWA pulse-start ballasts, 88% efficient and EISA legislation compliant, are required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed -30°C to 40°C ambient operations and damp locations. Wet location available. Listed and labeled to comply with Canadian Standards (see Options). NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

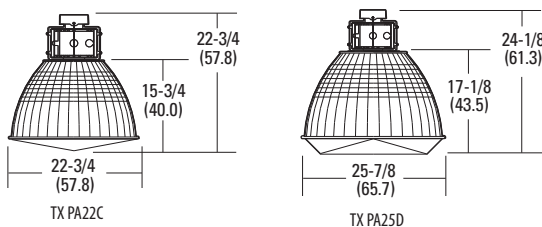
Example: TX 400MP PA22C TB SCWA

Series	Lamp type		Reflector	Voltage	Ballast		Options	
TX	Protected metal halide	High pressure sodium	PA22C	TB ²	Pulse-start metal halide		Non-EISA ballasts	For options and accessories, see pages 575-593.
	175MP	250S	PA25D	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA		(blank) Standard magnetic ballast ⁶	
	200MP ¹	400S		208 ^{3,4}	SCWA	Super constant wattage autotransformer	CWI Constant wattage isolated ⁶	
	250MP			240 ^{3,4,5}	RLB	Regulated lag ballast	MRB Magnetic regulator ballast	
	320MP ¹			277			SCWI Isolated SCWA ^{6,7}	
	350MP			347				
	400MP			480 ^{3,4}				
	450MP							

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



TX PA22C

TX PA25D

Notes

- These wattages comply with California Title 20.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Requires CWI option in Canada for metal halide, available for 175-450W only. Not available for 250W in 480V.
- Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 220V and 240V, 50Hz and 60Hz ballast available for use with U.S. protected metal halide and high pressure sodium lamps.
- For shipments outside of the U.S. only.
- 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TX PA22GLE
TX PA25ALE



TX PA22GLE

TX PA25ALE

Intended Use

For controlled environments that require vertical and high horizontal illumination. Ideal for retail areas, light manufacturing areas and aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Injection-molded, virgin acrylic reflector with tempered glass for 22" reflector and flat clear acrylic for 25" reflector
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer

- MH: Super CWA pulse-start ballasts, 88% efficient and EISA legislation compliant, are required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed -30°C to 40°C ambient operations and damp locations. Wet location available. Listed and labeled to comply with Canadian Standards. NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

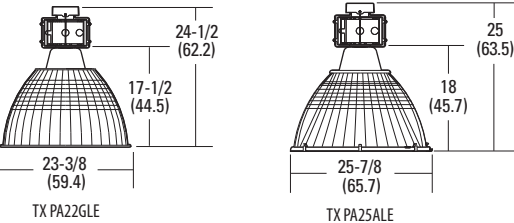
Example: TX 400MP PA22GLE TB SCWA

Series	Lamp type	Reflector	Voltage	Ballast	Options
TX	Protected metal halide	High pressure sodium	PA22GLE	TB ²	Pulse start metal halide
	175MP	250S	PA25ALE	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA
	200MP ¹	400S		208 ^{3,4}	SCWA Super constant wattage autotransformer
	250MP			240 ^{3,4,5}	RLB Regulated lag ballast
	320MP ¹			277	Non-EISA ballast
	350MP			347	(blank) Standard magnetic ballast ⁶
	400MP			480 ^{3,4}	CWI Constant wattage isolated ⁶
					MRB Magnetic regulator ballast
					SCWI Isolated SCWA ^{6,7}

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 These wattages are California Title 20 compliant.
- 2 Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- 3 Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- 4 Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 5 220V and 240V 50Hz and 60Hz ballasts available for use with U.S., protected metal halide and high pressure sodium lamps.
- 6 Available for shipments outside of the U.S. only.
- 7 400W metal halide only.

TX A121 TX A125 TX A162 TX A165

Hi-Tek®



Intended Use

For areas that require high vertical illumination and wide spacing. Ideal for aisles, service areas and parking garages.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Optics (A121, A125): Anodized aluminum 12" reflector with one-piece injection-molded acrylic or polycarbonate refractor and bottom enclosure
- Optics (A162, A165): 16" high efficiency, optical quality white polyester powder finish with one-piece injection-molded acrylic or polycarbonate refractor and bottom enclosure
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer

- MH: Super CWA pulse-start ballasts, 88% efficient and EISA legislation compliant, are required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting mounting accessories

Listings

UL Listed -30°C to 40°C ambient operations and damp locations. 55°C available. Listed and labeled to comply with Canadian Standards. NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: TX 250MP A125 TB SCWA

Series	Lamp type ¹	Reflector	Voltage	Ballast ⁶	Options
TX	Protected metal halide	High pressure sodium	A165	TB ⁴	Pulse start metal halide
	150MP	200S ³	A162	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA
	200MP ²	250S ³	A1650B	208 ^{5,6}	SCWA Super constant wattage autotransformer
	250MP	400S ³	A1620B	240 ^{5,6,7}	RLB Regulated lag ballast
	320MP ^{2,3}		A125	277	Non-EISA ballast ⁸
	350MP ³		A121	347	(blank) Standard magnetic ballast
	400MP ³		A1250B	480 ^{5,6}	SCWI Isolated SCWA ⁹
			A1210B	CWI	Constant wattage isolated

For options and accessories, see pages 575-593.

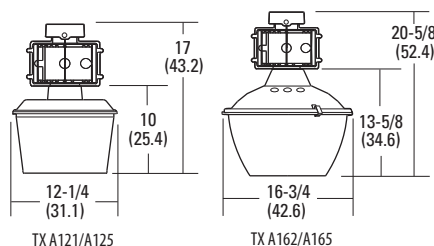
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

REFLECTOR	LAMP TYPE
A162, A165	150MP, 200MP, 200S, 250MP, 250S
A1650B, A1650B	320MP, 350MP, 400MP, 400S
A125, A121, A1250B, A1210B	200S, 250S, 400S

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- See Configurations table for lamp compatibility.
- These wattages are California Title 20 compliant.
- Open bottom only.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Requires CWI or RLB option in Canada for metal halide. Available in 175-400W.
- Requires CWI or MRB option in Canada for high pressure sodium. Available in 70-400W.
- 220V and 240V 50Hz and 60Hz ballasts are available for use with U.S. protected metal halide and sodium lamps.
- Available for shipments outside of the U.S. only.
- 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

For areas that require vertical illumination and glare control at low mounting heights. Ideal for open areas, retail spaces and aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Injection-molded, virgin acrylic lens and highly reflective, white polyester powder painted reflector
- Continuously gasketed refractor and reflector inhibits entrance of outside contaminants
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer

- MH: Super CWA pulse-start ballasts, 88% efficient and EISA legislation compliant, are required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed -30°C to 40°C ambient operations and damp locations. 55°C available. UL wet location available. Listed and labeled to comply with Canadian Standards (see Options). NOM Certified (see Options).

TX A23 TXD A23

Hi-Tek®

**ORDERING INFORMATION**

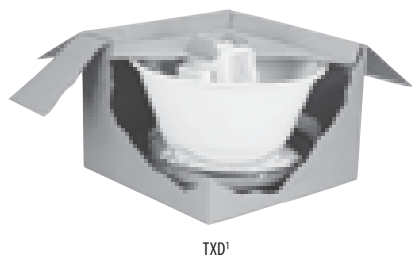
Specifications subject to change.

Example: TX 400MP A23 TB SCWA

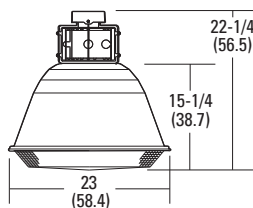
Series	Lamp type		Reflector	Voltage
TX	<u>Protected metal halide</u>	<u>High pressure sodium</u>	A23	TB ³
TXD ¹	175MP	250S		120
	200MP	400S		208 ^{4,5}
	250MP ²			240 ^{4,5,6}
	320MP			277
	350MP			347
	400MP ²			480 ^{4,5}
	450MP			
Ballast			Options	
<u>Pulse start metal halide</u>			For options and accessories, see pages 575-593.	
For shipments to U.S. territories, SCWA must be specified to comply with EISA				
SCWA	Super constant wattage autotransformer (standard)			
RLB	Regulated lag ballast			
<u>Non-EISA ballast</u>				
(blank)	Standard magnetic ballast ⁷			
CWI	Constant wattage isolated ⁷			
MRB	Magnetic regulator ballast			
SCWI	Isolated SCWA ^{7,8}			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- TXD consists of TX housing and A23 optical assembly shipped in one carton. Available with tapped ballast only. Available only in 250MP and 400MP, SCWA ballast only.
- These wattages are California Title 20 compliant.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- Requires CSI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 220V and 240V, 50Hz and 60Hz ballasts available for use with U.S. protected metal halide lamps.
- Available for shipments outside of the U.S. only.
- 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TX A20 TX A26 TX A30

Hi-Tek®



Intended Use

For areas that require vertical illumination and glare control at low mounting heights. Ideal for open areas, retail spaces and aisles.

Features

- Housing utilizes heavy-duty, die-cast aluminum halves
- Optics: Injection-molded virgin acrylic lens, fully fluted anodized aluminum reflector
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer; MH: Super CWA pulse-start ballasts, 88% efficient and EISA legislation

compliant, are required for 350-400W (must order SCWA option) for U.S. shipments only

- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only
- Suitable for suspension mounting with 3/4" rigid conduit or optional mounting accessories

Listings

UL Listed to U.S. and Canadian safety standards. NOM Certified (see Options). UL Listed for damp locations. -30°C to 40°C ambient operation. UL wet location available (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: TX 400MP A26 TB SCWA

Series	Lamp type ¹	Reflector	Voltage	Ballast	Options
TX	Protected metal halide	High pressure sodium	A20	Pulse start metal halide	For options and accessories, see pages 575-593.
	100MP	50S	A26	For shipments to U.S. territories, SCWA must be specified to comply with EISA	
	150MP	70S	A30	SCWA Super constant wattage autotransformer	
	175MP	100S		RLB Regulated lag ballast	
	200MP ²	150S		Non-EISA ballast	
	250MP	200S		(blank) Standard magnetic ballast ⁷	
	320MP ²			CWI Constant wattage isolated ⁷	
	350MP			MRB Magnetic regulator ballast	
	400MP			SCWI Isolated SCWA ^{7,8}	

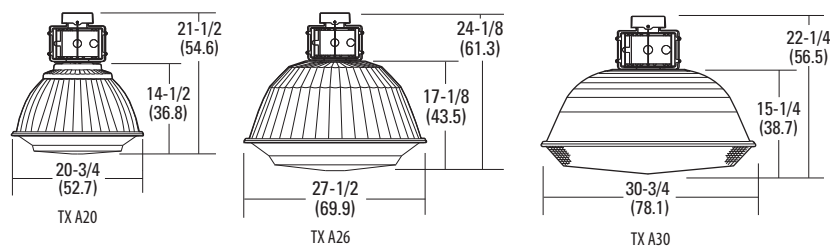
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

REFLECTOR	LAMP TYPE
A20	100MP, 150MP, 175MP, 200MP, 250MP, 50S, 70S, 100S, 150S, 200S
A26	250MP, 320MP, 350MP, 400MP
A30	175MP, 200MP, 250MP, 320MP, 350MP, 400MP

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for availability.
- 2 These wattages are California Title 20 compliant.
- 3 Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- 4 Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- 5 Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 6 220V and 240V 50Hz and 60Hz ballasts available for use with U.S., protected metal halide and high pressure sodium lamps.
- 7 Available for shipments outside of the U.S. only.
- 8 400W metal halide only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

For areas that require optimum vertical illumination with glare control at low mounting heights. Ideal for parking garages, greenhouses, garden centers and low-profile industrial aisles.

Features

- Rugged, heavy, die-cast aluminum housing
- One-piece, injection-molded, 100% virgin acrylic refractor
- TGL: Type V (A165) or Type II (A162) distribution
- TGR: Type V (A125) or Type I (A121) distribution
- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer

- MH: Super CWA pulse-start ballasts, 88% efficient and EISA legislation compliant, are required for 350-400W (must order SCWA option) for U.S. shipments only
- CSA, NOM or INTL required for probe-start shipments (must order SCWA option) for U.S. shipments only.

Listings

UL Listed to U.S. and Canadian safety standards. NOM Certified (see Options). UL Listed for damp locations. -30°C to 40°C ambient operation. UL wet location available (see Options).

TGL TGR

**ORDERING INFORMATION**

Specifications subject to change.

Example: TGL 200MP A165 TB SCWA

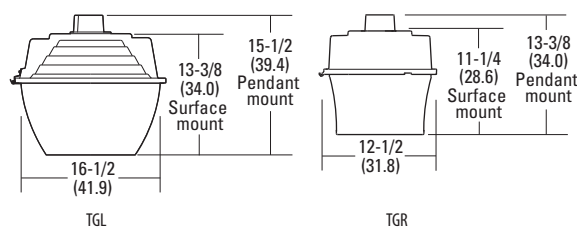
Series	Lamp type ¹		Reflector	Voltage	Ballast	Options
TGL	Protected metal halide	High pressure sodium	A165	TB ²	Pulse start metal halide	For options and accessories, see pages 575-593.
TGR	100MP	70S	A162	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA	
	150MP	100S	A125	208 ^{3,4}	SCWA Super constant wattage autotransformer	
	175MP	150S	A121	240 ^{3,4,5}	RLB Regulated lag ballast	
	200MP			277	Non-EISA ballast	
				347	(blank) Standard magnetic ballast ⁶	
				480 ^{3,4}	CWA Constant wattage ⁶	
					CWI Constant wattage isolated ⁶	
					MRB Magnetic regular ballast	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS			
SERIES	REFLECTOR		LAMP TYPE
	TYPE V	TYPE II	
TGL	A165	A162	100MP, 150MP, 200MP, 70S, 100S, 150S, 55IL, 85IL
TGR	A125	A121	100MP, 70S, 100S, 150S

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for lamp compatibility.
- 2 Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- 3 Requires CWI or RLB option in Canada for metal halide. Available for 175-250W only.
- 4 Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-150W only.
- 5 220V and 240V, 50Hz and 60Hz ballasts available for use with U.S. protected metal halide lamps.
- 6 Available for shipments outside of U.S. only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

REV

**Intended Use**

Use in hard-ceiling and T-bar applications with low mounting heights that require optimum horizontal illumination with brightness control. Ideal for office, retail and commercial areas.

Features

- 20-gauge steel housing with white polyester powder paint
- Specular aluminum reflector provides up to 20% more light than a conventional flat-lensed fixture
- Door assemblies available with choice of tempered glass, acrylic with tempered glass overlay, or polycarbonate with tempered glass overlay
- 2x2 lay-in housing design with power door, containing all electrical components

- All ballasts are 100% factory-tested
- HPS: Constant wattage autotransformer
- MH: Super CWA pulse-start ballasts, 88% efficient (must order SCWA option) for U.S. shipments only
- EISA legislation compliant, are required for 350-400W
- CSA, NOM or INTL required for probe-start shipments

Listings

UL Listed to U.S. and Canadian safety standards. For use in damp locations up to 25°C ambient temperatures.

ORDERING INFORMATION

Specifications subject to change.

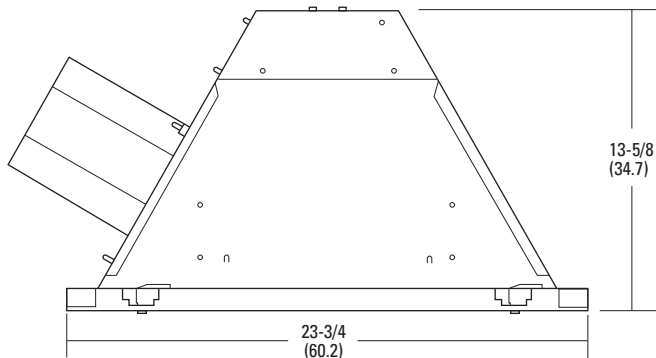
Example: REVG 175M RW T73/PCL 120 SCWA SF QRS

Series	Wattage	Door frame	Shielding	Voltage	Ballast	Options
REVG Grid T-bar mounting	<u>Metal halide</u>	FWS Flush white steel	T73 Tempered prismatic glass	120	For shipments to U.S. territories, SCWA must be specified to comply with EISA	SF Single fuse (120, 277, 347V) ⁶
REVF Flange mounting ¹	70M	RW Regressed white aluminum	A82/GL #8227 acrylic lens with tempered glass overlay	208	(blank) Magnetic ballast ⁵	DF Double fuse (208, 240V) ⁶
	100M			240	SCWA Super CWA pulse-start ballast	QRS Quartz restrike system ^{6,7}
	175M			277		EC Emergency circuit ^{6,7}
	250M		T73/PCL Polycarbonate lens with tempered glass overlay ⁴	347		
	320M ^{2,3}					
	350M ²					
	400M					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes:**

- 1 24-1/4" square opening required.
- 2 Requires SCWA.
- 3 These wattages comply with California Title 20.
- 4 Not available with RW door frame.
- 5 Available for shipments outside the U.S. only.
- 6 Option is not field-installable; must be factory-installed.
- 7 DC bayonet base, quartz lamp not included.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Advanced plug-in system with three-circuit capability. Available on industrial and strip products and a variety of architectural products mounted in continuous rows. 1, 2, 3 and 4-lamp fixtures. PLR22 (2-circuit) and PLR33 (3-circuit) crossover harness

switches hot circuit serving next fixture in row. Reduces fixture types on job for alternating circuit applications (see example below).

Easy one-step installation, saves up to 35% on labor costs. Expanded switching flexibility helps save energy.

Rows can be 50% longer with two-circuit systems. Polarized, lock-together nylon connectors prevent miswiring in the field. #12 THHN conductor, rated 600V, 90°C. White neutral wire included. Grounding accomplished by fixture in-row connectors.

CSA Certified systems available with up to two circuits. G ground required.

PLR

Advanced 3-Circuit Plug-In



Example: UND 2 96HO 120 ES PLR3C

ORDERING INFORMATION

Specifications subject to change.

Series/ Number of hot wires/ Branch circuits/ Ground

Series	Number of hot wires		Branch circuits		Ground	
PLR	(blank)	Not required for 22 or 33	<u>Circuits to which ballast is connected</u>	B	Red wire	(blank) No ground in PLR
PLR22	1	Black	(blank) Not required for 22 or 33	C	Blue wire ¹	G Ground; maximum of two circuits
PLR33	2	Black and red	A	Black wire	AB	Outboard lamps to black, inboard to red
	3	Black, red and blue ¹			AC	Outboard lamps to black, inboard to blue

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Typical Applications

- Multiple-circuit and single-circuit for longer continuous rows
- Multiple-circuit with alternating fixtures on separate circuits, 2-circuit (PLR22) and 3-circuit (PLR33)
- Multiple circuit with night-lights located along row as desired

TYPICAL APPLICATIONS									
PLR 3 C	PLR 3 C	PLR 3 C	PLR 3 C	PLR 2 B	PLR 2 B	PLR 2 B	PLR 2 B	PLR 1	PLR 1
(All PLR22)									
Circuit A	Circuit B	Circuit A	Circuit B	Circuit A	Circuit B	Circuit A	Circuit B	Circuit A	Circuit B
(All PLR33)									
Circuit A	Circuit B	Circuit C	Circuit A	Circuit B	Circuit C	Circuit A	Circuit B	Circuit C	Circuit A
PLR 3 A	PLR 3 A	PLR 3 A	PLR 3 C	PLR 3 B	PLR 3 B	PLR 3 B	PLR 3 C	PLR 3 A	PLR 3 A

Notes

- 1 Ground not available.

MISCELLANEOUS

PW – Prewiring Option

Complete range of prewired whips for every installation requirement.

- Factory-installed flexible cable, wired into fixture through access plate
- 3/8" cable with snap-in connectors standard; 1/2" cable optional
- Choice of wire gauge
- Up to five wires, including one neutral (white) and one ground (green) – permits multi-level switching
- Ready to connect to J-box



PW1236	6' prewire, 1/2" dia., 12-gauge, 1 circuit
PW1246	6' prewire, 1/2" dia., 12-gauge, 2 circuit
PW1256	6' prewire, 1/2" dia., 12-gauge, 3 circuit
PW1836	6' prewire, 1/2" dia., 18-gauge, 1 circuit
PW1846	6' prewire, 1/2" dia., 18-gauge, 2 circuit
PW1856	6' prewire, 1/2" dia., 18-gauge, 3 circuit
PWS1236	6' prewire, 3/8" dia., 12-gauge, 1 circuit
PWS1246	6' prewire, 3/8" dia., 12-gauge, 2 circuit
PWS1256	6' prewire, 3/8" dia., 12-gauge, 3 circuit
PWS1836	6' prewire, 3/8" dia., 18-gauge, 1 circuit
PWS1846	6' prewire, 3/8" dia., 18-gauge, 2 circuit
PWS1856	6' prewire, 3/8" dia., 18-gauge, 3 circuit

Lamps Furnished and Installed

LP730	70+ CRI, 3000K
LP735	70+ CRI, 3500K
LP741	70+ CRI, 4100K
LP830	80+ CRI, 3000K
LP835	80+ CRI, 3500K
LP841	80+ CRI, 4100K
L830HT8	85 CRI, 3000K, long life, 3100 lumens
L835HT8	85 CRI, 3500K, long life, 3100 lumens
L841HT8	85 CRI, 4100K, long life, 3100 lumens
LPM830P	80+ CRI, 3000K, premier lamp
LPM835P	80+ CRI, 3500K, premier lamp
LPM841P	80+ CRI, 4100K, premier lamp
L830XP	80+ CRI, 3000K, premier XP
L835XP	80+ CRI, 3500K, premier XP
L841XP	80+ CRI, 4100K, premier XP

Radio Interference Filters

- RIF** Inductive capacitor circuit designed to minimize interference from feedback into line. 120V or 277V, 50Hz or 60Hz. Order either one per fixture (RIF1) or one per ballast (RIF2).
- EIS** Inductive capacitor circuit designed to minimize interference from feedback into line. Meets MIL-STD 461A/462/463. Order either one per fixture (EIS1) or one per ballast (EIS2).

Construction for Fire-Rated Ceilings

- FR** Lithonia Lighting fluorescent troffers are UL Listed and are compatible with UL fire-rated ceiling assemblies. Upon request for the FR option, the FR label is applied to the back of the housing. Label states: This troffer is specially designed to be installed in fire-rated or insulated ceilings. Note: Not applicable for CSA or NOM listings. Some dimming and some compact lamp troffers may require electronic ballasts.

T-Bar Safety Clips

- LATC** Hold-down clips to secure troffer to T-bar. Field installed. Attach by screwing to fixture end plates. Four furnished per fixture. Note: Safety clips may be used on fixtures with integral T-bar clips if additional means of attachment are required.

Snap-on Clips (RR, CRR)

- HTC** Hold-down clips to secure troffer to T-bar. Four furnished per fixture.



Fusing

One per ballast furnished. Fusing not recommended for use with 277V magnetic dimming ballasts.

Internal Fusing

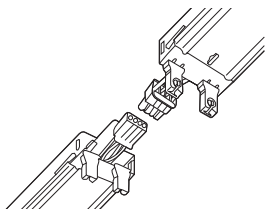
- BKTK** Internal fast-blow fuse, for use in 347V fixtures
- GLR** Internal fast-blow fuse
- GMF** Internal slow-blow fuse

External Fusing

- (Strips and open industrials only)
- GLRX** External fast-blow fuse.
- GMFX** External slow-blow fuse.



Tandem Quick-Connect Plug-In



Fully prewired secondary wiring for continuous row, strip and industrial applications. Simply install two channel sections and connect plugs.

One worker can install – more efficient than a two-worker installation of one 16-foot length. Lock-together nylon plugs are polarized to prevent miswiring.

Available on all tandem-wired (T) strip, industrial fixtures and a variety of architectural row-mounted products.

TWP and TILWP available. Consult factory.

Ballast Options

GEB10IS	Electronic ballast, instant start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice, T8 and CF40.
GEB10PS	Electronic ballast, program start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice, T5 and T8HO.
GEB10RS	Electronic ballast, rapid start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice, T8, CF40 and TT5.
BINP	High-efficiency T8 electronic ballast, instant start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice.
BPNP	High-efficiency T8 electronic ballast, program start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice.
BSNP	High-efficiency T8 electronic ballast, step-dimming (100-50%) program start, $\leq 10\%$ THD, MVOLT (120-277V) standard. Factory choice.
GEB9S	High-efficiency T5 electronic ballast, program start, $\leq 10\%$ THD, MVOLT (120-277V) standard, 0.95 ballast factor. Factory choice for T5 and T5HO. Also available in 0.80, 0.90 and 1.15 ballast factors. Available in select fixture models.
GEB9SS	High-efficiency T5 electronic ballast, step-dimming (100-50%), program start, $\leq 10\%$ THD, MVOLT (120-277V) standard, 0.95 ballast factor. Factory choice for T5 and T5HO. Also available in 0.80, 0.90 and 1.15 ballast factors. Available in select fixture models.
Dimming	Several options available including low voltage, line voltage and addressable dimming systems.

Generic nomenclature above represents normal (0.87 or 0.88) ballast factor, except when noted otherwise. Other choices available. Ballast manufacturer may be specified. Consult factory for nomenclature. Additional ballast information available on www.lithonia.com.

Emergency Battery Packs

Factory-installed Lithonia Lighting Emergency Systems battery pack available for most fluorescent fixtures. See page 1058 for lamp and ballast compatibility. Addition of an emergency option may increase fixture depth. Consult factory.

Emergency Battery Packs (cont.)

UL Listed	CSA Certified	
EL	B100C	Fixture equipped for one-lamp emergency operation of 4' lamps. (PS300QD installed)
EL5	B90C	Fixture equipped for one-lamp emergency operation of 4' lamps. (PS500QD installed)
EL6	B70C	Fixture equipped for one-lamp or two-lamp emergency operation of 4' lamps and one-lamp emergency operation of 8' lamps. (PS600QD installed)
EL14	B50C	Fixture equipped for one-lamp or two-lamp emergency operation of 4' lamps and one-lamp operation of 8' lamps. (PS1400QD installed)
EM	CEM	Inverter-only option. Fixture labeled for emergency use, no integral ballast.

Add suffix DW to catalog number to specify damp/wet listing. UL Listed only. Example: EL6DW

Cordsets

Grounded, three-wire cordsets (black) are 6' long, 18-gauge, with SJT insulation. Prewired to fixture. Others available; consult sales representative. Add "W" to nomenclature for white cord.

Example: CS11W

CS1	120V, U-ground plug (NEMA 5-15P)
CS3	120V, twist-lock plug (NEMA L5-15P)
CS7	277V, U-ground plug (NEMA 7-15P)
CS11	277V, twist-lock plug (NEMA L7-15P)
CS24	347V, twist-lock plug (NEMA L24-20P)



MISCELLANEOUS

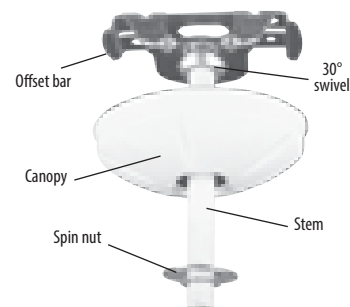
Ceiling Spacer (order separately)

1B	Hanger spaces fixtures 1-1/2" to 2-1/2" from ceiling. For unit mounting, order two per fixture; for row mounting, order one per fixture plus one per row. Standard pack: 2, 20, 100.
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Swivel-Stem Hangers (order separately)

SQ	Complete assembly with stem up to 48" (consult factory for longer lengths). Specify stem length in 2" increments and adjust as needed. 5/8" O.D. stem. Swivels 30° from vertical in any direction. Example: SQ24
HDSQ	Complete heavy-duty assembly. Specify length in 2" increments and adjust as needed, swivels 45° from vertical. Example: HDSQ36
ST	Pipe stem only. Specify length up to 60". Example: ST18
Q	Canopy, offset bar and parts only.
ST_TBE	Pipe stem only, threaded both ends. Coupler included. Specify length from 6" to 60". Example: ST48TBE



Double-Stem Hangers (order separately)

DSH24	Complete assembly with double canopy and two 24" stems on 10" centers. For most 4' fixtures. Other stem lengths available.
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STRIPS & INDUSTRIALS

Electrical, Hanging & Misc. Options

ELECTRICAL, HANGING & MISCELLANEOUS OPTIONS FOR STRIPS & INDUSTRIALS¹

Order hanging devices and wireguard accessories as separate catalog numbers. Order options by adding suffix to catalog number, unless otherwise noted.

	NOMENCLATURE	DESCRIPTION	SM	SS/SST	AF/AFP	EJS/EJD	L/LA	RR/CRR/CRRS	Z STRIP	C	UNS/UND
ELECTRICAL	PLR_G/PLF_G	Plug-in	■	■	■	■	■	■	■	■	■
	TWP	Tandem quick-connect	■	■	■	■	■	■	■	■	■
	EL/EL14/EL55/EL65	Emergency lighting ⁴	□	□	■	■	■	■	■	■	■
	GLR/GMF	Fusing	■	■	■	■	■	■	■	■	■
	RIF	Radio interference filter	■	■	■	■	■	■	■	■	■
	CS1	Cordset, 120V (U-ground plug)	■	■	■	■	■	■	■	■	■
	CS3	Cordset, 120V (twist-lock grounded plug)	■	■	■	■	■	■	■	■	■
	CS7	Cordset, 277V (U-ground plug)	■	■	■	■	■	■	■	■	■
	CS11	Cordset, 277V (twist-lock grounded plug)	■	■	■	■	■	■	■	■	■
HANGING DEVICES ²	THUN	Tong (slide clamp) hanger			■	□					□
	TH2UN	Hooker hanger				□					□
	THC	Hooker hanger		□			■			■	
	HR_	Hooker hanger			■	□	□			□	□
	ZSPRG	Z-spring hanger									
	SQ_	Swivel-stem hanger	□	□	■	■	■			■	■
	DSH24	Double-stem hanger		□	□	□	□			□	□
	1B	Ceiling spacer	□	□	■	□	□		■	■	■
	HC36	Chain hanger		□	■	□	■		■	■	■
MISCELLANEOUS	PAF	Post paint 92% reflectivity	■	■	■	■	■	■	■	■	■
	WG_	Wireguards	■	■	■	■	■		■	■	■
	AL	Aluminum housing		■					■	■	

■ = Available on all models.

□ = Available on most models; consult factory for exceptions.

Wireguards

WIREGUARDS¹

	NOMENCLATURE	TYPE	STANDARD DUTY	HEAVY DUTY	SUPER DUTY
Z STRIP SERIES	WGZ48	Standard			
	WGZ46	Standard		■	
	WGZ8SMR48	6" wide symmetric - 48" long		■	
	WGZ5SMR46	6" wide symmetric - 46" long		■	
	WGZ8ASR48	Asymmetric		■	
	WGZ5ASR46	Asymmetric		■	
C STRIP SERIES	WGCUN NST	Standard	■		
	WGCSMR	Symmetric	■		
	WGCASR	Asymmetric	■		
UND/UNS HEAVY-DUTY STRIP SERIES	WGCUN NST	Standard	■		
WIDE HEAVY-DUTY STRIP SERIES	WG2UN	Standard	■		
L LOW BAY INDUSTRIALS	WGL	12" wide symmetric - 48" long	■		
	WGL11	12" wide symmetric - 48" long			■
AF/PV LOW BAY INDUSTRIALS	WGAFPV	14" wide symmetric - 48" long	■		
	WGAFPV11	14" wide symmetric - 48" long			■
SL LOW BAY INDUSTRIALS	WGSL	14" wide symmetric - 48" long	■		

■ = Available

Notes

¹ Order options by adding suffix to catalog number, unless otherwise specified.

² Order hanging devices as separate catalog numbers.

³ Available on most 4' fixtures. Consult factory.

⁴ Consult www.lithonia.com for additional emergency lighting options.

Chain Hangers (order separately)

HC Wire hook and 36" chain set, option or accessory. One pair per fixture furnished. Not compatible with fixtures over 5" wide.
Ex: UN 2 32 MVOLT HC or HC36 (accessory)



Z-Strip Spring Hangers

ZSPRG Tong and T-grid hanger



Hooker® Hangers (order separately)

Patented, no-tools system for easy mounting to grid tee ceilings. For use with inverted tee exposed grid ceilings, nominal 1" wide.

- Hooks anywhere on grid – main tee, cross tee or intersection.
- Die-formed from heavy-gauge steel.
- Fixture can be mounted parallel or perpendicular to grid, flush to ceiling or 1-1/2" below tee.

Two required per fixture. Consult factory for job packs.

CONFIGURATIONS		
NOMENCLATURE	TYPE OF MOUNTING	FOR USE WITH
HRC	Flush to ceiling	CB, L, C and ALC fixtures with 4-3/16" wide and 2-1/16" deep channels
HRC1	Spaced 1-1/2" from ceiling	
HRUN	Flush to ceiling	PV and AF fixtures with 5" channels
HRUN1	Spaced 1-1/2" from ceiling	
HRUNS1	Spaced 1-1/2" from ceiling	UN, S, EJS

Hooker® Hanger, Pat. No. 3,589,660



Tong Hangers (order separately)

Order by channel width. For unit or row mounting, order two per fixture. All tong (slide clamp) hangers are suitable for use with 3/8" or smaller mounting rods. Rods smaller than 3/8" diameter require use of appropriate washers (supplied by others). Consult factory for job packs.

THUN Hanger for 5" channel
TH2UN Hanger for 9" channel
THC Hanger for 4-3/16" channel
THK Hanger for 4-9/16" channel
THSR Hanger for 5" channel (uses carriage bolt mounting rod)



REFLECTORS

REPLACEMENT EMBOSSED INDUSTRIAL REFLECTORS							
	NOMENCLATURE	DESCRIPTION	FINISH		MATERIAL		
			WHITE	SPECULAR	ALUMINUM	PORCELAIN	20-GAUGE
L INDUSTRIAL SERIES	LAR24	24" embossed industrial reflector with 10% uplight	■	■			
	LAR48	48" embossed industrial reflector with 10% uplight	■	■			■
	LR24	24" embossed industrial reflector with 20% uplight	■	■			
	LR48	48" embossed industrial reflector with 20% uplight	■	■			
AF INDUSTRIAL SERIES	AF10R48	48" embossed industrial reflector with 10% uplight	■	■		■	■
	AFR48	48" embossed industrial reflector with 20% uplight	■	■		■	■
	AFSTR48	48" embossed industrial reflector with solid top	■	■		■	

■ = Available

Notes
1 Order wireguards as separate catalog numbers.
2 Additional replacement configuration available; consult factory.

PRODUCT INFORMATION

REFLECTORS

REFLECTORS						
	NOMENCLATURE	DESCRIPTION	FINISH		MATERIAL	
			WHITE	SPECULAR	ALUMINUM	20-GAUGE
ASYMMETRIC REFLECTORS FOR T8 LOW-PROFILE Z STRIPLIGHT SERIES	Z8ASR48	48" asymmetric reflector	■	■		
	Z8ASR48A8	48" asymmetric reflector with 4% uplight	■	■		
	Z8ASR48A5	48" asymmetric reflector with 2% uplight	■	■		
	Z8ASR36	36" asymmetric reflector	■	■		
	Z8ASR24	24" asymmetric reflector	■	■		
SYMMETRIC REFLECTORS FOR T8 LOW-PROFILE Z STRIPLIGHT SERIES	Z8ASR18	18" asymmetric reflector	■	■		
	Z8SMR48	48" symmetric reflector	■	■		
	Z8SMR48A8	48" symmetric reflector with 8% uplight				
	Z8SMR48A5	48" symmetric reflector with 5% uplight				
	Z8SMR36	36" symmetric reflector	■	■		
ASYMMETRIC REFLECTORS FOR T5 LOW-PROFILE Z STRIPLIGHT SERIES	Z8SMR24	24" symmetric reflector	■	■		
	Z8SMR18	18" symmetric reflector	■	■		
	Z5ASR46	46" asymmetric reflector	■	■		
	Z5ASR46A8	46" asymmetric reflector with 4% uplight	■	■		
	Z5ASR46A5	46" asymmetric reflector with 2% uplight	■	■		
SYMMETRIC REFLECTORS FOR T5 LOW-PROFILE Z STRIPLIGHT SERIES	Z5ASR34	34" asymmetric reflector	■	■		
	Z5ASR21	21" asymmetric reflector	■	■		
	Z5SMR46	46" symmetric reflector	■	■		
	Z5SMR46A8	46" symmetric reflector with 8% uplight				
	Z5SMR46A5	46" symmetric reflector with 5% uplight				
	Z5SMR34	34" symmetric reflector	■	■		
	Z5SMR21	21" symmetric reflector	■	■		

REFLECTORS (CONT.)						
	NOMENCLATURE	DESCRIPTION	FINISH		MATERIAL	
			WHITE	SPECULAR	ALUMINUM	20-GAUGE
ASYMMETRIC REFLECTORS FOR GENERAL PURPOSE C STRIPLIGHT SERIES	CASR24	24" asymmetric reflector	■	■		
	CASR36	36" asymmetric reflector	■	■		
	CASR48	48" asymmetric reflector	■	■	■	■
	CASR3048	48" asymmetric reflectors with 30° cut-off	■	■		
	CASR4524	24" asymmetric reflector with 45° cut-off	■	■		
	CASR4536	36" asymmetric reflector with 45° cut-off	■	■		
	CASR4548	48" asymmetric reflector with 45° cut-off	■	■		
	CASR6048	48" asymmetric reflector with 60° cut-off	■	■		
	CASR9024	24" asymmetric reflector with 90° cut-off	■	■		
	CASR9036	36" asymmetric reflector with 90° cut-off	■	■		
	CASR9048	48" asymmetric reflector with 90° cut-off	■	■		
	CASRCF18 1	18" symmetric reflector, single-lamp, compact fluorescent	■	■		
	CASRCF18 2	18" symmetric reflector, dual-lamp, compact fluorescent	■	■		
	CASRCF24 1	24" symmetric reflector, single-lamp, compact fluorescent	■	■		
	CASRCF24 2	24" symmetric reflector, dual-lamp, compact fluorescent	■	■		
SYMMETRIC REFLECTORS FOR GENERAL PURPOSE C STRIPLIGHT SERIES	CSMR18	18" symmetric reflector	■	■		
	CSMR24	24" symmetric reflector	■	■		
	CSMR36	36" symmetric reflector	■	■		
	CSMR48	48" symmetric reflector	■	■	■	■
	CSMRCF18 1	18" symmetric reflector, single-lamp, compact fluorescent	■	■		
	CSMRCF24 1	24" symmetric reflector, single-lamp, compact fluorescent	■	■		
	CSMRCF24 2	24" symmetric reflector, dual-lamp, compact fluorescent	■	■		
ASYMMETRIC REFLECTORS FOR STAGGERED STRIPLIGHT SERIES (Requires number of lamps. Example SSASR48 2.)	SSASR24	24" asymmetric reflector	■	■		
	SSASR36	36" asymmetric reflector	■	■		
	SSASR48	48" asymmetric reflector	■	■		
	SSASR4524	24" asymmetric reflector with 45° cut-off	■	■		
	SSASR4536	36" asymmetric reflector with 45° cut-off	■	■		
	SSASR4548	48" asymmetric reflector with 45° cut-off	■	■		
	SSASR6024	24" asymmetric reflector with 60° cut-off	■	■		
	SSASR6036	36" asymmetric reflector with 60° cut-off	■	■		
	SSASR6048	48" asymmetric reflector with 60° cut-off	■	■		
	SSASR9024	24" asymmetric reflector with 90° cut-off	■	■		
	SSASR9036	36" asymmetric reflector with 90° cut-off	■	■		
SYMMETRIC REFLECTORS FOR STAGGERED STRIPLIGHT SERIES (Requires number of lamps. Example SSSMR48 2.)	SSASR9048	48" asymmetric reflector with 90° cut-off	■	■		
	SSSMR24	24" symmetric reflector	■	■		
	SSSMR36	36" symmetric reflector	■	■		
	SSSMR48	48" symmetric reflector	■	■		

■ = Available

Note: Additional replacement configuration available; consult factory.

Protected Sockets

Mogul Lamp Socket and Metal Halide Mogul Lamp Base Differences

Lithonia Lighting **only** accepts orders for indoor metal halide products that can use either ANSI Type-E (enclosed) or ANSI Type-S (suitable) rated lamps if those fixtures also have a tempered glass lens. This means **all indoor metal halide products with open reflectors OR with acrylic or polycarbonate lenses are only available with protected (pink) sockets.**

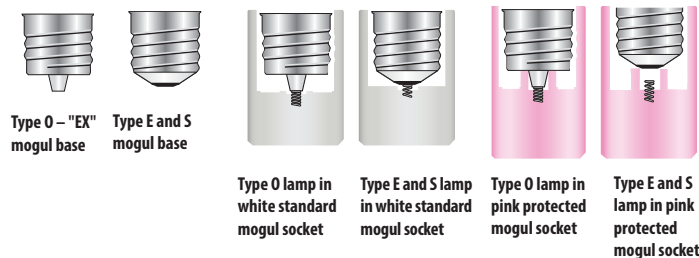
ANSI Type E – Type E metal halide lamps are enclosed-rated and only suitable for enclosed luminaires that have a glass lens or plastic lens rated for arc tube containment. These lamps have a standard mogul base design with a broad contact point as shown. Typical for 175-1500W metal halide lamps.

ANSI Type S – Type S metal halide lamps are rated suitable for use in enclosed luminaires or in open luminaires if certain lamp manufacturer operating conditions are followed. These lamps have a standard mogul base design with a broad contact point as shown. The Type S lamp rating is currently applied to metal halide lamps 350W or greater for replacement of existing lamps.

ANSI Type O – Type O metal halide lamps are open-rated protected lamps for use in open or enclosed luminaires. These lamps have "EX" style exclusionary bases designed specifically for operation with pink protected sockets. The mogul bases of these lamps have a narrow contact point designed for protected lamp sockets. Type O lamps most commonly have a cylindrical quartz barrier around the arc tube while some ceramic metal halide arc tubes are wrapped with wire. Typical for 175-1500W metal halide lamps.

Standard Mogul Base Sockets – Standard sockets are constructed of porcelain and are white in color. The center contact tab will accept ANSI Type E, S and O rated lamps. These sockets will continue to be used for metal halide HID lamps in indoor luminaires with enclosed optics.

Protected Mogul Base Sockets – Protected sockets are constructed of porcelain and are pink in color. The center contact tab is surrounded by a barrier that excludes ANSI Type E and S lamps by preventing contact between the center pin on the lamp base and center tab on the lamp socket. Type O rated lamps have a narrow center pin that fits in the barrier to make contact with the center tab. These sockets will be required for indoor HID metal halide luminaires with open optics to comply with 2005 NEC.



Fixture Weights

HOUSING	LAMP TYPE	REFLECTOR	WEIGHT (LBS)
TPG	150S, 200S, 250S, 400S	PG16	34
TPG	400S, 1000S	PG21	55
TPG	400M	PG16	34
TPG	400M, 1000M	PG21	55
TPG	150S, 200S, 250S, 400S	PG16A	36.2
TPG	400S, 1000S	PG21A	55
TPG	400M	PG16A	36.2
TPG	400M, 1000M	PG21A	55
TPGE	150S, 200S, 250S, 400S	PG16GLE	36.8
TPGE	400S, 1000S	PG21GLE	55
TPGE	175M, 250M, 400M	PG16GLE	36.8
TPGE	400M, 1000M	PG21GLE	55
TPGE	150S, 200S, 250S, 400S	PG16AGLE	38.8
TPGE	400S, 1000S	PG21AGLE	55
TPGE	175M, 250M, 400M	PG16AGLE	38.8
TPGE	400M, 1000M	PG21AGLE	55
TXF	250S	PA25ALEF	37
TXF	250S	A30F	29.5
TXF	400S	PA25ALEF	37
TXF	400S	A30F	29.5
TXF	250M	PA25ALEF	37
TXF	250M	A30F	29.5
TXF	400M	PA25ALEF	37
TXF	400M	A30F	29.5
TGR	70S		14
TGR	100S		14
TGR	150S		14
TGR	100M		14
TGL	70S		15
TGL	100S		15
TGL	150S		15
TGL	100M		15
TGL	175M		15
TGL	250M		15

HOUSING	LAMP TYPE	REFLECTOR	WEIGHT (LBS)
TX	250S	PA22GLE	35.8
TX	250S	PA25ALE	39
TX	400S	PA22GLE	35.8
TX	400S	PA25ALE	39
TX	250M	PA22GLE	35.8
TX	250M	PA25ALE	39
TX	400M	PA22GLE	35.8
TX	400M	PA25ALE	39
TX	250S	PA22C	31
TX	250S	PA25D	34
TX	400S	PA22C	31
TX	400S	PA25D	34
TX	250M	PA22C	31
TX	250M	PA25D	34
TX	350M	PA22C	31
TX	350M	PA25D	34
TX	400M	PA22C	31
TX	400M	PA25D	34
TX	50S, 70S, 100S	A20	17
TX	150S, 200S, 250S	A20	17
TX	250S, 400S	A26	32
TX	100M, 175M, 250M	A20	17
TX	250M, 400M	A26	32
TX	250S, 400S	A30	25.5
TX	250S, 400S	A23	21
TX	250M, 400M	A23	21
TX	70S, 100S, 150S	A125	23
TX	200S, 250S	A1250B	23
TX	200S, 250S	A165	30
TX	400S	A1650B	30
TX	100M	A125	23
TX	100M, 175, 250M	A165	30
TX	400M	A1650B	30
TX	70S, 100S, 150S	A121	23
TX	200S, 250S	A1210B	23
TX	200S, 250S	A162	30
TX	400S	A1620B	30
TX	100M	A121	23
TX	100M, 175M, 250M	A162	30
TX	400M	A1620B	30

HOUSING	LAMP TYPE	REFLECTOR	WEIGHT (LBS)
TH	250S	PA22N	31
TH	400S	PA22	31
TH	400S	PA22N	31
TH	1000S	PA25	48
TH	175M	PA22E	25
TH	250M	PA22E	25
TH	400M	PA22	31
TH	400M	PA22L	31
TH	400M	PA22N	31
TH	1000M	PA25	48
TH	70S, 100S, 150S	A17	25
TH	250S, 400S	A17	25
TH	1000S	A22	56
TH	400M	A17	25
TH	1000M	A22	56
TH	70S, 100S, 150S	A16	24.2
TH	250S, 400S	A16	24.2
TH	175M	A16	24.2
TH	250M	A16	24.2
TH	400M	A16	24.2
TH	250S	A16GL	25
TH	400S	A16GL	25
TH	175M	A16GL	25
TH	200M	A16GL	25
TH	250M	A16GL	25
TH	400M	A16GL	25
TH	250S	A15	21
TH	400S	A15	21
TH	400M	A15	21
TH	150S	A14	27
TH	200S	A14	27
TH	250S	A14	27
TH	400S	A14	27
TH	400M	A14	27
TE	70S, 100S, 150S, 200S	E17	31
TE	250S, 400S	E17	31
TE	400S, 1000S	E22	50
TE	175M, 250M, 400M	E17	31
TE	400M, 1000M	E22	50

PRODUCT INFORMATION

HID

HIGH BAYS (ADJUSTABLE)				
HOUSING	REFLECTOR	WATTAGE	STANDARD BALLAST	S/MH*
SH	A14	400MP	GEB	2.4
SH	A15	400MP	GEB	1.7
SH	A16, A16GL	400MP	GEB	1.2 - 1.9
SH	PA22	400MP	GEB	1.2 - 2.1
SH	PA22N	400MP	GEB	0.8 - 2.1
TH	A14	150S	HX-HPF	2.7
TH	A14	200S	HX-HPF	2.5
TH	A14	250S	CWA	2.5
TH	A14	400S	CWA	2.5
TH	A14	400MP	SCWA	2.4
TH	A15	250S	CWA	1.5
TH	A15	400S	CWA	1.5
TH	A15	400MP	SCWA	1.7
TH	A16, A16GL	70S	HX-HPF	0.9 - 1.8
TH	A16, A16GL	100S	HX-HPF	0.9 - 1.8
TH	A16, A16GL	150S	HX-HPF	0.9 - 1.8
TH	A16, A16GL	200S	CWA	1.1 - 1.9
TH	A16, A16GL	250S	CWA	1.1 - 1.9
TH	A16, A16GL	400S	CWA	1.1 - 1.9
TH	A16, A16GL	175MP	SCWA	1.2 - 2.1
TH	A16, A16GL	250MP	SCWA	1.2 - 2.1
TH	A16, A16GL	400MP	SCWA	1.2 - 1.9
TH	A17	70S	HX-HPF	0.9 - 1.8
TH	A17	100S	HX-HPF	0.9 - 1.8
TH	A17	150S	HX-HPF	0.9 - 1.8
TH	A17	200S	CWA	0.8 - 2.0
TH	A17	250S	CWA	0.8 - 2.0
TH	A17	400S	CWA	0.8 - 1.9
TH	A17	400MP	SCWA	0.8 - 1.8
TH	A22	1000S	CWA	0.8 - 1.6
TH	PA22N	250S	CWA	0.8 - 2.0
TH	PA22N	400S	CWA	0.8 - 2.0
TH	PA22N	400MP	SCWA	0.8 - 2.1
TH	PA22	400S	CWA	1.3 - 2.0
TH	PA22	400MP	SCWA	1.2 - 2.1
TH	PA22E	175MP	SCWA	1.3 - 2.0
TH	PA22E	250MP	SCWA	1.3 - 2.0
TH	PA25	1000S	CWA	1.3 - 2.2
TH	PA25	1000M	CWA	1.6 - 2.2

HIGH BAYS (NON-ADJUSTABLE)									
HOUSING	REFLECTOR	WATTAGE	STANDARD BALLAST	SPACING TO MOUNTING HEIGHT					
				N	C	M	S	W	
SPG	PG15	320MP	GEB	0.7	1.0	1.3	1.7	2.1	
SPG	PG15	350MP	GEB	0.7	1.0	1.3	1.7	2.1	
SPG	PG15	400MP	GEB	0.7	1.0	1.3	1.7	2.1	
TPG	PG16	150S	HX-HPF	0.7	1.0	1.3	1.7	2.0	
TPG	PG16	200S	CWA	N/A	0.8	1.2	1.6	1.9	
TPG	PG16	250S	CWA	N/A	0.8	1.2	1.6	1.9	
TPG	PG16	400S	CWA	N/A	0.8	1.2	1.7	2.0	
TPG	PG16	400MP	SCWA	0.7	1.0	1.3	1.7	2.0	
TPG	PG21	400S	CWA	N/A	1.1	N/A	N/A	N/A	
TPG	PG21	400MP	SCWA	0.7	N/A	N/A	N/A	N/A	
TPG	PG21	1000S	CWA	N/A	N/A	1.5	N/A	N/A	
TPG	PG21	1000M	CWA	N/A	0.9	N/A	N/A	N/A	
TPG	PG16A	150S	HX-HPF	0.7	0.8	1.1	1.4	1.6	
TPG	PG16A	200S	CWA	N/A	0.8	1.3	1.7	2.0	
TPG	PG16A	250S	CWA	N/A	0.8	1.3	1.7	2.0	
TPG	PG16A	400S	CWA	N/A	1.2	1.4	1.7	2.0	
TPG	PG16A	400MP	SCWA	0.7	1.0	1.3	1.7	2.1	
TPG	PG21A	400S	CWA	N/A	1.1	N/A	N/A	N/A	
TPG	PG21A	400MP	SCWA	0.8	N/A	N/A	N/A	N/A	
TPG	PG21A	1000S	CWA	N/A	N/A	1.6	N/A	N/A	
TPG	PG21A	1000M	CWA	N/A	1.2	N/A	N/A	N/A	
TPGE	PG16GLE	150S	HX-HPF	N/A	0.9	1.3	1.5	1.8	
TPGE	PG16GLE	200S	CWA	N/A	0.9	1.5	1.7	2.0	
TPGE	PG16GLE	250S	CWA	N/A	0.9	1.5	1.7	2.0	
TPGE	PG16GLE	400S	CWA	N/A	0.8	1.3	1.7	2.2	
TPGE	PG16GLE	175MP	SCWA	0.6	0.8	1.3	1.6	1.9	
TPGE	PG16GLE	250MP	SCWA	0.6	0.8	1.3	1.6	1.9	
TPGE	PG16GLE	400MP	SCWA	0.7	0.9	1.3	1.6	1.9	
TPGE	PG21GLE	400S	CWA	N/A	1.0	N/A	N/A	N/A	
TPGE	PG21GLE	400MP	SCWA	0.9	N/A	N/A	N/A	N/A	
TPGE	PG21GLE	1000S	CWA	N/A	1.4	N/A	N/A	N/A	
TPGE	PG21GLE	1000M	CWA	N/A	1.2	N/A	N/A	N/A	
TPGE	PG16AGLE	150S	HX-HPF	N/A	0.8	1.2	1.5	1.8	
TPGE	PG16AGLE	200S	CWA	N/A	1.6	1.8	2	2.2	
TPGE	PG16AGLE	250S	CWA	N/A	1.6	1.8	2	2.2	
TPGE	PG16AGLE	400S	CWA	N/A	1.0	N/A	N/A	N/A	
TPGE	PG16AGLE	175MP	SCWA	N/A	1.3	1.5	1.7	2.0	
TPGE	PG16AGLE	250MP	SCWA	N/A	1.3	1.5	1.7	2.0	
TPGE	PG16AGLE	400MP	SCWA	0.8	1.2	1.4	1.6	1.9	
TPGE	PG16AGLE	400S	CWA	N/A	1.0	N/A	N/A	N/A	
TPGE	PG16AGLE	400MP	SCWA	0.8	N/A	N/A	N/A	N/A	
TPGE	PG16AGLE	1000S	CWA	N/A	0.8	N/A	N/A	N/A	
TPGE	PG16AGLE	1000M	CWA	N/A	1.1	N/A	N/A	N/A	
TE	E17	70S	HX-HPF	N/A	1.0	1.3	1.5	1.9	
TE	E17	100S	HX-HPF	N/A	1.0	1.4	1.5	1.9	
TE	E17	150S	HX-HPF	N/A	1.0	1.3	1.6	1.8	
TE	E17	200S	CWA	0.8	1.1	1.3	1.5	1.9	
TE	E17	250S	CWA	0.8	1.1	1.3	1.5	1.9	
TE	E17	400S	CWA	N/A	N/A	1.2	1.5	1.9	
TE	E17	175MP	SCWA	N/A	1.0	1.4	1.6	2.0	
TE	E17	250MP	SCWA	N/A	1.0	1.3	1.6	1.9	
TE	E17	400MP	SCWA	N/A	N/A	1.4	1.6	1.9	
TE	E22	400S	CWA	0.8	1.1	N/A	N/A	N/A	
TE	E22	400MP	SCWA	0.8	1.0	N/A	N/A	N/A	
TE	E22	1000S	CWA	0.8	1.0	N/A	N/A	N/A	
TE	E22	1000M	CWA	N/A	N/A	1.0	1.3	1.6	

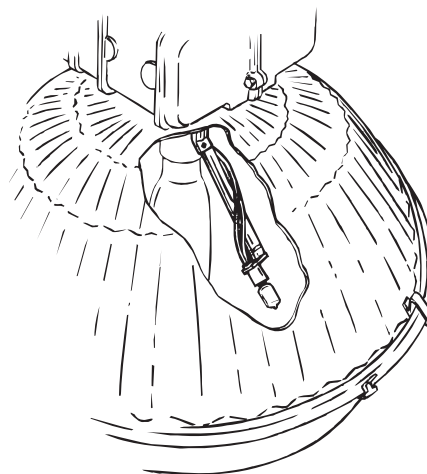
LOW BAYS				
HOUSING	REFLECTOR	WATTAGE	STANDARD BALLAST	S/MH*
SX	A23	400MP	GEB	1.7
TX	A20	50S	HX-HPF	1.9
TX	A20	70S	HX-HPF	1.8
TX	A20	100S	HX-HPF	1.9
TX	A20	150S	HX-HPF	1.9
TX	A20	200S	CWA	1.9
TX	A20	250S	CWA	1.7
TX	A20	100M	HX-HPF	1.8
TX	A20	175MP	SCWA	1.8
TX	A20	250MP	SCWA	1.7
TX	A23	250S	CWA	1.6
TX	A23	400S	CWA	1.6
TX	A23	250MP	SCWA	1.7
TX	A23	400MP	SCWA	1.7
TX	A26	250S	CWA	2.0
TX	A26	400S	CWA	2.0
TX	A26	250MP	SCWA	2.2
TX	A26	400MP	SCWA	2.2
TX	A30	250S	CWA	2.0
TX	A30	400S	CWA	2.0
TX	A30	250MP	SCWA	2.1
TX	A30	400MP	SCWA	2.1
TX	A121	100M	HX-HPF	1.8
TX	A125	70S	HX-HPF	1.8
TX	A125	100S	HX-HPF	1.8
TX	A125	150S	HX-HPF	1.8
TX	A125	200S	CWA	2.7
TX	A125	250S	CWA	2.6
TX	A162	100M	HX-HPF	1.3
TX	A162	175MP	SCWA	1.3
TX	A162	250MP	SCWA	1.3
TX	A162	400MP	SCWA	1.8
TX	A165	200S	CWA	1.9
TX	A165	250S	CWA	2.6
TX	A165	400S	CWA	1.8
TX	PA22GLE	250S	CWA	1.6
TX	PA22GLE	400S	CWA	1.6
TX	PA22GLE	250MP	SCWA	1.7
TX	PA22GLE	400MP	SCWA	1.7
TX	PA25ALE	250S	CWA	1.1
TX	PA25ALE	400S	CWA	1.1
TX	PA25ALE	250MP	SCWA	1.2
TX	PA25ALE	400MP	SCWA	1.2
TX	PA22C	250S	CWA	2.7
TX	PA22C	400S	CWA	2.7
TX	PA22C	250MP	SCWA	3.0
TX	PA22C	350MP	SCWA	2.8
TX	PA22C	400MP	SCWA	2.8
TX	PA25D	250S	CWA	2.4
TX	PA25D	400S	CWA	2.4
TX	PA25D	250MP	SCWA	2.8
TX	PA25D	350MP	SCWA	2.5
TX	PA25D	400MP	SCWA	2.8
TXF	A30F	250S	CWA	2.0
TXF	A30F	400S	CWA	2.0
TXF	A30F	250MP	SCWA	2.1
TXF	A30F	400MP	SCWA	2.1
TXF	PA25ALEF	250S	CWA	1.1
TXF	PA25ALEF	400S	CWA	1.1
TXF	PA25ALEF	250MP	SCWA	1.2
TXF	PA25ALEF	400MP	SCWA	1.2
TGL	A165	70S	HX-HPF	2.3
TGL	A165	100S	HX-HPF	2.3
TGL	A165	150S	HX-HPF	2.3
TGL	A165	100M	HX-HPF	1.2
TGL	A165	175MP	SCWA	1.7
TGL	A165	250MP	SCWA	1.7
TGR	A125	70S	HX-HPF	1.8
TGR	A125	100S	HX-HPF	1.7
TGR	A125	150S	HX-HPF	1.8
TGR	A125	100M	HX-HPF	1.7
TGR	A125	175MP	SCWA	1.8

* Spacing to mounting height.

See Options & Accessories table on page 592-593 for compatibility.

Quartz Lamp Options

- EC** *Emergency circuit.* Factory-installed, double-contact, 120V bayonet-base quartz socket with socket leads for use with separate external emergency power system. Reference Quartz Lamp Wattage table for maximum wattage. 120V quartz lamp not included.
- QRS** *Quartz restrike system.* Factory-installed, double-contact, bayonet-base quartz socket with socket leads. Automatically switches quartz lamp on if there is a power interruption or brownout significant enough to cause the primary HID lamp to drop out. The quartz lamp stays on until the HID fixture restrikes. QRS does not energize during cold start of HID luminaires. Wiring for the quartz lamp is internal to the ballast assembly; the ballast supplies voltage required to operate the quartz lamp. The fixture must be energized for quartz lamp to operate. Reference Quartz Lamp Wattage table for maximum wattage. 120V quartz lamp not included.
- QRSTD** *Quartz restrike system time delay.* Factory-installed, double-contact, bayonet-base quartz socket with socket leads. Functions same as QRS, but quartz lamp energizes under hot and cold starting conditions. Quartz lamp will come on when luminaire is energized and remain on for two minutes after startup or restrike. Wiring for the quartz lamp is internal to the ballast assembly; the ballast supplies voltage required to operate the quartz lamp. The fixture must be energized for quartz lamp to operate. Reference Quartz Lamp Wattage table for maximum wattage. 120V quartz lamp not included.

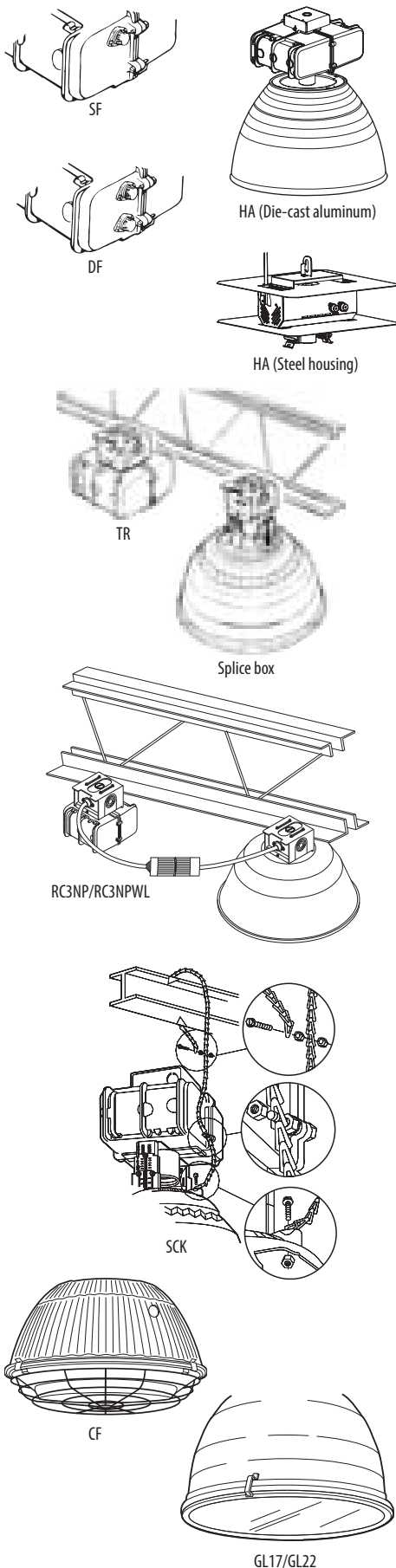


EC/QRS/QRSTD

QUARTZ LAMP WATTAGE TABLE

(Maximum rating for EC, QRS and QRSTD options)

HID MAX WATTAGE	QUARTZ MAXIMUM WATTAGE													
	TE E17 E22	TH A14 A15 A16 A17 A22 SH A15 A16	TH A16GL	TH PA22 PA22N SH PA22	TH PA22L PA22E	TH PA25	TX PA22GLE PA22C PA25D PA25ALE TXF PA25ALEF SX PA22GLE	TX A20 A23 A26 A30 TXF A30F SX A23	TX A162 A165	TGR TGL	TPG PG16 PG21 PG16A PG21A SPG PG15	TPGE PG16GLE PG21GLE	TPGE PG16AGLE PG21AGLE	TX A121 A125
150M	N/A	N/A	N/A	N/A	N/A	N/A	100	100	100	100	N/A	N/A	N/A	100
175M	100	100	100	150	150	150	150	150	100	100	150	150	150	N/A
200M	150	150	100	150	150	150	150	150	100	N/A	150	150	150	N/A
250M	250	250	100	250	150	150	150	250	100	N/A	250	150	150	N/A
300M	250	250	100	250	150	150	150	250	100	N/A	250	150	150	N/A
320M	250	250	100	250	150	150	150	250	100	N/A	250	150	150	N/A
350M	250	250	100	250	150	150	150	250	100	N/A	250	150	150	N/A
400M	250	250	100	250	150	150	150	250	100	N/A	250	150	150	N/A
450M	250	250	100	250	150	150	150	250	100	N/A	250	150	150	N/A
750M	250	250	N/A	N/A	N/A	150	N/A	N/A	N/A	N/A	250	150	150	N/A
875M	250	250	N/A	N/A	N/A	150	N/A	N/A	N/A	N/A	250	150	150	N/A
1000M	150	250	N/A	N/A	N/A	150	N/A	N/A	N/A	N/A	250	150	150	N/A
50S	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100
70S	100	100	N/A	N/A	N/A	N/A	N/A	100	100	100	N/A	N/A	N/A	100
100S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
150S	150	150	150	150	150	150	150	150	100	100	150	100	100	100
200S	150	150	150	150	150	150	150	150	100	100	150	100	100	100
250S	250	250	150	250	150	150	150	250	100	100	250	250	250	100
400S	250	250	150	250	150	150	150	250	100	N/A	250	250	250	N/A
1000S	250	250	N/A	N/A	N/A	150	150	N/A	N/A	N/A	500	250	250	N/A



See Options & Accessories table on pages 592-593 for compatibility.

Ballast Housing Options & Accessories

- SF** *Single fuse.* Use with 120V, 277V, 347V. Externally accessible in-line fusing isolates luminaire from circuit. Specify tap voltage if combined with multi-tap ballast (TB1=120V, TB4=277V, TB5=347V) or five-tap ballast (TBV1=120V, TBV4=277V).
- DF** *Double fuse.* Use with 208V, 240V, 480V. Externally accessible in-line fusing isolates luminaire from circuit. Specify tap voltage if combined with multi-tap ballast (TB2=208V, TB3=240V) or five-tap ballast (TBV2=208V, TBV3=240V, TBV6=480V).
- HA** *High ambient.* Allows the industrial luminaires to be operated in higher ambient temperatures. TX low bay series is 55°C. TH, TE, TPG, TPGE high bay series is 65°C. Large die-cast aluminum ballast housing included for TH, TE, TX, TPG, TPGE. Steel housing SH, SX, SPG series is 55°C and includes external heat shield.
- WL** *Wet location label.* Signifies that the luminaire meets all UL requirements for proper, safe operation in environments subject to spray of non-corrosive and nonflammable liquids. Fixture requires rigid pendant mounting or wet location HC3PC3RWT assembly.
- TR** *Remote ballast luminaire.* Add TR to end of complete fixture catalog number. Includes ballast housing, optic and appropriate remote optical splice box. Does not include interconnecting wiring. Ballast, optic and splice box ship separately.
- RC3NP** *Remote ballast luminaire with pre-wired cord.* Add RC3NP to end of complete fixture catalog number. Includes ballast housing, optic and appropriate remote optical mounting box and 3' of pre-wired cable harness with male and female 20A twist-lock plug (C3NP) factory attached. Ballast, optic and splice box ship separately.
- RC3NPWL** *Remote ballast luminaire with pre-wired cord for wet location.* Add RC3NPWL to end of complete fixture catalog number. Same as RC3NP except listed for wet location.
- SCK** *Safety chain kit.* Kit includes chain and attachment hardware for field installation. Add SCK (5'), SCK84 (7'), SCK120 (10') to fixture catalog number or order separately as SCK (5'), SCK84 (7'), SCK120 (10').

Optic Options & Accessories

- CF** *Charcoal filter.* Used with enclosed and gasketed luminaires. Filter prevents particulate contaminants from entering the optical assembly during start-up and cool-down periods. Filter consists of activated charcoal granules freely suspended between multiple layers of polyester filtering material.
- GL17/GL22** *Glass lens for TH A17/A22.* Frequent cleaning maintains performance. (Does not meet UL lamp rupture containment specifications.) RK1 MHINGE U kit must be specified when ordering lens separately for field modification.
- T73** *Corning C73.* Prismatic tempered glass lens.

	SF	DF	HA	WL	TR	RC3NP	RC3NPWL	SCK	CF	GL17/GL22	T73
SHIPS ATTACHED	■	■	■	■					■	■	■
SHIPS SEPARATELY					■	■	■	■		■	

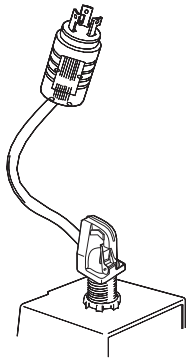
See Options & Accessories table on pages 592-593 for compatibility.

Cord Mounting Options & Accessories

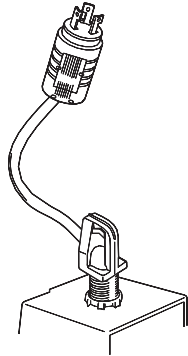
- HC3P

Hook, 3' cord and NEMA® twist-lock plug. For use where receptacle and support means are provided by others. Includes die-cast aluminum hook, 3' of 16-gauge, 105°C cord and NEMA configuration twist-lock plug. Add HC3P to fixture catalog number for factory installed or order separately as HC3P Lx-xxP. (Lx-xxP denotes plug configuration. Specify from NEMA Plug Table below.) Height 3-1/2".
- LC3P

Loop, 3' cord and NEMA® twist-lock plug. For use where receptacle and support means are provided by others. Includes die-cast aluminum loop, 3' of 16-gauge, 105°C cord and NEMA configuration twist-lock plug. Add LC3P to fixture catalog number for factory installed or order separately as LC3P Lx-xxP. (Lx-xxP denotes plug configuration. Specify from NEMA Plug Table below.) Height 3-1/2".



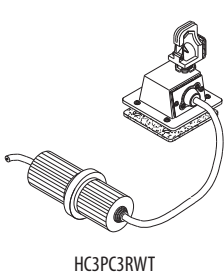
HC3P



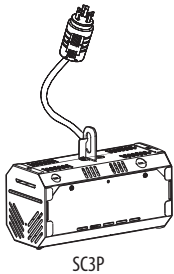
LC3P

NEMA® PLUG TABLE							
OPTIONS (SHIP ATTACHED)					ACCESSORIES (SHIP SEPARATELY)		
HOOK, 3' CORD AND PLUG	LOOP, 3' CORD AND PLUG	VOLTAGE	TB BALLAST	TBV BALLAST	CATALOG NUMBER	NEMA PLUG CONFIGURATION	AMP RATING
HC3P	LC3P	120	TB1	TBV1	HC3P L5-15P	L5-15P	15
HC3P	LC3P	208	TB2	TBV2	HC3P L6-15P	L6-15P	15
HC3P	LC3P	240	TB3	TBV3	HC3P L6-15P	L6-15P	15
HC3P	LC3P	277	TB4	TBV4	HC3P L7-15P	L7-15P	15
HC3P	LC3P	347	TB5	N/A	HC3P L37-20P	L37-20P	20
HC3P	LC3P	480	N/A	TBV6	HC3P L8-20P	L8-20P	20
HC3P20	LC3P20	120	TB1	TBV1	HC3P L5-20P	L5-20P	20
HC3P20	LC3P20	208	TB2	TBV2	HC3P L6-20P	L6-20P	20
HC3P20	LC3P20	240	TB3	TBV3	HC3P L6-20P	L6-20P	20
HC3P20	LC3P20	277	TB4	TBV4	HC3P L7-20P	L7-20P	20

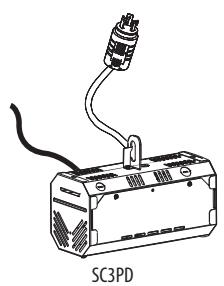
	HC3P	LC3P
SHIPS ATTACHED	■	■
SHIPS SEPARATELY	■	■



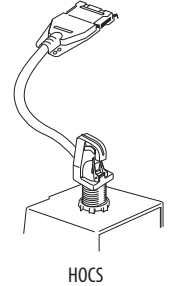
HC3PC3RWT



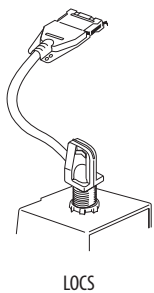
SC3P



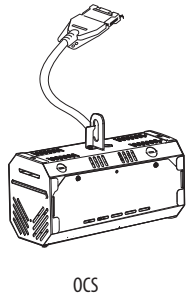
SC3PD



HOCS



LOCS



OCS

See Options & Accessories table on pages 592-593 for compatibility.

Cord Mounting Options & Accessories (continued)

- HC3PC3RWT Hook, 3' cord, NEMA® twist-lock and receptacle for wet location. For use where support means are provided by others. Includes grommited die-cast aluminum safety hook, 3' of 16-gauge, 105°C cord and NEMA twist-lock 20A plug and compatible NEMA receptacle.
- SC3P Steel hook, 3' cord and NEMA twist-lock plug. Used on steel ballast housing only. For use where receptacle and support means are provided by others. Includes steel hook, 3' of 16-gauge, 105°C cord and NEMA configuration twist-lock plug. 15A plug standard for 120V, 208V, 240V, 277V; 20A plug standard for 347V, 480V. Height 2-5/8".
- SC3PD Steel hook, 3' cord with NEMA twist-lock plug and 3' low-voltage cord. Same as SC3P with 3' of low-voltage control cord for 0-10VDC dimming. Used on steel ballast housing with GEB electronic ballast only.

RELOC® Mounting Options

- HOCS Hook, cord and RELOC OCS connector. For use where support means are provided by others. Requires RELOC wiring system. Includes die-cast aluminum hook, 5' of 16-gauge, 105°C white cord and Lithonia Lighting RELOC module. Allows the desired hot conductors needed to energize the fixture to be selected in the field. Allows fixture to be removed from line without interruption of branch circuit. Factory prewired. Height 3-1/2". In Canada, available in 120V or 347V only. To order, specify voltage. For additional information, see RELOC OCS component on page 1067.
- LOCS Loop, cord and RELOC OCS connector. For use where support means are provided by others. Requires RELOC wiring system. Includes die-cast aluminum loop, 5' of 16-gauge, 105°C white cord and Lithonia Lighting RELOC module. Allows the desired hot conductors needed to energize the fixture to be selected in the field. Allows fixture to be removed from line without interruption of branch circuit. Factory prewired. Height 3-1/2". In Canada, available in 120V or 347V only. To order, specify voltage. For additional information, see RELOC OCS component on page 1067.
- OCS Hook, cord and RELOC OCS connector. For use where support means are provided by others. Requires RELOC wiring system. Includes steel hook, 5' of 16-gauge, 105°C white cord and Lithonia Lighting RELOC module. For SH/SX/SPG steel housing only. Allows the desired hot conductors needed to energize the fixture to be selected in the field. Allows fixture to be removed from line without interruption of branch circuit. Factory prewired. Height 3-1/2". In Canada, available in 120V or 347V only. To order, specify voltage. For additional information, see RELOC OCS component on page 1067.

	HC3PC3RWT	SC3P	SC3PD	HOCS	LOCS	OCS
SHIPS ATTACHED	■	■	■	■	■	■

See Options & Accessories table on pages 592-593 for compatibility.

Power Hook Options & Accessories

- LCPP

Loop, cord and plug. Use with PPH and TPH only. Includes loop, 14" of 16-gauge, 105°C cord and twist-lock 14A non-NEMA plug configuration for power hooks. Receptacle is part of PPH or TPH accessory. Add LCPP to fixture catalog number for factory installed or order separately as LCPP.
- PPH

Pendant power hook. UL Listed as primary disconnect, load break device. Threaded 3/4" top entry. **Fixture requires LCPP option (loop, cord and plug).** Add PPH to fixture catalog number or order separately as PPH xxx. (xxx denotes voltage. Specify 120, 208, 240, 277, 347, 480.) Height 5-1/8"; width and depth 4-1/2".
- TPH

Through-wire power hook. UL Listed as primary disconnect, load break device. Permits side entry for 1-1/4" or 3/4" conduit through concentric knockouts. **Fixture requires LCPP option (loop, cord and plug).** Add TPH to fixture catalog number or order separately as TPH xxx. (xxx –denotes voltage. Specify 120, 208, 240, 277, 347, 480.) Height 6-1/4"; width and depth 4-1/2".

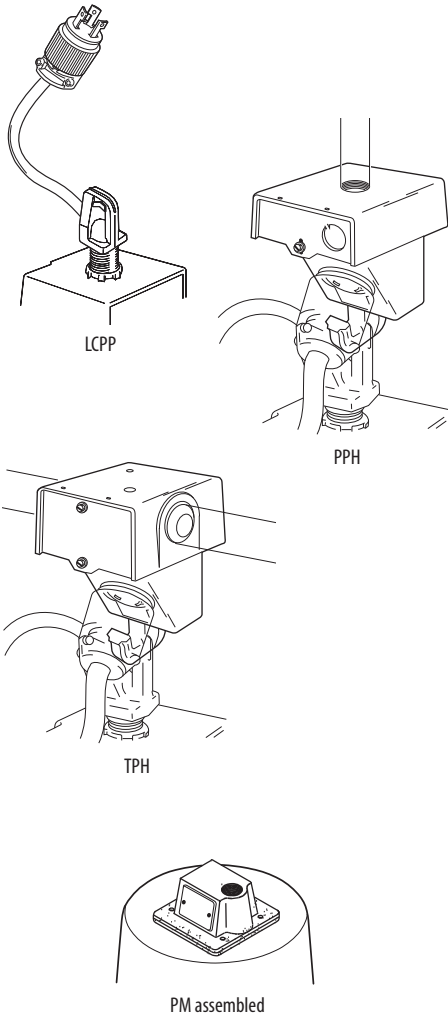
	LCPP	PPH	TPH
SHIPS ATTACHED	■		
SHIPS SEPARATELY	■	■	■

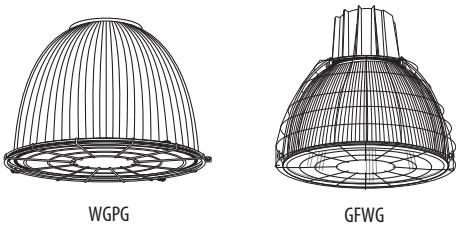
Box Mounting Options & Accessories

- TOB

Through-wire outlet box. Combination outlet box and splice compartment. Permits side entry for 1-1/4" or 3/4" conduit or top entry for 3/4" conduit through concentric knockouts. May be suspension- or surface-mounted. Height 2-7/8"; width and depth 4-1/2".

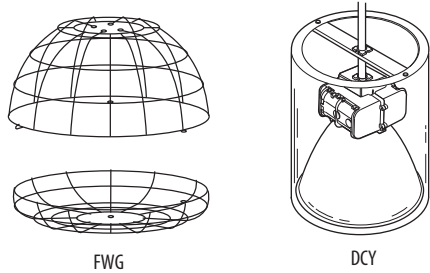
	TOB	PM
SHIPS ATTACHED	■	■
SHIPS SEPARATELY		





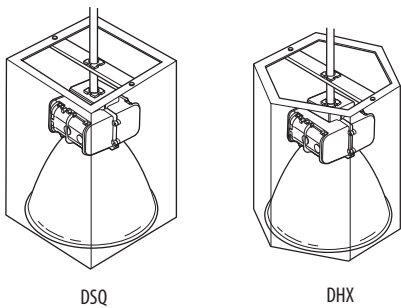
WPGG

GFWG



FWG

DCY



DSQ

DHX

See Options & Accessories table on pages 592-593 for compatibility.

Wireguards for DuraBay® Prismatic Glass High Bays

- WPGG Wireguard for open prismatic glass high bay reflectors. Use with prismatic glass reflector high bay TPG PG16/PG21 and shrouded prismatic glass reflector high bay TPG PG16A/PG21A. Wireguard covers bottom opening of reflector. Field-installed to bottom of reflector. Add WGxxxx to fixture catalog number or order separately as WGxxxx. (xxxxx denotes reflector. Specify PG16, PG21, PG16A or PG21A.)
- GFWG Wireguard for enclosed prismatic glass high bay reflectors. Use with enclosed prismatic glass reflector high bay TPGE PG16GLE/PG21GLE/PG16AGLE/PG21AGLE. Two-piece wireguard protects top reflector and bottom glass lens door. Top portion field installed to reflector neck casting. Bottom portion factory installed to glass lens door. Add GFWGxx to fixture catalog number or order separately as GFWGxx. (xx – denotes reflector size. Specify 16 or 21.) Optic, top wireguard and lens door with wireguard ship separately.

Wireguards for Acrylume® Prismatic Acrylic High Bays & Low Bays

- FWG Full wireguard. Use with the TH high bay or TX low bay Acrylume® fixtures. Attaches to bottom of ballast housing. Ships separately as: FWG U (unit).

Decorative Shades

FIXTURE SERIES AND SIZE	CYLINDER DCY	SQUARE DSQ	HEXAGONAL DHX	DIAMETER	HEIGHT
TH A16 and TH A17	DCY19 400 (color)	DSQ19 400 (color)	DHX19 400 (color)	19"	30"
TH A17 with WGA, WGG	DCY22 400 (color)	DSQ22 400 (color)	DHX22 400 (color)	22-1/2"	30"
TH A22	DCY24 400 (color)	DSQ24 400 (color)	DHX24 400 (color)	24"	30"
TH A22 with WGA, WGG	DCY26 1000 (color)	DSQ26 1000 (color)	DHX26 1000 (color)	26"	30"
TE E17	DCY22 400 (color)	DSQ22 400 (color)	DHX22 400 (color)	22-1/2"	30"
TE E22	DCY26 1000 (color)	DSQ26 1000 (color)	DHX26 1000 (color)	26"	30"

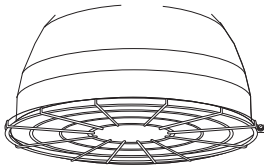
24-gauge steel construction with baked polyester enamel finish. Designed for pendant mounting on rigid conduit only. Not for use on swivel hangers or any self-leveling hanging device. Available in all architectural colors. Custom colors may involve substantial setup fees; consult factory. Mounting and fixture attachment hardware not included.

	WPGG	GFWG	FWG	DCY	DSQ	DHX
SHIPS SEPARATELY	■	■	■	■	■	■

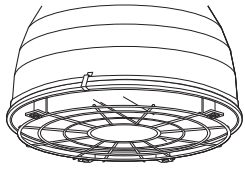
Wireguards for Hi-Tek® Aluminum High Bays & Low Bays

- WGA Wireguard for Hi-Tek® open aluminum high bay reflectors. Use with TH A15/A16/A17/A22 and SH A15/A16 open aluminum reflector high bays. Add WG to fixture catalog number or order separately as WGxxx. (xxx denotes reflector. Specify A15, A16, A17, A22.)
- WGG Wireguard for enclosed high bay reflectors. Use with TE E17/E22; TH A17 with GL17/A22 with GL22; TPGE PG16GLE/PG16AGLE/PG21GLE/PG21AGLE reflector high bays. Wireguard is factory-installed to glass lens door. Must be ordered with fixture. Add WG to fixture catalog number.
- WG Wireguard for Hi-Tek® aluminum low bays. Use with TX A20/A23/A26/A30 or SX A23. Must be ordered with fixture. Add WG to fixture catalog number. Wireguard is factory-attached to lens door. Add WG to fixture catalog number.

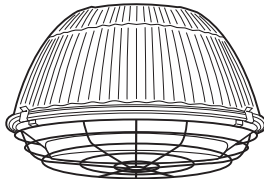
	HKM	HKF	HKMG	LPM	LPF	LPMG	SMB	TMB	WGA	WGG	WG
SHIPS ATTACHED										■	■
SHIPS SEPARATELY	■	■	■	■	■	■	■	■	■		



WGA



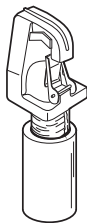
WGG



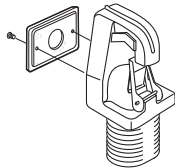
WG



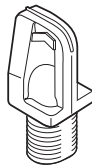
HKM



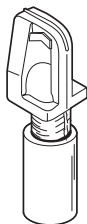
HKF



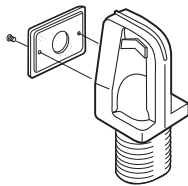
HKMG



LPM



LPF



LPMG

Mounting Hooks

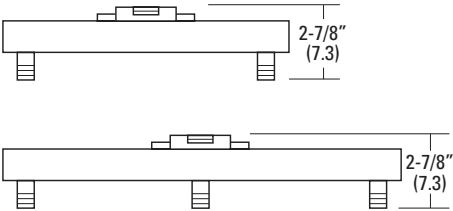
- HKM Fixture hook male. Die-cast aluminum construction with spring steel safety clasp. Overall height is 3-3/4" including 1" of threaded nipple. Thread diameter is 3/4".
- HKF Fixture hook female. Die-cast aluminum construction with spring steel safety clasp with coupling added for female entry. Overall height is 5-1/4" including threaded coupling. Thread diameter is 3/4".
- HKMG Fixture hook male grommited. Die-cast aluminum construction with spring steel safety clasp. Gasketed cord exit design keeps dirt from entering hook/cord entry. Overall height is 3-3/4" including 1" of threaded nipple. Thread diameter is 3/4".
- LPM Fixture loop male. Die-cast aluminum construction with closed loop design. Overall height is 3-3/4" including 1" of threaded nipple. Thread diameter is 3/4".
- LPF Fixture loop female. Die-cast aluminum construction with closed loop design with coupling added for female entry. Overall height is 5-1/4" including threaded coupling. Thread diameter is 3/4".
- LPMG Fixture loop male grommited. Die-cast aluminum construction with closed loop design. Gasketed cord exit design keeps dirt from entering loop/cord entry. Overall height is 3-3/4" including 1" of threaded nipple. Thread diameter is 3/4".

Mounting Bars

- SMB

Single mounting bar. White painted steel channel with 3/4" pipe couplings, suspends remote ballast housing at one end with remote reflector assembly at the other. SMB includes end snap-in closure strips for wire access. Order as SMB18 for 18" (overall length) or SMB24 for 24" (overall length). Center line of pipe couplings are 3" from each end.
- TMB

Twin mounting bar. White painted steel channel with 3/4" pipe couplings suspends two complete fixtures, one at each end. Order as TMB30 for 30" (overall length) or TMB48 for 48" (overall length). Center lines of pipe couplings are 3" from each end.



High Bays - Options & Accessories Compatibility

HIGH BAYS													
		SH A14	SH A15	SH A16	SH PA22	SPG PG15	TE E17/E22	TH A14	TH A15	TH A16/A16GL	TH A17/A22	TH PA22/PA25	THD A15/A16
BALLAST HOUSING	SF	■											
	DF	■	■	■	■	■	■	■	■	■	■	■	■
	HA(55 °C)						□	□	□	□	□	□	□
	HA(65 °C)						■	■	■	■	■	■	■
	WL						■						
	TR						■	■	■	■	■	■	■
	RC3NP						■	■	■	■	■	■	■
	RC3NPWL						■						
	SCK	■	■	■	■	■	■	■	■	■	■	■	■
	SCK84	■	■	■	■	■	■	■	■	■	■	■	■
OPTIC	SCK120	■	■	■	■	■	■	■	■	■	■	■	■
	CF						■			■			
	GL17/GL22						□			■			
QUARTZ LAMP	T73						■			■			
	EC	■	■	■	■	■	■	■	■	■	■	■	■
	QRS						■	■	■	■	■	■	■
CORD MOUNTING	QRSTD	■	■	■	■	■	■	■	■	■	■	■	■
	HC3P						■	■	■	■	■	■	■
	HC3KP						■	■	■	■	■	■	■
	LC3P						■	■	■	■	■	■	■
	LC3KP						■	■	■	■	■	■	■
	HC3PC3RWT						■						
	SC3P	■	■	■	■	■							
RELOC MOUNTING	SC3PD	■	■	■	■	■							
	HOC5						■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5
	LOC5						■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5
POWER HOOK	OCS	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5	■ 3,4,5							
	LCPP						■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4
	PPH						■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4
BOX MOUNTING	TPH						■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4
	TOB	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4
MOUNTING HOOKS AND LOOPS	PM												
	HKM	■	■	■	■	■	■	■	■	■	■	■	■
	HKF	■	■	■	■	■	■	■	■	■	■	■	■
	HKMG	■	■	■	■	■	■	■	■	■	■	■	■
	LPM	■	■	■	■	■	■	■	■	■	■	■	■
	LPF	■	■	■	■	■	■	■	■	■	■	■	■
MOUNTING BARS	LPMG	■	■	■	■	■	■	■	■	■	■	■	■
	SMB18						■ 4,6	■ 4,6	■ 4,6	■ 4,6	■ 4,6	■ 4,6	■ 4,6
	SMB24						■ 4,6	■ 4,6	■ 4,6	■ 4,6	■ 4,6	■ 4,6	■ 4,6
	TMB30						■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4
WIREGUARDS	TMB48						■ 4	■ 4	■ 4	■ 4	■ 4	■ 4	■ 4
	WGA		■	■						■			
	WGG						■ 9						
	WG												
	WGPG											■	
DECORATIVE SHIELDS	GFWG												■
	FWG						■					■	
	DCY						■ 7		■ 7	■ 7	■ 7		
	DSQ						■ 7		■ 7	■ 7	■ 7		
PAINT	DHX						■ 7		■ 7	■ 7	■ 7		
	CR						■ 8	■ 8	■ 8	■ 8	■ 8	■ 8,10	■ 8,10
	CRT						■ 8	■ 8	■ 8	■ 8	■ 8	■ 8,10	■ 8,10
LAMP	LPI												■
	W/LAMP						■	■	■	■	■	■	■

□ = Standard
■ = Option available

Notes

- Not available on all wattages and voltages. Consult factory.
- Requires PM option.
- Must specify voltage tap for TB and TBV in catalog number voltage field. (See NEMA PLUG Chart).
- Cannot be combined with WL option.
- Available in 120V or 347V in Canada.
- Requires TR ballast option.
- Pendant mount on rigid conduit. Not for use with any self-leveling hanger.
- Consult factory for environmental compatibility.
- Must be ordered with tempered glass (GL 17/GL22) door enclosure.
- Housing only.

Low Bays - Options & Accessories Compatibility

		LOW BAYS															
		SX A23	TGL	TGR	TX A125/A165	TX A20	TX A23	TX A26	TXD A23	TX A30	TXF A30F	TXF PA25ALEF	TX PA22C	TX PA22GLE	TX PA25ALE	TX PA25D	
BALLAST HOUSING	SF	■	■	■	■	■	■	■		■	■	■	■	■	■	■	
	DF	■	■	■	■	■	■	■		■	■	■	■	■	■	■	
	HA(55 °C)		■	■	■	■	■	■		■	■	■	■	■	■	■	
	HA(65 °C)																
	WL		■	■		■	■	■		■	□	□	■	■	■	■	
	TR				■	■	■	■		■			■	■	■	■	
	RC3NP				■	■	■	■		■			■	■	■	■	
	RC3NPWL				■	■	■	■		■			■	■	■	■	
	SCK	■	■	■	■	■	■	■		■				■	■	■	■
	SCK84	■	■	■	■	■	■	■		■				■	■	■	■
SCK120	■	■	■	■	■	■	■		■				■	■	■	■	
OPTIC	CF																
	GL17/GL22																
QUARTZ LAMP	T73																
	EC	■	■	■	■	■	■	■		■	■	■	■	■	■	■	
	QRS		■	■	■	■	■	■		■	■	■	■	■	■	■	
	QRSTD	■			■	■	■	■		■	■	■	■	■	■	■	
CORD MOUNTING	HC3P		■ ²	■ ²	■	■	■	■		■			■	■	■	■	
	HC3KP				■	■	■	■		■			■	■	■	■	
	LC3P		■ ²	■ ²	■	■	■	■		■			■	■	■	■	
	LC3KP				■	■	■	■		■			■	■	■	■	
	HC3PC3RWT		■ ²	■ ²	■	■	■	■		■	■	■	■	■	■	■	
	SC3P	■															
	SC3PD	■															
RELOC MOUNTING	HOCS		■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}		■ ^{3,4,5}			■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	
	LOCS		■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}		■ ^{3,4,5}			■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	■ ^{3,4,5}	
	OCS	■ ^{3,4,5}															
POWER HOOK	LCPP		■ ⁴	■ ⁴	■ ⁴	■ ⁴	■ ⁴	■ ⁴		■ ⁴			■ ⁴	■ ⁴	■ ⁴	■ ⁴	
	PPH		■ ⁴	■ ⁴	■ ⁴	■ ⁴	■ ⁴	■ ⁴		■ ⁴			■ ⁴	■ ⁴	■ ⁴	■ ⁴	
	TPH		■ ⁴	■ ⁴	■ ⁴	■ ⁴	■ ⁴	■ ⁴		■ ⁴			■ ⁴	■ ⁴	■ ⁴	■ ⁴	
BOX MOUNTING	TOB	■ ⁴			■ ⁴	■ ⁴	■ ⁴	■ ⁴		■ ⁴			■ ⁴	■ ⁴	■ ⁴	■ ⁴	
	PM		■	■													
MOUNTING HOOKS AND LOOPS	HKM	■	■	■	■	■	■	■		■			■	■	■	■	
	HKF	■	■	■	■	■	■	■		■			■	■	■	■	
	HKMG	■	■	■	■	■	■	■		■			■	■	■	■	
	LPM	■	■	■	■	■	■	■		■			■	■	■	■	
	LPF	■	■	■	■	■	■	■		■			■	■	■	■	
	LPMG	■	■	■	■	■	■	■		■			■	■	■	■	
MOUNTING BARS	SMB18				■ ⁶	■ ⁶	■ ⁶	■ ⁶		■ ⁶			■ ⁶	■ ⁶	■ ⁶	■ ⁶	
	SMB24				■ ⁶	■ ⁶	■ ⁶	■ ⁶		■ ⁶			■ ⁶	■ ⁶	■ ⁶	■ ⁶	
	TMB30				■ ⁴	■ ⁴	■ ⁴	■ ⁴		■ ⁴			■ ⁴	■ ⁴	■ ⁴	■ ⁴	
	TMB48				■ ⁴	■ ⁴	■ ⁴	■ ⁴		■ ⁴			■ ⁴	■ ⁴	■ ⁴	■ ⁴	
WIREGUARDS	WGA																
	WGG																
	WG	■			■	■	■	■		■							
	WGPG																
	FWG																
DECORATIVE SHIELDS	FWG												■	■	■	■	
	DCY																
	DSQ																
PAINT	DHX																
	CR		■ ⁸	■ ⁸	■ ⁸	■ ⁸	■ ⁸	■ ⁸		■ ⁸			■ ^{8,10}	■ ^{8,10}	■ ^{8,10}	■ ^{8,10}	
	CRT				■ ⁸	■ ⁸	■ ⁸	■ ⁸		■ ⁸			■ ^{8,10}	■ ^{8,10}	■ ^{8,10}	■ ^{8,10}	
LAMP	LPI								■								
	W/LAMP				■	■	■	■		■	■	■	■	■	■	■	

□ = Standard
■ = Option available

Notes

- Not available on all wattages and voltages. Consult factory.
- Requires PM option.
- Must specify voltage tap for TB and TBV in catalog number voltage field. (See NEMA PLUG Chart).

4 Cannot be combined with WL option.

5 Available in 120V or 347V in Canada.

6 Requires TR ballast option.

7 Pendant mount on rigid conduit. Not for use with any self-leveling hanger.

8 Consult factory for environmental compatibility.

9 Must be ordered with tempered glass (GL 17/GL22) door enclosure.

10 Housing only.



LITHONIA LIGHTING® DEMANDING ENVIRONMENTS

Lithonia Lighting offers a full range of fixtures designed to fit demanding environments within applications such as schools, recreational areas, apartment complexes, parking garages, train stations, gas stations and government buildings. We feature products from our popular rough service line that are designed to withstand both physical and environmental abuses. We also offer a wide variety of food-processing and enclosed wet-location products.

Available in LED, linear fluorescent, compact fluorescent, incandescent and HID, the opportunities are endless with Lithonia Lighting products for demanding environments.



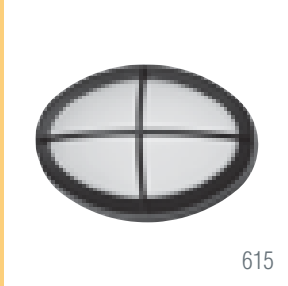
597



603



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615



620



622

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WRT



Intended Use

General illumination for indoor and outdoor covered ceiling locations. Ideal for showers, locker rooms, recreational facilities, kitchens, and other applications.

Features

- Code gauge, cold rolled steel housing with closed cell neoprene gasketing
- Door frame features mitered corners and cam latches
- All metal parts are finished with electrostatically deposited, thermally set polyester powder paint after fabrication

- Lenses feature 100% UV stabilized acrylic with optional internal prisms to maintain a smooth and easy-to-clean outer surface
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Available for grid or flange ceiling types

Listings

UL Listed (standard) and CSA Certified (standard; except for 347V – see options). NOM Certified (see options). UL Listed for 25°C ambient and wet locations for covered ceiling applications.

ORDERING INFORMATION

Specifications subject to change.

Example: 2WRT G 2 32 A12125 MVOLT GEB10IS

Series	Trim	Number of lamps ¹	Lamp type	Door
WRT Recessed wet location troffer, 1' wide	G Lay-in grid trim	1	17 17W T8 (24")	(blank) Flush aluminum, white
2WRT Recessed wet location troffer, 2' wide	F Overlapping flanged trim	2	28T5 28WT5 (46")	FN Flush aluminum, natural
		3	32 32W T8 (48")	FM Flush aluminum, matte black ²
		4	U31 31W T8-U (24", 1-5/8" leg)	
		6	U316 31W T8-U (24", 6" leg)	
		Not included.	54 54T5HO (46")	

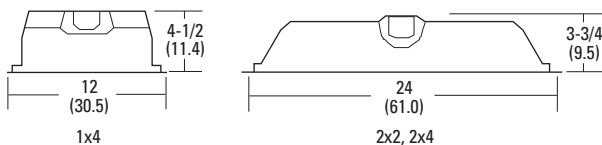
Shielding ³	Voltage	Ballast configuration	Ballast	Options ⁴
A12125 #12 pattern acrylic, .125" thick	MVOLT	(blank) Standard configuration	GEB10IS T8 electronic ballast, ≤10% THD, instant start	CSA Meets Canadian standards (347V only)
A15 #15 pattern acrylic, .2" thick	120	1/3 One 3-lamp ballast	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start (347V only)	NOM Meets Mexican standards
A19 #19 pattern acrylic, .156" thick	277	1/4 One 4-lamp ballast	GEB10PS90 T5HO electronic ballast, ≤10% THD, programmed rapid start	
	347			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	DEPTH
1' x 4'	WRT	1, 2, 3	32	4-1/2 (11.4)
1' x 4'	WRT	1, 2	54T5HO	4-1/2 (11.4)
2' x 2'	2WRT	2	17, U31	3-3/4 (9.5)
2' x 2'	2WRT	2	U316	3-3/4 (9.5)
2' x 2'	2WRT	3	17, U31	3-3/4 (9.5)
2' x 2'	2WRT	4	17	3-3/4 (9.5)
2' x 4'	2WRT	2, 3, 4, 6	32	3-3/4 (9.5)
2' x 4'	2WRT	2, 3, 4	54T5HO	3-3/4 (9.5)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp compatibility.
- 2 Not available with 4-lamp fixture.
- 3 Add suffix V for internal prisms. Example: A12125V.
- 4 For additional options, see product specification on www.lithonia.com.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

An attractive and energy-efficient surface-mounted or suspended LED luminaire, suitable for wet, damp and/or cold locations. For challenging situations where relatively low fixture mounting heights and wide fixture spacings are common — such as industrial facilities, parking garages, retail malls, multi-purpose rooms, garden centers, and airports.

Features

- Replaces up to a 4-lamp 32W T8 or 150W MH
- Shallow one-piece SVA fiberglass housing with integral perimeter channel utilizing continuous poured-in-place closed cell gasket
- UL approved as a wireway and through wiring
- Multiple lens options available

- Utilizes high-efficiency LED's on metal core circuit boards; 4100K temperature standard with additional color temperatures also available
- High efficiency driver operates 120V through 277V, 50-60HZ
- Expected service life of 60,000 hours at 80% lumen maintenance (L80); predicted life of more than 100,000 hours
- Fixture can be ceiling or suspended mounted. Covered ceiling is not required to maintain wet location listing or IP rating

Listings

CSA Certified to UL and cUL standards. Listed for wet locations up to 25°C ambient temperature when fixture is surface mounted or 40°C when fixture is suspended at least 6" from ceiling (driver would have 3 year warranty). IP65, IP66 and IP67 rated. NSF splash-zone certified and meets FDA/USDA guidelines.

FEM LED

**ORDERING INFORMATION**

Specifications subject to change.

Example: FEM4 LED 4L/57 IMAFL

Series	Lumens/Color temperature ¹		Diffuser	Distribution		Voltage	
FEM4 LED 4'	Nominal Lumens	Color temperature	IMAFL Acrylic, lineal ribbed frosted lens	(blank)	General distribution	(blank)	MVOLT
FEM8 LED 8'	3L 3000 lumens	(blank) 4100K (CRI 65)	IMACD Acrylic, clear deep lens	SD	Spread distribution	120	120V
	4L 4000 lumens	27 2700K (CRI 80)	IMAFD Acrylic, clear deep frosted lens			277	277V
	6L 6000 lumens	35 3500K (CRI 80)					
	9L 9000 lumens	57 5700K (CRI 70)					
		AMB Amber LED					

Options

CS89	Cord set - NEMA type STW 16/3, 6', 600V, white, no plug, wet location ²	L/SP	Less surge protector	WLF	Wet location fitting (pre-installed on top of housing)
CS89L12	Cord set - NEMA type STW 16/3, 12', 600V, white, no plug, wet location ²	DIM	Pre-wired for 0-10V low-voltage dimming (100-10%)	WLFEND	Wet location fitting (one end)
CS88	Cord set-Brad Harrison 3P male straight 600V molded plug, 6' type ST00W yellow PVC cord, 16/3 ²	DIM2	Line-voltage power control (100%-50%) ³	PLCL	Polycarbonate latches
CS88L12	Cord set - Brad Harrison 3P male straight 600V molded plug, 12' type ST00W yellow PVC cord, 16/3 ²	MSI	Wet location 360° motion sensor pre-wired for ON/OFF operation ^{2,4}	DPMB	Dual pendant mounting bracket
		TRS	Tamper resistant Torx®		

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**FEM LED SPECIFICATION MATRIX***

FIXTURE	SYSTEM WATTS	ACTUAL LUMENS	MA	MAX. AMBIENT TEMP. (°C)		WIDTH	IMAFL DEPTH	IMACD OR IMAFD DEPTH	LENGTH	COMPARABLE FLUORESCENT/HID
FEM4 3L	39	3418	350	40	25	7 (17.8)	4 3/4 (12.1)	6 1/8 (15.5)	52 (132.1)	1-lamp 32W T8, 1-lamp 54W T5HO, 70W MH
FEM4 4L	61	4728	525	35	25	7 (17.8)	4 3/4 (12.1)	6 1/8 (15.5)	52 (132.1)	2-lamp 32W T8, 70W HPS
FEM8 6L	78	6836	350	40	25	7 (17.8)	4 3/4 (12.1)	6 1/8 (15.5)	100 1/4 (254.6)	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HPS, 100W MH
FEM8 9L	122	9456	525	25	25	7 (17.8)	4 3/4 (12.1)	6 1/8 (15.5)	100 1/4 (254.6)	4-lamp 32W T8, 150W MH

ACCESSORIES**ORDER SEPARATELY**

HC36	Hook and 36" chain (ships as pair)
MHHK120	10' single leg air craft cable
MHHK120SS	10' single leg air craft cable, stainless steel
RK1 T10DRV	Torx® T10 screwdriver for TRS option
FEMDPMB	Dual pendant mounting bracket (ships as pair)

Notes

- 1 The CCT value provided is of lamp source and actual CCT will vary upon levels.
- 2 Must specify voltage.
- 3 Available with 8' only.
- 4 For mounting up to 8', specify MSI8; for mounting up to 20', specify MSI20; for mounting up to 40', specify MSI40.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

FEM FEN



Intended Use

An attractive and energy-efficient surface-mounted or suspended linear fluorescent luminaire, suitable for wet, damp locations. Ideal for challenging situations where relatively low fixture mounting heights and wide fixture spacings are common — such as parking garages, industrial facilities, retail malls, multi-purpose centers and airports.

Features

- Shallow one-piece 5VA fiberglass housing with integral perimeter channel utilizing continuous poured-in-place closed cell gasket
- UL approved as a wireway and through wiring
- Multiple lens options available

- Precision formed high-performance, 95% total reflectance optics utilizing specular aluminum
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- May be surface mounted or suspended by cable or chain

Listings

UL Listed. FEM for use in wet locations with ambient temperatures ranging -20°C when fixture is suspended mounted, up to 35°C when fixture is surface mounted. FEN for use in wet locations with ambient temperatures ranging from -20° to 40°C.

ORDERING INFORMATION

Specifications subject to change.

Example: FEM4 2 54T5HO S2X20 BMPCL MVOLT GEB10PS90 LP841

Series	Number of lamps ¹	Lamp type	Distribution/Reflector		Diffuser	
FEN4 4" x 4'	1	28T5 28W T5 (46")	Distribution		Reflector	
FEM4 7" x 4'	2	32 32W T8 (48")	(blank)	Flat ballast cover	(blank)	White powder coat
FEM8 7" x 8'		54T5HO 54W T5HO (46") ²	T1X20	Specular aluminum reflector, task beam (0.9 ≤ SC < 1.2) ³	X32	Specular aluminum, ballast cover with spread distribution
			S2X20	Specular aluminum reflector, enhanced spread beam, (1.4 ≤ SC < 1.8) ^{3,4}		
Voltage		Ballast configuration	Ballast		Options	Lamp color
MVOLT 120V - 277V, 60 Hz		(blank) All 1-lamp or 2-lamp ballasts	GEB10IS	T8 electronic ballast, ≤10% THD, instant start, normal BF	EL14DW Wet location battery pack (1400 lumens)	(blank) No lamps
HVOLT 347V - 480V, 60 Hz		1/4 One 4-lamp ballast	GEB10ISH	T8 electronic ballast, ≤10% THD, instant start, high BF		LP830 85 CRI, 3000K, std. life
			GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start		LP835 85 CRI, 3500K, std. life
			GEB10PS90	T5HO 90° electronic ballast, ≤10% THD, programmed rapid start		LP841 85 CRI, 4100K, std. life
						LP850 85 CRI, 5000K, std. life

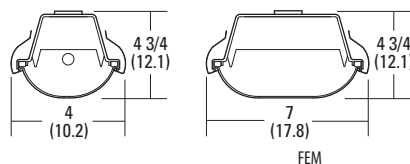
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NUMBER OF LAMPS	LAMP TYPE	WIDTH	HEIGHT	LENGTH
FEN4	1	32, 28T5, 54T5HO	4 (10.2)	4 - 3/4	51 3/4 (131.4)
FEM4	1, 2	32, 28T5, 54T5HO	7 (17.8)	4 - 3/4	52 (132.1)
FEM8	1, 2	32, 28T5, 54T5HO	7 (17.8)	4 - 3/4	100 1/4 (254.6)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- See Configurations table for lamp compatibility.
- Requires GEB10PS90 ballast.
- Not available with FEN.
- Available with 2-lamp profile only. Available with IMACD and IMAFD diffuser only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The perfect replacement for HID high bay luminaires. Typically located in retail, warehouse, industrial, commercial, and manufacturing areas. Designed for large area lighting applications (5,000 - 1,000,000+ sq.ft.) and may be mounted 15' to 25'.

Features

- Channel, ends, and door frames are manufactured from 20-gauge aluminum
- Tool-less ballast and wiring access
- Precision formed, high-performance, 95% total reflectance, segmented optics utilizing premium specular aluminum

- White reflectors have 93%+ total reflectance with a polyester powder finish
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Fixture may be suspended by chain or cable

Listings

CSA Certified to U.S. and Canadian Safety Standards (UL1598 and CSA 250.0-08) for 25°C ambient temperature. Suitable for wet locations. For use in ambient temperature ranging from 0°C (30°F) to 30°C (85°F).

FWB**ORDERING INFORMATION**

Specifications subject to change.

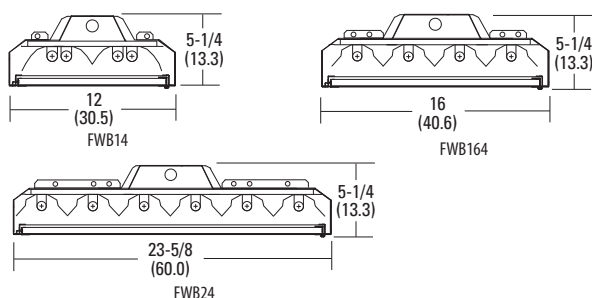
Example: FWB24 6 32 T1X20 PCL125 MVOLT 1/41/2 GEB10IS LP841

Series		Number of lamps ¹	Lamp type		Distribution/Reflector				Shielding		Voltage	
FWB14	1' x 4'	2	28T5	28W T5 (46")	Distribution		Reflector		ACL	Clear acrylic, 0.125"	MVOLT	120-277V
FWB164	16" x 4'	3	32	32W T8 (48")	F1	Focus (0.9>SC) ²	X20	Specular aluminum	PCL125	Clear polycarbonate, 0.125"	HVOLT	347-480V
FWB24	2' x 4'	4	54T5HO	54W T5HO (46")	T1	Task (0.9<1.2 SC)	D20	White powder coat ³				
		6			N1	Normal (1.2<1.4 SC)						
					S1	Spread (1.4<1.8 SC)						
					B1	Broad (1.8< SC)						
Ballast configuration			Ballast				Lamp color		Options			
(blank)	All 2-lamp ballasts ⁴		GEB10IS	T8 electronic ballast, ≤10% THD, instant start, normal BF				(blank)	No lamps		CS89	NEMA type STW 16/3, 6', 600V, white, no plug, wet location
1/3	One 3-lamp ballast		GEB10ISH	T8 electronic ballast, ≤10% THD, instant start, high BF				LP830	85 CRI, 3000K, std. life			
1/4	One 4-lamp ballast		GEB10PS	T5 electronic ballast, ≤10% THD , programmed rapid start				LP835	85 CRI, 3500K, std. life			
1/4 1/2	One 4-lamp & one 2-lamp ballast		GEB10PS90	T5HO 90° electronic ballast, ≤10% THD , programmed rapid start				LP841	85 CRI, 4100K, std. life		CS89L10	NEMA type STW 16/3, 12', 600V, white, no plug, wet location
2/3	Two 3-lamp ballasts							LP850	85 CRI, 5000K, std. life			

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**CONFIGURATIONS**

SERIES	NUMBER OF LAMPS	WIDTH	HEIGHT	LENGTH
FWB14	2, 3	12 (30.5)	5-1/4 (13.3)	48 (121.9)
FWB164	4	16 (40.6)	5-1/4 (13.3)	48 (121.9)
FWB24	6	23-5/8 (60.0)	5-1/4 (13.3)	48 (121.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**ACCESSORIES****ORDER SEPARATELY**

IBAC120 M20	10' adjustable aircraft cable, 2-hook Y hanger (one pair)
IBAC240 M20	20' adjustable aircraft cable, 2-hook Y hanger (one pair)
MHYTGB10	10' adjustable aircraft cable, 2-toggle Y hanger (one pair)
HBBS36	3' jack chain with hanger (one pair)

Notes

- See Configurations table for lamp compatibility.
- Available with T5HO lamps ONLY.
- Available with N1 (normal) distribution only.
- This is currently the only configuration available for T5 lamps.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

DMW

**Intended Use**

Intended for low to medium mounting heights where dust, dirt, humidity, or moisture are present. Ideal for canopies, dock areas, wastewater treatment, refrigerated areas, food processing, and other non-hazardous environments.

Features

- Impact resistant, UV stabilized, fiberglass reinforced polyester housing with cold rolled steel channel
- Poured in place gasketing provides a seal between housing and diffuser
- High-impact acrylic diffuser with stippled interior surface to spread lamp range

- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Fixture may be unit or row installed, surface (ceiling or wall) or suspended mounted. Wall mounting; horizontal orientation only for use in damp locations

Listings

120V, 277V, and MVOLT are UL Listed and CSA Certified (standard), 347V is CSA Certified (see Options). NOM Certified (see Options). Listed for 25°C ambient and wet locations for covered ceiling applications. IP65 rated standard. Optional IP67 rating available (supplied with 8 latches on 4' units and 14 latches on 8' units; covered ceiling not required). Compliant to FDA/USDA requirements and/or NSF splash zone certification.

ORDERING INFORMATION

Specifications subject to change.

Example: DMW 2 32 MVOLT GEB1015

Series	Number of lamps ¹	Lamp type	Diffuser	Voltage	Ballast configuration
DMW Wet location	1	28T5 28W T5 (46")	(blank) High-impact acrylic, 50% DR	MVOLT	(blank) Standard configuration
For tandem double-length unit, add prefix T. Example: TDMW	2	32 32W T8 (48")	ARDP Deep high-impact acrylic, 50% DR ³	120	
	3	48T8HO 44W T8HO (48")		277	1/3 One 3-lamp ballast
	Not included.	54T5HO 54W T5HO (46") ²		347	1/4 One 4-lamp ballast
		96T8 59W T8 slimline (96")			
		96T8HO 86W T8 380mA (96")			

Ballast	Options
GEB10IS T8 electronic ballast, ≤10% THD, instant start	BCD Mounting bracket to chain hang DMW (2 per package, excludes chain) ^{4,5}
GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start (347V only)	HC36 Wire hook and 36" chain set (2 per package) ^{4,5}
GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	MSL_ Wet location occupancy sensor pre-wired ^{6,7}
GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	IP67 IP67 rated, utilizes 8 latches for 4' fixtures and 14 latches on 8' fixtures
	STSL Stainless steel latches
	WLF Wet location fittings (one pair, installed top, for use with 1/2" rigid conduit)
	CSA Meets Canadian standards (347V only)
	NOM Meets Mexican standards

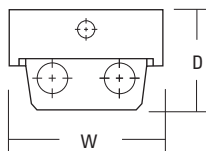
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH	DEPTH	LENGTH
DMW	1, 2, 3	1, 2, 3	28T5, 32	7-5/8 (19.4)	4-3/4 (12.1)	50 (127.0)
DMW	1, 2	1, 2	54T5HO	7-5/8 (19.4)	4-3/4 (12.1)	50 (127.0)
DMW (ARDP)	1, 2, 3	1, 2, 3	28T5, 32	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
DMW (ARDP)	1, 2	1, 2	54T5HO	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
DMW	2	2	48T8HO	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
DMW	1, 2	1, 2	96T8, 96T8HO	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)
TDMW	1, 2	2, 4	28T5, 54T5HO	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)
TDMW	1, 2, 3	2, 4, 6	28T5, 32	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for lamp compatibility.
- 2 Must use GEB10PS90 ballast.
- 3 Deep lens is standard on 4' 48T8HO, and on all 8' fixtures. To match deep appearance on all other 4' units, order ARDP lens.
- 4 Order accessories as separate catalog numbers.
- 5 For stainless steel, specify STS (example: BCD STS).
- 6 Must specify voltage.
- 7 For mounting up to 8' specify MSI8; for mounting up to 20' specify MSI20.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Intended for low to medium mounting heights where dust, dirt, humidity, moisture, or corrosive elements are present. Ideal for canopies, dock areas, wastewater treatment, refrigerated areas, and other non-hazardous environments.

Features

- Welded steel or aluminum housing is fully gasketed and post painted for corrosion resistance
- Captive, corrosion resistant pivot latches secure the diffuser. Cast zinc wet location fittings standard

- High-impact acrylic diffuser with a stippled interior surface to spread lamp range
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- For unit or row installation, surface (ceiling or wall) or suspended mounting

Listings

UL Listed for wet location in covered ceiling applications. CSA Certified (see Options). NOM Certified (see Options). For use in ambient temperatures -20°C to 25°C.

DMSW

Steel Housing

**ORDERING INFORMATION**

Specifications subject to change.

Example: DMSW 2 32 MVOLT GEB10IS

Series	Number of lamps ¹	Lamp type	Diffuser	Voltage
DMSW Wet location	1	28T5 28W T5 (46")	(blank) High-impact acrylic, 50% DR	MVOLT
For tandem double-length unit, add prefix T. Example: TDMS	2	32 32W T8 (48")	ARDP High-impact deep acrylic, 50 DR ³	120
	3	48T8HO 44W T8HO (48")		277
	Not included.	54T5HO 54W T5HO (46") ²		347
		96T8 59W T8 slimline (96")		
		96T8HO 86W T8HO 380mA (96")		

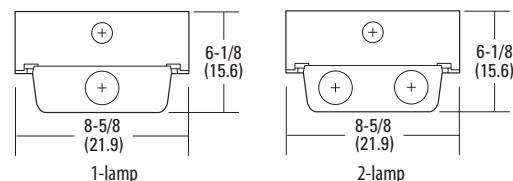
Ballast	Options
GEB10IS T8 electronic ballast, ≤10% THD, instant start	AL Aluminum housing
GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	WLF Field-installable wet location fittings to stem-hang DMS on 1/2" rigid conduit (2 per package). For factory-installed fittings on top, order WLF as an option.
GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	CSA Meets Canadian standards (347V only)
	NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH	DEPTH	LENGTH
DMS, DMSW	1, 2, 3	1, 2, 3	28T5, 32	8-5/8 (21.9)	5-1/4 (13.3)	51 (129.5)
DMS, DMSW	1, 2	1, 2	54T5HO	8-5/8 (21.9)	6-1/8 (15.6)	51 (129.5)
DMS, DMSW (ARDP)	1, 2, 3	1, 2, 3	28T5, 32	8-5/8 (21.9)	6-1/8 (15.6)	51 (129.5)
DMS, DMSW (ARDP)	1, 2	1, 2	54T5HO	8-5/8 (21.9)	6-1/8 (15.6)	51 (129.5)
DMS, DMSW	1, 2	1, 2	48T8HO	8-5/8 (21.9)	6-1/8 (15.6)	51 (129.5)
DMS, DMSW	1, 2	1, 2	96HO, 96T8	8-5/8 (21.9)	6-1/8 (15.6)	98-3/8 (248.9)
DMS, DMSW	2	2	96T8HO	8-5/8 (21.9)	6-1/8 (15.6)	98-3/8 (248.9)
TDMS, TDMSW	1, 2, 3	2, 4, 6	28T5, 32	8-5/8 (21.9)	6-1/8 (15.6)	98-3/8 (248.9)
TDMS, TDMSW	1, 2	2, 4	54T5HO	8-5/8 (21.9)	6-1/8 (15.6)	98-3/8 (248.9)
TDMS, TDMSW	2	4	48T8HO	8-5/8 (21.9)	6-1/8 (15.6)	98-3/8 (248.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp compatibility.
- Must be specified with GEB10PS90 ballast.
- Deep lens is standard on 4' 48T8HO, and on all 8' fixtures. To match deep appearance on all other 4' units, order ARDP lens.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Wet Location

LED WET LOCATION STRIPLIGHT



- Intended Use**
Ideal for damp/wet locations such as outdoor venues, canopies, and locker rooms.
- Features**
- Light gray, fully gasketed polycarbonate housing with stainless steel captive latches to provide a waterproof seal
 - 3/8" wet location fitting provided on one end
 - UV stabilized, high-impact, clear polycarbonate lens for maximum light output and high impact resistance

- High efficiency LEDs with 80% lumen maintenance at 60,000 hours
 - Mounting hardware for surface mounting to ceiling or wall (horizontally or vertically) included
 - Not designed for continuous row mounting or daisy chaining
- Listings**
UL and cUL Listed to U.S. and Canadian Safety Standards. For use in wet locations under covered ceilings. For use in ambient temperatures from -22°F (-30°C) to 77°F (25°C). IP65 rated.

CONTRACTOR
SELECT

ORDERING INFORMATION		Specifications subject to change.						Example: XWMLLED
Catalog number	UPC	Description	Lumens	Wattage	Color temperature	Pallet quantity	Standard carton quantity	
XWMLLED	753573956365	LED wet location striplight	1800	24	4000K, 88 CRI	18	1	

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

SPECIFICATIONS					
ALL DIMENSIONS ARE SHOWN IN INCHES (CENTIMETERS) UNLESS OTHERWISE NOTED					
LUMENS	LENGTH	WIDTH	DEPTH	WEIGHT	COMPARABLE LIGHT SOURCE
1800	47 - 1/2 (120.7)	2 3/8 (6.0)	3 (7.6)	4.4 lbs (2.0 kg)	1 - 32W T8

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Wet Location

WET LOCATION INDUSTRIAL



- Intended Use**
Designed for low to medium heights. Ideal for application where dirt, dust, humidity, moisture, and cold temperatures are present.
- Features**
- Rugged light gray polycarbonate housing with continuous poured gasket for an airtight seal, keeping out moisture, dust, and humidity
 - Cold rolled steel enclosed wireway included
 - UV stabilized, impact resistant, polycarbonate lens

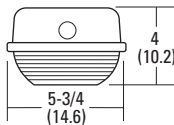
- 10 snap fit polycarbonate latches provide a tight seal between diffuser and housing
 - Standard electronic ballast, 120-277V, 60 Hz, ensures no flickering and quiet operation
 - Two stainless steel mounting brackets included, which allow for flush or chain mounting (chain not included)
- Listings**
UL Listed to U.S. and Canadian Safety Standards. UL Listed for 25°C ambient and wet locations. IP65 rated.

CONTRACTOR
SELECT

ORDERING INFORMATION		Specifications subject to change.			Example: XWL232 MV
Catalog number	Number of lamps	Lamp type	Voltage	Ballast	
XWL232 MV	2	32W T8	120 - 277	Electronic instant start	
XWL254 MV	2	54T5HO	120 - 277	Electronic program start	

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

The perfect replacement for HID high bay luminaires in cold storage applications. Typically located in retail, warehouse, industrial, commercial, and manufacturing areas. Typical mounting heights of 15' to 25'.

Features

- Channel, ends, and socket brackets are manufactured from 22-gauge cold rolled steel
- Lamp shielding is provided with a 22-gauge cold rolled steel, premium polyester powder coat finish
- Precision formed, high-performance, 95% total reflectance, segmented optics utilizing premium specular aluminum

- White reflectors have 93% total reflectance and are finished with a white polyester powder coat finish
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- May be offset mounted to a hard ceiling, suspended by chain or cable, or monopoint mounted (available on 4' fixture only) with appropriate accessories

Listings

Luminaire is bi-nationally listed (UL 1598 and CSA C22.2 No.250.0-00) and is suitable for damp locations down to -29°C (-20°F).

FFB**ORDERING INFORMATION**

Specifications subject to change.

Example: FFB164 6 54T5HO T1X20 ACL MVOLT 1/41/2 GEB10PS90 LP841

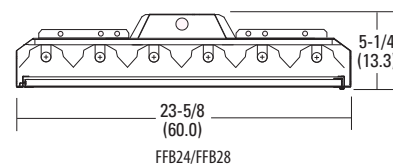
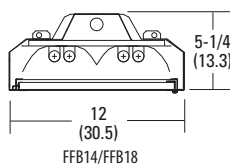
Series	Number of lamps ¹	Lamp type	Distribution/Reflector		Diffuser	Voltage
4 ft fixtures	2	32 32W T8 (48")	<u>Distribution</u>	<u>Distribution</u>	A12125 # 12 Pattern acrylic, 0.125"	MVOLT 120-277V
FFB14 1' x 4'	3	54T5HO 54W T5HO (46")	F1 Focus (0.9>5C) ^{2,3,4}	X20 Specular aluminum	ACL Clear acrylic, 0.125"	HVOLT 347-480V
FFB164 16" x 4'	4		T1 Task (0.9<1.2 SC)	D20 White powder coat ⁵	PCL125 Clear polycarbonate, 0.125"	
FFB24 2' x 4'	6		N1 Normal (1.2<1.4 SC)		A12 # 12 Pattern acrylic, 0.110"	
8 ft fixtures	8		S1 Spread (1.4<1.8 SC)			
FFB18 1' x 8'			B1 Broad (1.8< SC) ^{3,4}			
FFB168 16" x 8'						
FFB28 2' x 8'						

Ballast configuration	Ballast	Lamp color	Options
(blank) All 2-lamp ballasts ⁶	GEB10IS T8 electronic ballast, ≤10% THD, instant start, normal BF	(blank) No lamps	OUTCTR Wiring leads pulled through back center of fixture ⁷
1/3 One 3-lamp ballast	GEB10ISH T8 electronic ballast, ≤10% THD, instant start, high BF	LP830 85 CRI, 3000K, std. life	20GA 20-gauge steel construction
1/4 One 4-lamp ballast	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	LP835 85 CRI, 3500K, std. life	AB Double gasketing
1/4 1/2 One 4-lamp & one 2-lamp ballast	GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	LP841 85 CRI, 4100K, std. life	AL 20-gauge aluminum construction
2/3 Two 3-lamp ballasts		LP850 85 CRI, 5000K, std. life	WG Wireguard, 11-gauge, external mounting ⁸
2/4 Two 4-lamp ballasts			
3/4 Three 4-lamp ballasts			

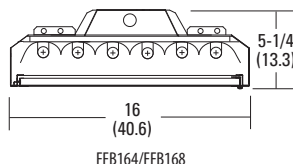
ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS				
SERIES	NUMBER OF LAMPS	WIDTH	HEIGHT	LENGTH
FFB14 / FFB18	2, 3, 4	12 (30.5)	5-1/4 (13.3)	48 (121.9) / 96 (243.8)
FFB164 / FFB168	4, 6	16 (40.6)	5-1/4 (13.3)	48 (121.9) / 96 (243.8)
FFB24 / FFB28	6, 8	23-5/8 (60.0)	5-1/4 (13.3)	48 (121.9) / 96 (243.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES	
ORDER SEPARATELY	
IBAC120 M20	10' adjustable aircraft cable, 2-hook Y hanger (one pair)
IBAC240 M20	20' adjustable aircraft cable, 2-hook Y hanger (one pair)
MHYTGB10	10' adjustable aircraft cable, 2-toggle Y hanger (one pair)
HBBS36	3' jack chain with hanger (one pair)
THSDZ3HB	Monopoint hanger, 3/4" hub (for 12" fixture - 4' only)
THSDZ4HB	Monopoint hanger, 3/4" hub (for 16" & 24" fixtures - 4' only)
THSDZ3SK	Side covers for monopoint hanger (for 12" fixture - 4' only)
THSDZ4SK	Side covers for monopoint hanger (for 16" & 24" fixture - 4' only)
FFBRMKN	Rigid-mount bracket (for 12" fixture)
FFBRMK	Rigid-mount bracket (for 16" and 24" fixtures)

**Notes**

- See Configurations table for lamp compatibility.
- Available with T5HO lamps ONLY.
- Not available with prismatic lens option.
- Not available with FFB164/8 (6L) or FFB24/8 (8L).
- Available with N1 (normal) distribution only.
- Not available in 4' fixtures with six or more lamps.
- Specify OUTCTR when monopoint hanger will be used.
- Must be factory installed.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

FHE LED

**Intended Use**

Ideal for use in food and beverage processing, cold storage, natatoriums, and garden centers. Fiberglass enclosure protects fixture while remaining easy to service and clean.

Features

- Replaces up to a 6-lamp 32W T8HO, 4-lamp 54W T5HO
- One piece SVA rated fiberglass housing with continuous poured in-place, closed cell gasket
- Tool-less ballast and wiring access
- Injection-molded impact resistant diffusers in acrylic or polycarbonate
- High efficiency driver operates 100V through 277V, 50/60Hz

- Expected service life of 60,000 hours 80,000 hours; predicted life of more than 100,000 hours
- Fixture can be ceiling or surface mounted; surface conduit entry provisions with water tight plugs are standard
- Stainless steel universal hanging clips included for suspension with aircraft cable (cable not included)

Listings

CSA Certified to UL and cUL standards for ambient temperatures for -22°F(-29°C) to -104°F(-40°C) depending on lumen package selected. NOM Certified (see Options). Suitable for wet locations. Covered ceiling not required to maintain wet location or IP ratings. IP65, IP66, and IP67 rated and certified to meet NSF splash Zone 2. NEMA 4X rated. 1500 PSI hose-down. DesignLights Consortium® qualified product.

**ORDERING INFORMATION**

Specifications subject to change.

Example: FHE LED 15L/57 FST

Series	Lumens /Color temperature ¹	Diffuser	Distribution	Voltage
FHE LED 15" x 52"	5L 5,000 lumens (blank) 4100K, (65 CRI)	(blank) Clear acrylic	(blank) General distribution	(blank) MVOLT; 120-277V
	7L 7,000 lumens 27 2700K, (85 CRI)	PCL Clear polycarbonate	SD Spread distribution ²	HVOLT; 347V-480V, 60HZ only
	9L 9,000 lumens 35 3500K, (85 CRI)	FST Frosted acrylic		120 120V
	12L 12,000 lumens 57 5700K, (70 CRI)			277 277V
	15L 15,000 lumens AMB Amber LEDs			347 347V (60HZ only)
				480 480V (60HZ only)

Options³

CS89	Cord set - NEMA type SE00W 16/3, 6', 600V, white, no plug, wet location ⁴	WLF	Wet location fitting (two pre-installed, 40" off centers)	MSI___	Wet location fitting 360° motion sensor pre-wired for ON/OFF operation ^{4,7,8}
CS89L12	Cord set - NEMA type SE00W 16/3, 12', 600V, white, no plug, wet location ⁴	WLFEND	Wet location fitting (open end)	TRS	Tamper-resistant Torx® T10 screws ⁹
CS88	Cord set-Brad Harrison 3P male straight 600V molded plug, 6' type ST00W yellow PVC cord, 16/3 ⁴	WLFEND2	Wet location fitting (both ends) ⁵	NOM	Meets Mexican standards
CS88L12	Cord set-Brad Harrison 3P male straight 600V molded plug, 12' type ST00W	L/SP	Less surge protector	DLC	DesignLights Consortium® qualified product ¹⁰
		DIM	Pre-wired for 0-10V low-voltage dimming (100-10%) ⁴		
		PMP	Pendant monopoint ⁶		
		MHKB	Stainless steel V-hook and brackets		

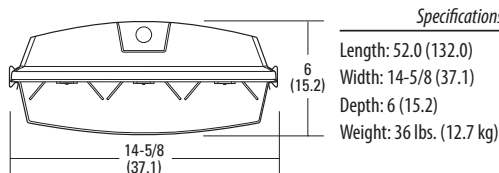
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

FHEMHKB	Stainless steel V-hook and brackets
FHEEMK	End mount suspension bracket ¹¹
FHERMK	Rigid mounting bracket
MHCH36	3' Double chain ¹²
LCF	Light/Glare control film
MHHK120	10' single leg aircraft cable ¹³
MHHK120SS	10' single leg aircraft cable, stainless steel ¹³
FHEACT120	10'Y-toggle aircraft cable
FHEACT240	20'Y-toggle aircraft cable
RK1T10DRV	Torx® T10 screwdriver for TRS option

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Length: 52.0 (132.0)
Width: 14-5/8 (37.1)
Depth: 6 (15.2)
Weight: 36 lbs. (12.7 kg)

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

LED SPECIFICATION MATRIX¹⁴

LUMENS	WATTS	LUMENS PER WATT	mA	NUMBER OF BOARDS	MAX. AMBIENT TEMPERATURE	RECOMMENDED LIGHT SOURCE COMPARISON
5,000	66	76	525	4	40°C	2-lamp 32W T8
						1-lamp 54W T5HO
7,000	86	81	350	8	40°C	100MH
						3-lamp 32W T8
9,000	118	76	525	8	40°C	2-lamp 54W T5HO
						4-lamp 32W T8
12,000	152	79	350	12	25°C	150MH
						3-lamp 54W T5HO
15,000	215	74	525	12	25°C	175MH
						6-lamp 32W T5HO
						4-lamp 54W T5HO
						250MH

- The CCT value provided is of lamp source and actual CCT will vary upon levels.
- Only available with 41K. Not available on 5L.
- For additional options consult factory.
- Cordsets, MSI___, and DIM options are not available on the same fixture. Combination of two only (ex. cordset and DIM, cordset and MSI___, etc.).
- Not available with cord, sensor or photocell options.
- Housing pre-drilled with WLF in center; additional support cables required.
- For mounting up to 8', specify MSI8; for mounting up to 20', specify MSI20; for mounting up to 40', specify MSI40.

- Must specify voltage.
- Stainless steel Torx® T10 screws with center reject pin.
- Please see specification sheet on www.lithonia.com for complete list of qualified products.
- Not available with HVOLT, 347, or 480.
- For use with MHKB option.
- For use with EMK option.
- Values based on 41K LEDs and clear acrylic lens. Calculations are estimated results for general informational purposes only. Results may vary depending on the application.

FHE

Intended Use

Ideal for use in food and beverage processing, cold storage, natatoriums, and garden centers. Fiberglass enclosure protects fixture while remaining easy to service and clean.

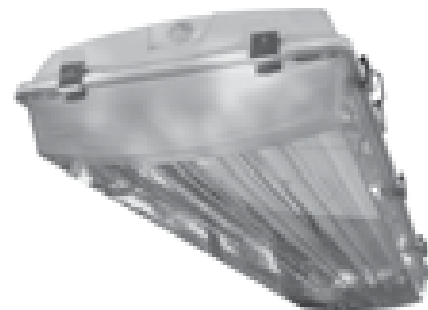
Features

- One piece 5VA rated fiberglass housing with continuous poured-in-place, closed cell gasket
- Tool-less ballast and wiring access
- Injection-molded impact resistant diffusers in acrylic or polycarbonate
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A

- Fixture can be ceiling or surface mounted; surface conduit entry provisions with water tight plugs are standard
- Stainless steel universal hanging clips included for suspension with aircraft cable (cable not included)

Listings

UL and cUL Listed to U.S. and Canadian Safety Standards. For use in wet locations with ambient temperatures up to 40°C (except 6 Lamp 54T5HO which is UL Listed for 30°C ambient temperatures. NOM Certified (see Options). Suitable for wet locations. Covered ceiling not required to maintain wet location or IP ratings. IP65, IP66, and IP67 rated and certified to meet NSF splash Zone 2. NEMA 4X rated. 1500 PSI hose-down.



ORDERING INFORMATION

Specifications subject to change.

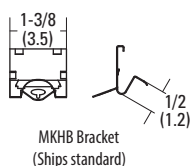
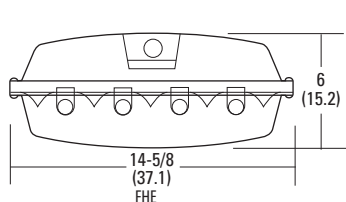
Example: FHE 654L ND

Series	Lamp type ¹						Diffuser		Distribution		Voltage			
FHE 15" x 4'	<u>T5HO lamps</u>			<u>T5 lamps</u>		<u>T8 lamps</u>		(blank)	Clear acrylic	<u>White ballast cover</u>		(blank)	MVOLT	
	254L	2-lamp	54W	228T5L	2-lamp	28W	232L	2-lamp	32W	PCL	Clear polycarbonate ²	(blank)	General distribution	HVOLT
	354L	3-lamp	54W	328T5L	3-lamp	28W	332L	3-lamp	32W	FST	Frosted acrylic	<u>Specular reflector</u>		
	454L	4-lamp	54W	428T5L	4-lamp	28W	432L	4-lamp	32W	ND Narrow distribution				
	654L	6-lamp	54W	628T5L	6-lamp	28W	632L	6-lamp	32W	SD Spread distribution				
Ballast configuration			Ballast			Lamp color ³			Options					
<u>T5HO/T5/T8</u>			(blank)	T8 electronic ballast, ≤10% THD, instant start, high BF			(blank)	85 CRI, 4100K, std. life	CS89	Cord set-NEMA type SE00W 16/3, 6', 600V, white, no plug, wet location				
(blank)	All 2-lamp ballasts		GEB10IS	T8 electronic ballast, ≤10% THD, instant start, normal BF			LP830	85 CRI, 3000K, std. life	LP835	85 CRI, 3500K, std. life	CS89L12	Cord set-NEMA type SE00W 16/3, 12', 600V, white, no plug, wet location		
<u>T5HO/T8</u>			GEB10PS90	54T5HO electronic ballast, ≤10% THD, programmed rapid start			LP850	85 CRI, 5000K, std. life	EL14DW	Wet location battery pack (1400 lumens) ⁴				
1/3	One 3-lamp ballast									TR5	Tamper-resistant screws ⁵			
1/4	One 4-lamp ballast								MHKB	Stainless steel v-hook				
1/4 1/2	One 4-lamp & one 2-lamp ballast		GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start						RMK	Rigid mount kit			
2/3	Two 3-lamp ballasts								SMB	Surface mounting bracket				
									MSI_	Wet location occupancy sensor pre-wired ^{4,6}				
									NOM	Meets Mexican standards				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Length: 52.0 (132.0)
Width: 14-5/8 (37.1)
Depth: 6 (15.2)
Weight: 36 lbs. (12.7 kg)

Notes

- 1 To order fixtures WITHOUT pre-installed lamps, remove the "L" from the description (example: FHE 454).
- 2 Recommended for school and gymnasium applications.
- 3 Alternate lamp color needed only if pre-installed lamps are provided.
- 4 Must specify voltage.
- 5 Stainless steel TORX® T10 screws with center reject pin.
- 6 For mounting up to 20' specify MSI20, for mounting up to 40' specify MSI40. Sensor is IP65 rated but not rated for high-pressure hose-down.

FHH

**Intended Use**

Ideal for use in cold storage, food processing, manufacturing, and industrial environments. Durable fixture design will perform well in rugged environments.

Features

- Channel, ends, and socket brackets are manufactured from 20-gauge aluminum
- Provided with a 20-gauge aluminum, premium polyester powder coat finished doorframe with (12) stainless steel captive bolts and double gasketing around doorframe and lens

- Impact resistant acrylic or polyester lenses available
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Fixture can be suspended mounted with aircraft cable or chain using appropriate mounting accessories

Listings

UL and cUL Listed to U.S. and Canadian Safety Standards for ambient operation up to 30°C (85°F). Suitable for wet location. IP55 rated and certified to meet NSF Splash Zone 2. 1300 PSI hose-down. NOM Certified (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: FHH164 454L ND

Series	Lamp type ^{1,2}			Diffuser		Distribution	Voltage
FHH14	1' x 4'	<u>T5HO lamps</u>	<u>T5 lamps</u>	<u>T8 lamps</u>	(blank) Clear acrylic, 0.125"	<u>White ballast cover</u>	(blank) MVOLT (120-277V)
FHH164	16" x 4'	254L 2-lamp 54W	228T5L 2-lamp 28W	232L 2-lamp 32W	PCL Clear polycarbonate, 0.125" ^{1,2}	(blank) General distribution	HVOLT 347-480V
FHH24	2' x 4'	354L 3-lamp 54W	328T5L 3-lamp 28W	332L 3-lamp 32W		<u>Specular reflector</u>	
		454L 4-lamp 54W	428T5L 4-lamp 28W	432L 4-lamp 32W		ND Narrow distribution	
		654L 6-lamp 54W		632L 6-lamp 32W		SD Spread distribution	

Ballast configuration	Ballast	Lamp color ⁴	Options
<u>T5HO/T5/T8</u>	(blank) T8 electronic ballast, ≤10% THD, instant start, high BF	(blank) 85 CRI, 4100K, std. life	(blank) Cord set--NEMA type SE00W 16/3, 6', 600V, white, no plug, wet location
(blank) All 2-lamp ballasts	GEB10IS T8 electronic ballast, ≤10% THD, instant start, normal BF	LP830 85 CRI, 3000K, std. life	CS89L12 Cord set--NEMA type SE00W 16/3, 12', 600V, white, no plug, wet location ³
<u>T5HO/T8</u>		LP835 85 CRI, 3500K, std. life	L/CS89 No cord provided ⁵
1/3 One 3-lamp ballast ³	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	LP850 85 CRI, 5000K, std. life	EL14DW Wet location battery pack (1400 lumens)
1/4 One 4-lamp ballast ³	GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start		TRS Tamper-resistant screws ^{6,7}
1/4 1/2 One 4-lamp & one 2-lamp ballast ³			HHK Stainless steel v-hook
2/3 Two 3-lamp ballasts ³			RMK Rigid mount kit
			NOM Meets Mexican standards
			DL Damp Location ⁸

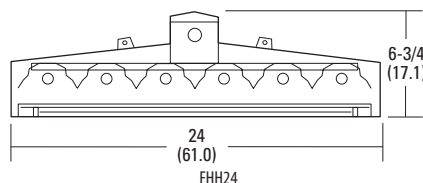
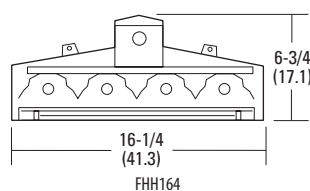
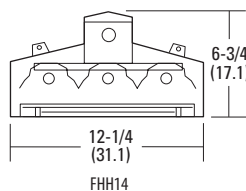
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NUMBER OF LAMPS	WIDTH	HEIGHT	LENGTH
FHH14	2, 3	12-1/4 (31.1)	6-3/4 (17.1)	48 (121.9)
FHH164	4, 6	16-1/4 (41.3)	6-3/4 (17.1)	48 (121.9)
FHH24	4, 6	24 (61.0)	6-3/4 (17.1)	48 (121.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- To order fixtures WITHOUT pre-installed lamps, remove the "L" from the description (example: FHE 454).
- Recommended for school and gymnasium applications.
- Not available with T8/T5 lamping.
- Alternate lamp color needed only if pre-installed lamps are provided.
- Must be ordered with DL option.
- Must specify voltage.
- Stainless steel TORX® T10 screws with center reject pin.
- Required for non-wet location listed options. Such as cordsets, CS11W or CS1, L/CS89, or battery packs such as EL14.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

EFT
Tough Task™



Intended Use

Intended for low to medium mounting heights in demanding applications including hose-down and food processing areas requiring ease of cleanability, compliance to FDA/USDA requirements and NSF splash-zone certification. Applications include meat/poultry/food/beverage processing, cosmetics, pharmaceuticals and other non-hazardous environments including carwash applications.

Features

- Totally enclosed fixture features a tubular acrylic, high impact lens surrounding an aluminum channel
- Stainless steel end caps feature silicone o-ring closed cell gaskets

- Aluminum channel is finished with a high-gloss, baked white polymeric powder finish
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Supplied with 5' power cord
- Includes stainless steel aircraft cable and s-hooks for suspended mounting

Listings

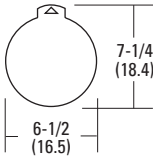
UL and cUL Listed to U.S. and Canadian Safety Standards for ambient operation up to 30°C (85°F). Suitable for wet location. IP55 rated and certified to meet NSF Splash Zone 2. 1300 PSI hose-down. NOM Certified (see Options).

Example: EFT 2 32 MVOLT GEB10IS

ORDERING INFORMATION		Specifications subject to change.						
Series	Number of lamps	Lamp type		Voltage	Ballast		Options	
EFT	2	32	32W T8 (48")	120	GEB10IS	T8 electronic ballast, ≤10% THD, instant start	Shipped installed in fixture	
TEFT	Not included.	48T8HO	44W T8 (48")	277	GEB10RS	T8 electronic ballast, ≤10% THD , programmed rapid start (347V only)	ELDW	Wet location battery pack (300 lumens) ²
		54T5HO	54W T5HO (46") ¹	347	GEB10PS90	T5HO 90° electronic ballast, ≤10% THD , programmed rapid start	EL14DW	Wet location battery pack (1400 lumens) ²
		96T8HO	86W T8HO 380mA (96")	MVOLT		Electronic ballast, ≤10% THD , programmed rapid start	GLR	Internal fast-blow fusing ²
							CSA	Meets Canadian standards (347V only)

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

- Notes
- 1 Must be specified with GEB10PS90 ballast.
 - 2 Must specify voltage.

EIS/EISC EFS/EFSC

Tough Task™



Intended Use

Intended for demanding areas such as dust or hose-down (EIS) and food processing (EFS) applications. Applications include EIS: docks, marine environments, heavy industrials and other non-hazardous environments; EFS: food/beverage processing, cosmetics and pharmaceuticals.

Features

- Fully gasketed, totally enclosed fixture formed of heavy-duty aluminum construction
- Clear prismatic, injection molded high-strength acrylic diffuser (polycarbonate optional) on EIS/EISC
- Diffuser retained to housing with stainless steel fasteners

- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- For unit or row installation, surface (ceiling or wall) or suspended

Listings

UL Listed to U.S. and Canadian Safety Standards. 25°C ambient temperature rating and wet locations. EIS: IP65 rated for protection against the ingress of water and contaminants. EFS: IP65 rated for the protection against the ingress of water and contaminants. Food Zone Non-Contact certified and meets FDA/USDA guidelines (standard).

ORDERING INFORMATION

Specifications subject to change.

Example: EIS 2 32 MVOLT GEB10IS

Series	Number of lamps ¹	Lamp type	Diffuser	Voltage	Ballast configuration
EIS Enclosed industrial (wide)	1	28T5 28W T5 (46")	(blank) Prismatic acrylic	MVOLT	(blank) Standard configuration
EISC Enclosed industrial (narrow)	2	32 32W T8 (48")	PCL Prismatic polycarbonate ³	120	1/3 One 3-lamp ballast (T8 only)
EFS Enclosed food service (wide)	Not included	54T5HO 54W T5HO (46") ²		277	
EFSC Enclosed food service (narrow)				347	
Ballast		Options			
GEB10IS	T8 electronic ballast, ≤10% THD, instant start	ELDW	Wet location battery pack (300 lumens) ^{4,5}	STSW	Stainless steel housing, white
GEB10RS	T8 electronic ballast, ≤10% THD, programmed rapid start (347V only)	EL14DW	Wet location battery pack (1400 lumens) ^{4,5}	STS	Stainless steel housing, natural
GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start	GLR	Internal fast-blow fusing; must specify voltage ⁴	CSA	Meets Canadian standards (347V only)
GEB10PS90	T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	RIF1	Radio interference filter, one per fixture ⁶		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

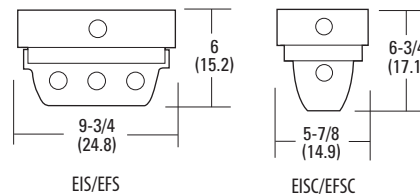
SERIES	NUMBER OF LAMPS	LAMP TYPE	WIDTH	DEPTH	LENGTH
EIS	2, 3	28T5, 32	9-3/4 (24.8)	6 (15.2)	48 (121.9)
EIS	2	54T5HO	9-3/4 (24.8)	6 (15.2)	48 (121.9)
EFS	2, 3	28T5, 32, 54T5HO	9-3/4 (24.8)	6 (15.2)	48 (121.9)
EISC	1	28T5, 32, 54T5HO	5-7/8 (14.9)	6-3/4 (17.1)	48 (121.9)
EFSC	1	28T5, 32, 54T5HO	5-7/8 (14.9)	6-3/4 (17.1)	48 (121.9)

ACCESSORIES

ORDER SEPARATELY

WLF Wet location fittings (one pair, not installed)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- See Configurations table for lamp compatibility.
- Must be specified with GEB10PS90 ballast.
- Not available with EFS or EFSC.
- Must specify voltage.
- Luminaires ordered with DW option (example: EL5DW), will bear the UL emergency lighting equipment label for damp or wet locations. Available only with T8 lamp types.
- For one filter per ballast, specify RIF2.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

General area illumination for food processing and hose-down applications requiring ease of cleanability, compliance to FDA/USDA requirements and/or NSF splash-zone or non-food zone certification.

Features

- Vertically seamed, heavy duty, die-cast copper free(<0.4%) aluminum ballast housing
- Meets FDACFR21.175.300 for resinous and polymeric coatings
- PA25ALEF: Enclosed and gasketed, injection molded, UV stabilized, virgin acrylic reflector and flat lens
- A30F: anodized aluminum and UV-stabilized virgin acrylic lens; Gasketed reflector and lens inhibit entrance of contaminants
- Six stainless steel positive latch reflector clips and stainless steel lens ring allow access for maintenance and cleaning
- HPS: Constant wattage auto transformer; gasketed refractor and reflector inhibit the entrance of ambient contaminants

- MH: 175-400W fixtures shipped within the U.S. require 88% efficient super CWA pulse start ballasts and are EISA-legislation compliant (must specify SCWA option)
- CSA, NOM or INTL options required for probe start shipments outside the U.S.
- Vertically oriented mogul base protected exclusionary "PINK" socket with copper alloy, nickel-plated screw shell and center contact (for use with O-rated, protected metal halide lamps only)
- Ships standard with cast splice box to ensure structural integrity
- Splice box mounts to 3/4" pendant conduit

Listings

UL Listed for -30°C to 55°C ambient operations and wet locations. IP65 rated. Suitable for high pressure hose-down up to 1200 psi. NSF international certified splash zone and meets FDA/USDA guidelines. UL Listed to U.S. and Canadian Safety Standards. NOM Listed (see Options).

TXF PA25ALEF TXF A30F

Acrylume® and Hi-Tek®



ORDERING INFORMATION

Specifications subject to change.

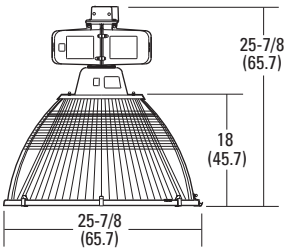
Example: TXF 400MP A30F TB SCWA

Series	Lamp type	Reflector	Voltage	Ballast	Options
TXF	Protected metal halide	PA25ALEF	120	Pulse start metal halide	SF Single fusing (120, 277, 347V) ⁷
	175MP	A30F	208 ^{1,2}	For shipments to U.S. territories, SCWA must be specified to comply with EISA.	DF Double fusing (208, 240, 480V) ⁷
	200MP		240 ^{1,2,3}	SCWA Super constant wattage autotransformer	EC Emergency circuit ^{8,9,10}
	250MP		277	RLB Regulated lag ballast	QRS Quartz restrike system ^{8,9,10}
	320MP		347	Non-EISA ballast	HC3PC3RWT Wet location hook, 3' cord, plug, and receptacle; IP67 rated ^{7,11}
	400MP		480 ^{1,2}	(blank) Standard magnetic ballast ^{5,6}	NOM Meets NOM standards
			TB ⁴	CWI Constant wattage isolated ^{5,6}	CSA Meets Canadian Safety Standards
			TBV	MRB Magnetic regulator	
				SCWI Isolated SCWA ^{5,6}	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- Requires CSI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 220V and 240V 50Hz and 60Hz ballasts available for use with U.S. protected metal halide and high pressure sodium lamps.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada).
- Available for shipments outside of U.S. only.
- 400W metal halide only.
- Must specify voltage.
- See QRS Lamp Wattage Table for maximum lamp wattage.
- Option is not field installable, must be factory installed.
- Lamp not included.
- 20A standard on 480V.

SRT

**Intended Use**

Suitable for use in ISO 7 (Class 100,000) cleanroom applications. Ideal for medical and cleanroom changing areas and surgical suites.

Features

- Available for use with T-bar or dry/plaster ceiling
- Code gauge steel housing is completely sealed with silicone caulk to prevent passage of particles into or out of fixture
- Door frame is hinged and cam latched from either side for easy maintenance

- Lens available to meet a variety of needs

- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A

Listings

UL and cUL Listed. NOM Certified (see Options). UL Listed and labeled for wet locations for covered ceiling installations. Tested in compliance with the International organization for standardization (ISO) Worldwide Contamination Classification. IP65 rated.

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2SRT G 3 32 FW A12125V MVOLT 1/3 GEB10IS

Series	Trim	Number of lamps ²	Lamp type	Door	Shielding ⁴	Voltage	Ballast configuration
SRT 1' wide	G Grid, 1" to 1-1/2" wide tee	1	17 17W T8 (24")	FW Aluminum inset, white	A12125V #12 pattern acrylic, .125" thick, inverted	MVOLT 120	(blank) Standard configuration
2SRT 2' wide	G20 Grid, 2" wide tee ¹	2	28T5 28W T5 (46")	FN Aluminum inset, natural	PCL12125V #12 pattern polycarbonate, .125" thick, inverted	277	1/3 One 3-lamp ballast
	F Overlapping flange	3	U31 31W T8-U (24", 1-5/8" leg)		SYA PSI symmetric/asymmetric acrylic	347	1/4 One 4-lamp ballast
		4	U316 31W T8-U (24", 6" leg)		SYAR PSI symmetric/asymmetric acrylic with radio filter grid ⁵		1/4 1/2 One 4-lamp ballast and 2-lamp ballast
		6	32 32W T8 (48")				2/3 Two 3-lamp ballasts
		Not included.	54T5HO 54W T5 (46") ³				

Ballast

GEB10IS	T8 electronic ballast, ≤10% THD, instant start
GEB10RS	T8 electronic ballast, ≤10% THD, programmed rapid start
GEB10PS	T5 electronic ballast, ≤10% THD, programmed rapid start
GEB10PS90	T5HO 90° electronic ballast, ≤10% THD, programmed rapid start

Options⁶

ABC	Triple neoprene gasketing (frame, lens and housing)
FPA	Suitable for food-processing areas; meets USDA and FDA requirements ⁷
LG	Additional lens gasketing, neoprene
LPD	Suitable for low-pressure hosedown, up to 100 psi ⁸

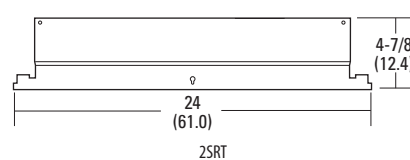
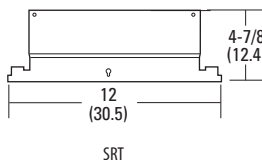
CSA	Meets Canadian standards
NOM	Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	DEPTH ⁹
1' x 2'	SRT	1, 2, 3	17	4-7/8 (12.4)
1' x 2'	SRT	2	U31	4-7/8 (12.4)
1' x 4'	SRT	1, 2, 3	32	4-7/8 (12.4)
1' x 4'	SRT	1, 2, 3	28T5, 54T5HO	4-7/8 (12.4)
2' x 2'	2SRT	2, 3, 4, 6	17	4-7/8 (12.4)
2' x 2'	2SRT	2, 3	U31, U316	4-7/8 (12.4)
2' x 4'	2SRT	2, 3, 4, 6	32	4-7/8 (12.4)
2' x 4'	2SRT	2, 3, 4	28T5, 54T5HO	4-7/8 (12.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Ceiling Type	Appropriate Trim Type
Exposed grid, 1-1/2" wide tee, up to 1-1/2" tall	G
Exposed grid, 1-1/2" wide tee, up to 2" tall	G10
Exposed grid, 2" tee, up to 2" tall	G20
Acoustical tile, plaster or plasterboard on rigid support parallel to lamps	F

Notes

- 1 Not available for 1' x 2' and 1' x 4'.
- 2 See Configurations table for lamp compatibility.
- 3 Must be specified with GEB10PS90 ballast.
- 4 Only pattern #12 shielding will ship inverted standard and is indicated by a V. Example: A12125V.
- 5 Not available with lens gasketing.
- 6 See www.lithonia.com for additional options.
- 7 Must specify LPD and additional gasketing (i.e. LG).
- 8 Requires minimum .125" thick lens and gasketing.
- 9 Flanged fixture heights is 5-3/4" (14.6).

Intended Use

Suitable for use in ISO 5 (Class 100) and ISO 6 (Class 1,000) cleanroom applications. Ideal for electronic assembly, pharmaceutical processing, semi-conductor manufacturing, bio-research or chemical labs, aerospace, the medical industry and surgical suits.

Features

- Available for use with T-bar or dry/plaster ceiling
- Code gauge steel housing is completely sealed with silicone caulk to prevent passage of particles into or out of fixture
- Doorframe is secured to housing by 8 stainless steelcounter-sunk, captive screws



- Lenses feature internal prisms to maintain a smooth, easy to clean outer surface
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A

Listings

UL Listed. CSA Certified or NOM Certified (see Options).
UL Listed and labeled for wet locations in covered ceiling installations. Tested in compliance with the International Organization for Standardization (ISO) Worldwide Contamination Classification. UL Listed for 25°C ambient temperatures.

SRH**ORDERING INFORMATION**

Specifications subject to change.

Example: SRH G 2 32 FSF A12125V MVOLT GEB10IS

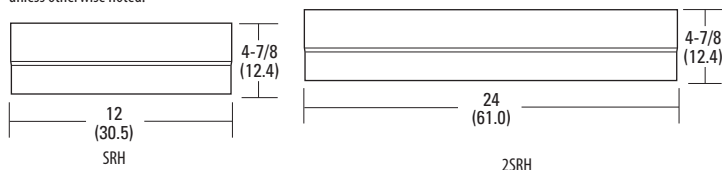
Series	Trim	Number of lamps ²	Lamp type	Door	Shielding ⁵
SRH 1' wide	G Grid, 1" to 1-1/2" wide tees	1	17 17W T8 (24")	FSF Steel full, white	A12125V #12 pattern acrylic, .125" thick, inverted
2SRH 2' wide	F Overlapping flanged	2	28T5 28W T5 (46")	FSSF Stainless full, natural	A12156V #12 pattern acrylic, .156" thick, inverted
For CF lamps in tandem, add prefix T. Example T2SRH	G20 Grid, 2" wide tee ¹	3	U31 31W T8-U (24", 1-5/8" leg)	FSSFW Stainless full, white	PCL12125V #12 pattern polycarbonate, .125" thick, inverted
		4	U316 31W T8-U (24", 6" leg)	FWF Aluminum full, white	SYA PSI symmetric/asymmetric acrylic
		6	32 32W T8 (48")	FW Aluminum inset, white ⁴	SYAR PSI symmetric asymmetric acrylic with radio filter grid
		Not included.	CF40 40W T5 (24")	FN Aluminum inset, natural ⁴	T73V #73 patterned tempered glass 0.190" thick, inverted
			54T5HO 54W T5HO (46") ³	FSS Stainless inset, natural ⁴	
				FSSW Stainless inset, white ⁴	

Voltage	Ballast configuration	Ballast	Options
MVOLT	(blank) Standard configuration	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	AL Painted aluminum housing, white
120	1/3 One 3-lamp ballast	GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed rapid start (347V only)	FPA Suitable for food-processing areas; meets USDA, FDA requirements ⁶
277	1/4 One 4-lamp ballast	GEB10PS T5 electronic ballast, ≤10% THD, programmed rapid start	HPD Suitable for high pressure hose-down up to 200 psi ⁶
347	1/4 1/2 One 4-lamp ballast and 2-lamp ballast	GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	STSW Stainless steel housing, white
	2/3 Two 3-lamp ballasts		CSA Meets Canadian standards
			NOM Meets Mexican standards
			DWAM Antimicrobial white powder paint

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	DEPTH ⁷
1' x 2'	SRH	1, 2, 3	17	4-7/8 (12.4)
1' x 2'	SRH	2	U31	4-7/8 (12.4)
1' x 2'	SRH	2	CF40	4-7/8 (12.4)
1' x 4'	SRH	1, 2, 3	32	4-7/8 (12.4)
1' x 4'	SRT	1, 2, 3	28T5, 54T5HO	4-7/8 (12.4)
2' x 2'	2SRH	2, 3, 4, 6	17	4-7/8 (12.4)
2' x 2'	2SRH	2, 3	U31, U316	4-7/8 (12.4)
2' x 2'	2SRH	2, 3	CF40	4-7/8 (12.4)
2' x 4'	2SRH	2, 3, 4, 6	32	4-7/8 (12.4)
2' x 4'	2SRH	2, 3, 4	28T5, 54T5HO	4-7/8 (12.4)
2' x 4'	T2SRH	2, 3, 4	CF40	4-7/8 (12.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not available for 1' x 2' or 1' x 4' fixtures.
- See Configurations table for lamp compatibility.
- Must be specified with GEB10PS90 ballast.
- For use with grid-mounted fixtures only.
- When "V" is added to end of shielding nomenclature, shielding will ship inverted in doorframe.
- Must specify lens thickness of at least .156" and HPD.
- Flanged fixture depth is 5" (12.7cm).

SSH

**Intended Use**

Suitable for use in ISO 5 (Class 100) and ISO 6 (Class 1,000) cleanroom applications. Ideal for electronic assembly, pharmaceutical processing; semiconductor manufacturing, chemical labs, medical facilities, and surgical suites.

Features

- Surface mounted modular frame suitable for all standard ceiling types
- Code gauge steel housing is completely sealed with silicone caulk to prevent passage of particles into or out of fixture
- Door frame is hinged to housing by stainless steel, braided cable for easy maintenance

- Lenses feature internal prisms to maintain smooth, easy-to-clean outer surface
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A

Listings

UL Listed for 25°C ambient temperatures. CSA Certified or NOM Certified (see Options). UL Listed and labeled for wet locations for covered ceiling installations. Tested in compliance with the International Organization for Standardization (ISO) Worldwide Contamination Classification.

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2SSH 3 32 FW A12125V MVOLT 1/3 GEB10IS

Series	Number of lamps ¹	Lamp type	Door	Shielding ³	Voltage
SSH 1' wide	1	17 17W T8 (24")	FSF Steel full, white	A12125V #12 pattern acrylic, .125" thick, inverted	MVOLT
2SSH 2' wide	2	28T5 28W T5 (46")	FSSF Stainless full, natural	A12156V #12 pattern acrylic, .156" thick, inverted	120
	3	U31 31W T8-U (24", 1-5/8" leg)	FSSFW Stainless full, white	PCL12125V #12 pattern polycarbonate, .125" thick, inverted	277
	4	U316 31W T8-U (24", 6" leg)	FWF Aluminum full, white	SYA PSI symmetric/asymmetric acrylic	347
	6	32 32W T8 (48")	FW Aluminum inset, white	SYAR PSI symmetric/asymmetric acrylic with radio filter grid	
	Not included.	CF40 40W T5 (24")	FN Aluminum inset, natural	T73V #73 patterned tempered glass 0.190" thick, inverted	
		54T5HO 54W T5 (46") ²	FSS Stainless inset, natural		
			FSSW Stainless inset, white		

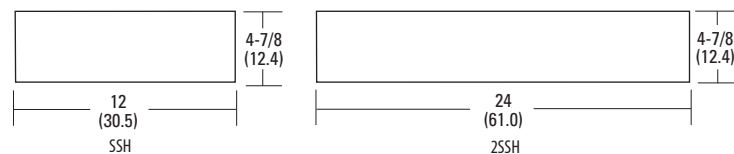
Ballast configuration	Ballast	Options
(blank) Standard configuration	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	AL Painted aluminum housing, white
1/3 One 3-lamp ballast	GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed rapid start (347V only)	FPA Suitable for food-processing areas; meets USDA, FDA requirements ^{4,5}
1/4 One 4-lamp ballast	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	HPD Suitable for high-pressure hose-down up to 200 psi ⁴
1/4 1/2 One 4-lamp ballast and 2-lamp ballast	GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	GLR Internal fast-blow fusing
2/3 Two 3-lamp ballasts		GMF Internal slow-blow fusing
		STS Stainless steel housing, natural
		STSW Stainless steel housing, white
		CSA Meets Canadian standards
		NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	DEPTH
1' x 2'	SSH	1, 2, 3	17	4-7/8 (12.4)
1' x 2'	SSH	2	U31	4-7/8 (12.4)
1' x 2'	SSH	2	CF40	4-7/8 (12.4)
1' x 4'	SSH	1, 2, 3	32	4-7/8 (12.4)
1' x 4'	SSH	1, 2, 3	28T5, 54T5HO	4-7/8 (12.4)
2' x 2'	2SSH	2, 3, 4, 6	17	4-7/8 (12.4)
2' x 2'	2SSH	2, 3	U31, U316	4-7/8 (12.4)
2' x 2'	2SSH	2, 3	CF40	4-7/8 (12.4)
2' x 4'	2SSH	2, 3, 4	32	4-7/8 (12.4)
2' x 4'	2SSH	2, 3, 4	2855, 54T5HO	4-7/8 (12.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for lamp compatibility.
- 2 Must be specified with GEB10PS90 ballast.
- 3 "V" in shielding nomenclature indicates shielding will ship inverted in door frame.
- 4 Must specify lens thickness of at least .156."
- 5 Must specify HPD.

STP

Intended Use

Suitable for use in ISO4 (Class 10) and ISO5 (Class 100) cleanroom applications.

Features

- Die formed 20-gauge cold-rolled steel housing
- End caps retain and securely hold diffuser in high vibration and airflow environments
- White polyester powder paint finish
- One piece, extruded, white acrylic diffuser with internal linear prisms for optimal light control

- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- For surface mounting to 2" wide T-bar for row mounting, white aluminum runbands and fasteners are included

Listings

120V/277V and MVOLT are UL Listed and cUL Listed. 347 volt is cUL Listed to Canadian Safety Standards. Tested in compliance with the International Organization for Standardization (ISO) Worldwide Contamination Classification. For use 25°C ambient temperature and dry location applications.

**ORDERING INFORMATION**

Specifications subject to change.

Example: STP 1 32 MVOLT GEB10IS

Series	Number of lamps	Lamp type	Diffuser	Voltage	Ballast	Options
STP 48" long	1	28T5 28W T5 (46")	(blank) White acrylic	MVOLT	GEB10IS T8 electronic ballast, ≤10% THD, instant start	GLR Internal fast-blow fuse ²
TSTP 96" long ¹	Not included.	32 32W T8 (48")	ACR Clear acrylic	120	GEB10PS90 54T5HO electronic ballast ≤10% THD, programmed rapid start	GMF Internal slow-blow fuse ²
		54T5HO 54W T5HO (46")		277	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	RIF1 Radio interference filter (one per fixture)
				347		STSW Stainless steel housing, white
						AL Aluminum housing, white
						CSA Meets Canadian standards (347V only)

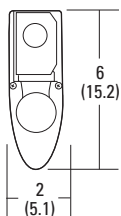
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

STPEP	Pair of cold-rolled steel end caps, white
STPEP AL	Pair of aluminum end caps, white
STPEP STSW	Pair of stainless steel end caps, white

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Two lamps (in-tandem) per fixture.
- 2 Must specify voltage.

VGRC LED



Intended Use

Architectural low-profile luminaire provides general illumination for rough service (vandal resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- One-piece, die-cast aluminum, low copper alloy (<1% copper) housing
- Utilizes high-efficiency LEDs mounted to 2 metal core circuit boards
- 2 electronic drivers wired in series allows total power to be reduced by half while maintaining even illumination across the 2 boards

- Available with polycarbonate or glass lenses
- Internal reflector is high-reflectance white powder coat perimeter for maximum light output
- Standard finish is textured polyester powder coat in white, black or bronze
- Unit may be ceiling or wall mounted

Listings

UL Listed to U.S. and Canadian Safety Standards (see Options). NOM Certified (see Options). For use in 25°C ambient temperatures and wet locations. IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

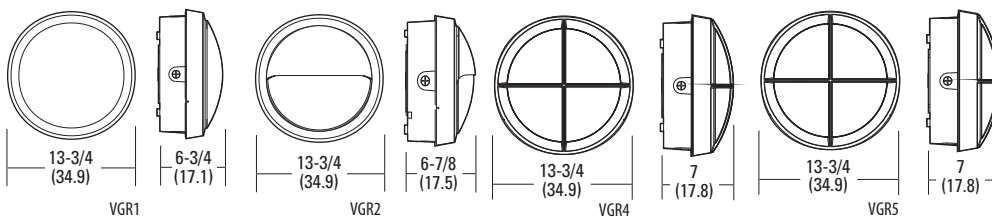
Example: VGR1C 50LED 120 DWHG SF LPI

Series	Lumen output ¹ /Color temperature ²		Lens	Voltage	Paint finishes ³	Options	Lamp
VGR1C	Lumen output ¹	Color temperature ²	(blank) Polycarbonate	MVOLT	Standard textured finishes	Shipped installed in fixture	LPI Lamp included
VGR2C	50LED 50W	(blank) 3500K	GL Borosilicate glass	120	DWHG White	DF Double fuse ⁴	LPIAMB Amber LEDs
VGR4C	40LED 40W	41 4100K		277	DBLB Black	SF Single fuse	
VGR5C					DDBT Dark bronze	DS Dual switching	
					DNAT Natural aluminum	MSI8 Wet location motion sensor ⁵	
					DSST Sandstone	PE Photoelectric cell ^{6,7}	
						TRS Tamper-resistant screws ⁸	
						VGRDS Decorative shroud ^{9,10}	
						NOM Meets Mexican standards	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



LED SPECIFICATION MATRIX

System watts	Initial delivered lumens through polycarbonate lens*		Initial delivered lumens through glass lens*		mA	Ambient temperature °C
	3500K	4100K	3500K	4100K		
50	1785	2490	1265	1770	700	30
40	1320	1970	930	1390	500	30

* 3500K and 4100K are LED CCTs.

ACCESSORIES

ORDER SEPARATELY

RK1 T10DRV	Torx TX10 screwdriver, for use with Gateway set screws.
RK1 T20BIT	Hex-base driver bit, Torx TX20, for tamper-resistant screws with center reject pin.
RK1 T20DRV	Torx TX20 screwdriver for use with tamper-resistant screws with center reject pin.
VGRDS XXX	Decorative shroud ^{10,11}

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Refer to table.
- 2 The CCT value provided is of lamp source and actual CCT will vary upon power levels.
- 3 For additional colors, refer to Architectural Paint brochure.
- 4 Must specify DS option.
- 5 Provided with lens for mounting up to 8'.
- 6 Must specify voltage. Not available with MVOLT.
- 7 Not available with DS option.
- 8 T-20 screws with center reject pin.
- 9 Color will be the same as the bezel.
- 10 Maximum operating ambient temperature is 25°C when using this accessory.
- 11 Must specify color (Example: VGRDS DWHG).

Intended Use

Architectural low-profile luminaire provides general illumination for rough service (vandal resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- One-piece, die-cast aluminum, low copper alloy (<1% copper) housing
- Utilizes high-efficiency LEDs mounted to 2 metal core circuit boards
- 2 electronic drivers wired in series allows total power to be reduced by half while maintaining even illumination across the 2 boards

- Available with polycarbonate or glass lenses
- Internal reflector is high-reflectance white powder coat perimeter for maximum light output
- Standard finish is textured polyester powder coat in white, black or bronze. Optional architectural colors available (see options)
- Unit may be ceiling or wall mounted

Listings

UL Listed to U.S. and Canadian Safety Standards (see Options). NOM Certified (see Options). For use in 25°C ambient temperatures and wet locations. IP65 rated.

VGOC LED

**ORDERING INFORMATION**

Specifications subject to change.

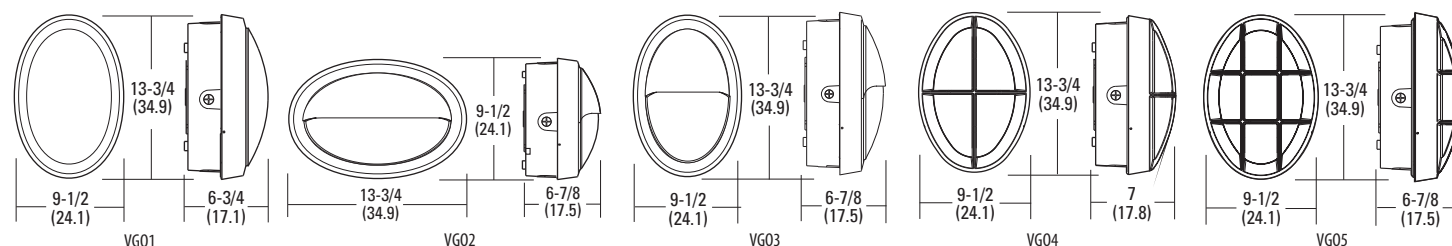
Example: VG01C 40LED 120 DBLB SF LPI

Series	Lumen output ¹ /Color temperature ²		Lens		Voltage	Paint finishes ³		Options		Lamp		
VG01C	Lumen output ¹		Color temperature ²		(blank)	Polycarbonate		120	Standard textured finishes		Shipped installed in fixture	
VG02C	40LED	40W	(blank)	3500K	GL	Borosilicate glass		277	DWHG	White	DF	Double fuse ^{4,5}
VG03C	25LED	25W	41	4100K				MVOLT	DBLB	Black	SF	Single fuse ⁵
VG04C									DDBT	Dark bronze	DS	Dual switching
VG05C									DNAT	Natural aluminum	MSI8	Wet location motion sensor ^{5,6}
									DSST	Sandstone	PE	Photoelectric cell ^{5,7}
											TRS	Tamper-resistant screws ⁸
											NOM	Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**LED SPECIFICATION MATRIX**

System watts	Initial delivered lumens through polycarbonate lens*		Initial delivered lumens through glass lens*		mA	Ambient temperature °C
	3500K	4100K	3500K	4100K		
50	1785	2490	1265	1770	700	30
40	1320	1970	930	1390	500	30

* 3500K and 4100K are LED CCTs.

ACCESSORIES**ORDER SEPARATELY**

RK1 T10DRV	Torx TX10 screwdriver, for use with Gateway set screws.
RK1 T20BIT	Hex-base driver bit, Torx TX20, for tamper-resistant screws with center reject pin.
RK1 T20DRV	Torx TX20 screwdriver for use with tamper-resistant screws with center reject pin.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Refer to table.
- 2 The CCT value provided is of lamp source and actual CCT will vary upon power levels.
- 3 For additional colors, refer to Architectural Paint brochure.
- 4 Must specify DS option.
- 5 Must specify voltage. Not available with MVOLT.
- 6 Provided with lens for mounting up to 8'.
- 7 Not available with DS option.
- 8 T-20 screws with center reject pin.

VGRC

Gateway,[®] Cast Housing



Intended Use

Architectural low-profile luminaire provides general illumination for rough service (vandal resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- Corrosion-resistant, 16-gauge steel backplate
- Available with polycarbonate or glass lenses
- Internal reflector is high-reflectance white powder coat perimeter for maximum light output

- Standard finish is textured polyester powder coat in white, black or bronze
- Unit may be ceiling or wall mounted

Listings

UL Listed to U.S. and Canadian Safety Standards (see Options). NOM Certified (see Options). For use in 25°C ambient temperatures and wet locations. IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

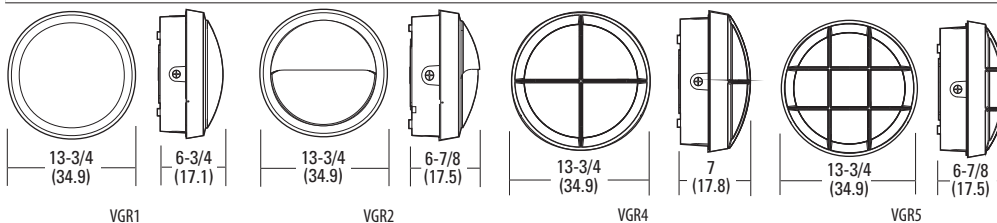
Example: VGR1C 70M 120 DWHG LPI

Series	Lamp type	Lens	Voltage	Ballast configuration
<u>Deep profile</u>	<u>Incandescent</u> ^{1,2}	<u>Triple-tube</u>	120	(blank) Standard ballast
VGR1C 6.7" deep	(blank) 100W	26TRT	208 ⁴	ADCF Advance [®] electronic fluorescent ballast
VGR2C 6.9" deep	<u>Double twin-tube</u>	2/26TRT	240 ⁴	MOTCF OSRAM [®] SYLVANIA [™] electronic fluorescent ballast
VGR4C 7" deep	13TT	32TRT	277	TUBCF Universal [™] Lighting Technologies electronic fluorescent ballast
VGR5C 6.9" deep	13DTT	2/32TRT	347	
	2/13DTT	42TRT	TB ^{4,5}	ADEZ Advance [®] Marx X [®] electronic dimming ballast ^{8,9}
	18DTT	2/42TRT	MVOLT ^{6,7}	DMHL LUTRON [®] Hi-lume [®] electronic dimming ballast ^{8,9}
	26DTT	<u>High pressure sodium</u>		
	2/26DTT	50S		
	<u>Metal halide</u> ³	70S		
	50M			
	70M			
	100M			

Finish ¹⁰	Options ¹¹	Lamped ¹⁹
<u>Standard textured colors</u>	ELDW Wet location battery pack (750 max lumens) ^{7,8,12}	LPI Lamp(s) included (std.)
DWHG White	DS Dual switching, two ballasts ⁷	L/LP Less lamp(s)
DBLB Black	SF Single fuse, 120V, 277V ^{4,8}	
DDBT Dark bronze	DF Double fuse, 208V, 240V ^{4,8}	
DNAT Natural aluminum	EC Emergency circuit (incandescent, 25W max) ^{13,14}	
DSST Sandstone	GLR Internal fast-blow fusing ^{7,8}	
	GMF Internal slow-blow fusing ^{7,8}	
	NL Night light (incandescent, 7W max) ^{13,14,15}	
	PE Photoelectric cell (button type) ^{8,16}	
	QRS Quartz restrrike system ^{4,13}	
	TRS Tamper-resistant screws ¹⁷	
	VGRDS Decorative shroud ¹⁸	
	CSA Meets Canadian Standards	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

ACCESSORIES

ORDER SEPARATELY

RK1 T10DRV	TORX [®] T10 screwdriver for Gateway [®] set screws
RK1 T20BIT	TORX [®] T20 hex-base driver bit for TRS option
RK1 T20DRV	TORX [®] T20 screwdriver for TRS option
VGRDS XXX	Decorative shroud ²⁰

Notes

- 1 Leave lamp type information blank.
- 2 Lamp not included.
- 3 Low-UV lamp is included and recommended for replacement.
- 4 Available for HID units only.
- 5 Multi-tap ballast-U.S.: 120V, 208V, 240V, 277V; Canada: 120V/347V.
- 6 Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating on any line voltage between 120V and 277V.
- 7 Available for compact fluorescent units only.
- 8 Must specify voltage. Not available with MVOLT or TB.
- 9 Available with 26DTT, 26TRT and 32 TRT.

10 For additional colors, see Architectural Colors brochure on www.lithonia.com.

11 For other options and accessories, see Accessories table.

12 42TRT max, wattage, up to 42TRT or 2/18DTT.

13 Maximum wattage lamp included.

14 Available for single-lamp units only.

15 120V only.

16 Not available with DS.

17 Stainless steel TORX[®] T20 screws with center reject pin.

18 Color will be the same as the bezel.

19 Lamp included unless L/LP is specified.

20 Must specify color (example: VGRDS DWHG).

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Architectural low-profile luminaire provides general illumination for rough service (vandal resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- One-piece, die-cast aluminum, low copper alloy (1% copper alloy (1% copper) housing)
- Available with compact fluorescent or HID lamp sources
- Available with polycarbonate or glass lenses

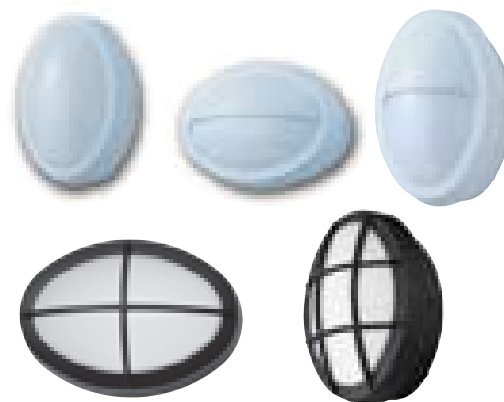
- Internal reflector is high-reflectance white powder coat perimeter for maximum light output
- Standard finish is textured polyester powder coat in white, black or bronze
- Unit may be ceiling or wall mounted

Listings

UL Listed to U.S. and Canadian Safety Standards (see Options). NOM Certified (see Options). For use in 25°C ambient temperatures and wet locations. IP65 rated.

VGOC

Gateway,[®] Cast Housing



Example: VG01C 50S TB DWHG PE LPI

ORDERING INFORMATION

Specifications subject to change.

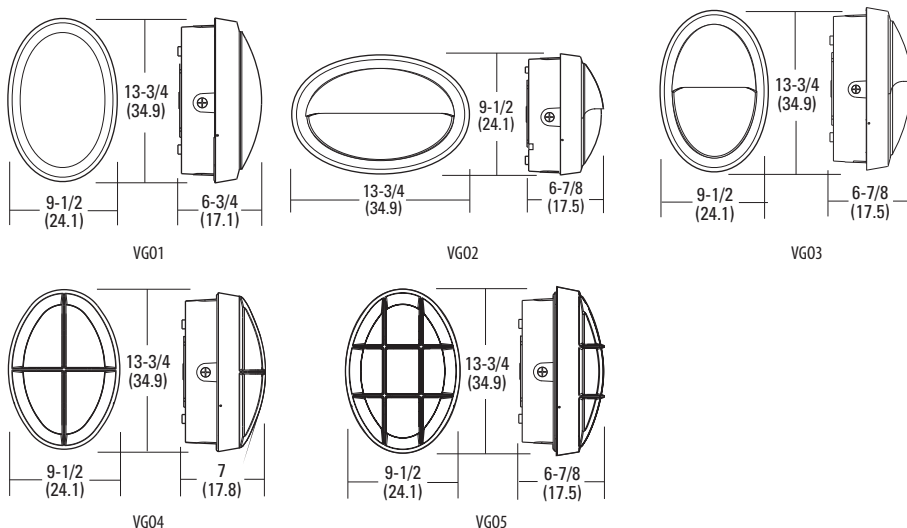
Series	Lamp type	Lens	Voltage	Ballast configuration
<u>Deep profile</u>	<u>Double twin-tube</u>	42TRT	120 ²	(blank) Standard ballast
VG01C	13DTT	High pressure sodium	208 ²	ADCF Advance [®] electronic fluorescent ballast
VG02C	18DTT	50S	240 ²	MOTCF OSRAM [®] SYLVANIA [™] electronic fluorescent ballast
VG03C	26DTT	<u>Metal halide¹</u>	277	TUBCF Universal [™] Lighting Technologies electronic fluorescent ballast
VG04C	<u>Triple-tube</u>	50M	347	ADEZ Advance [®] Marx X [®] electronic dimming ballast ^{6,7}
VG05C	26TRT	<u>Ceramic metal halide</u>	TB ^{2,3}	DMHL LUTRON [®] Hi-lume [®] electronic dimming ballast ^{6,7}
	32TRT	50MHC	MVOLT ^{4,5}	

Finish ⁸	Options ⁹	Lamped ¹³
<u>Standard textured colors</u>	SF Single fuse, 120V, 277V ^{2,7}	LPI Lamp(s) included (std.)
DWHG White	DF Double fuse, 208V, 240V ^{2,7}	L/LP Less lamp(s)
DBLB Black	EC Emergency circuit (incandescent, 25W max) ⁷	
DDBT Dark bronze	QRS Quartz restrike system ^{2,10}	
DNAT Natural aluminum	TRS Tamper-resistant screws ¹²	
DSST Sandstone		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

ACCESSORIES**ORDER SEPARATELY**

RK1 T10DRV	TORX [®] T10 screwdriver for Gateway [®] set screws
RK1 T20BIT	TORX [®] T20 hex-base driver bit for TRS option
RK1 T20DRV	TORX [®] T20 screwdriver for TRS option

Notes

- 1 Low-UV lamp is included and recommended for replacement.
- 2 Available for HID units only.
- 3 Multi-tap ballast-US: 120V, 208V, 240V, 277V; CA: 120/357V.
- 4 Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating on any line voltage between 120V and 277V.
- 5 Available for compact fluorescent units only.
- 6 Available with 26DTT, 26TRT and 32TRT.
- 7 Must specify voltage. Not available with MVOLT or TB.
- 8 For additional colors, see Architectural Colors brochure on www.lithonia.com.
- 9 For other options and accessories, see Accessories table.
- 10 Maximum wattage lamp included.
- 11 120V only.
- 12 Stainless steel TORX[®] T20 screws with center reject pin.
- 13 Lamp(s) included unless L/LP is specified.

VGR

Gateway,[®] Steel Backplate



Intended Use

Architectural low-profile luminaire provides general illumination for rough service (vandal resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- Corrosion-resistant, 16-gauge steel backplate
- Available with polycarbonate or glass lenses

- Internal reflector is high-reflectance white powder coat in white, black or bronze
- Unit may be ceiling or wall mounted

Listings

UL Listed to U.S. and Canadian Safety Standards (see Options). NOM Certified (see Options). For use in 25°C ambient temperatures and wet locations. IP65 rated.

ADA

ORDERING INFORMATION

Specifications subject to change.

Example: VGR1 42TRT GL MVOLT DWHG TRS LPI

Series	Lamp type				Lens		Voltage	Ballast configuration ⁴		
Low-profile (ADA)	Twin-tube ²		2/13DTT	Triple Tube	(blank)	Polycarbonate	120	(blank)	Standard configuration	
VGR1	3.7" deep	13TT	18DTT	26TRT	GL	Borosilicate glass	277	2/1	Two 1-lamp ballasts	
VGR2	4" deep	2/13TT	2/18DTT	2/26TRT	SBP	Starburst pattern polycarbonate	347			
VGR4	4.1" deep ¹	Double twin-tube	26DTT	32TRT			MVOLT ³			
VGR5C	4" deep	13DTT	2/26DTT	42TRT						
Ballast				Finish ⁵		Options ⁶			Lamped ¹¹	
(blank)	Standard ballast			Standard textured colors		DS	Dual switching, two ballasts		LPI	Lamp(s) included (std.)
ADCF	ADVANCE ®electronic fluorescent ballast			DWHG	White	GLR	Internal fast-blow fusing ⁷		L/LP	Less lamp(s)
MOTCF	OSRAM®SYLVANA™ electronic fluorescent ballast			DBLB	Black	GMF	Internal slow-blow fusing ⁷			
TUBCF	Universal™ Lighting Technologies electronic fluorescent ballast			DDBT	Dark bronze	NLCF	Night-light (compact fluorescent 9W max) ^{2,4,8,9}			
				DNAT	Natural Aluminum	TRS	Tamper-resistant screws ¹⁰			
				DSST	Sandstone	CSA	Meets Canadian standards			
						NOM	Meets Mexican standards			

ADDITIONAL INFORMATION

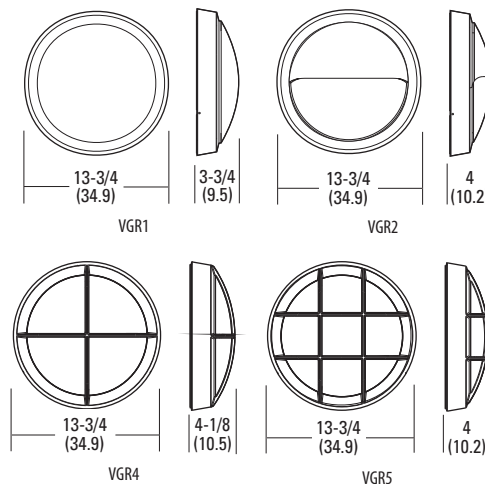
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

RK1 T10DRV	TORX [®] T10 screwdriver for Gateway [®] set screws
RK1 T20BIT	TORX [®] T20 hex-base driver bit for TRS option
RK1 T20DRV	TORX [®] T20 screwdriver for TRS option
VGRDS XXX	Decorative shroud ¹²

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Not ADA compliant.
- 120V only.
- Multi-volt electronic ballast (for DTT and TRT lamps), capable of operating on any line voltage between 120V and 277V.
- Available for single-lamp units only.
- For additional colors, see Architectural Colors brochure on www.lithonia.com.
- For other options and accessories, see Accessories table.
- Must specify voltage. Not available with MVOLT.
- Maximum wattage lamp included.
- Cannot be field installed.
- Stainless steel TORX[®] T20 screws with center reject pin.
- Lamp(s) included unless L/LP is specified.
- Must specify color (example: VGRDS DWHG).

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Architectural low-profile luminaire provides general illumination for rough service (vandal resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- Corrosion-resistant, 16-gauge steel backplate
- Available with polycarbonate or glass lenses
- Internal reflector is high-reflectance white powder coat perimeter for maximum light output

- Standard finish is textured polyester powder coat in white, black or bronze
- Unit may be ceiling or wall mounted

Listings

UL Listed to U.S. and Canadian Safety Standards (see Options). NOM Certified (see Options). For use in 25°C ambient temperatures and wet locations. IP65 rated.

VGO

Gateway,® Steel Backplate

**ADA****ORDERING INFORMATION**

Specifications subject to change.

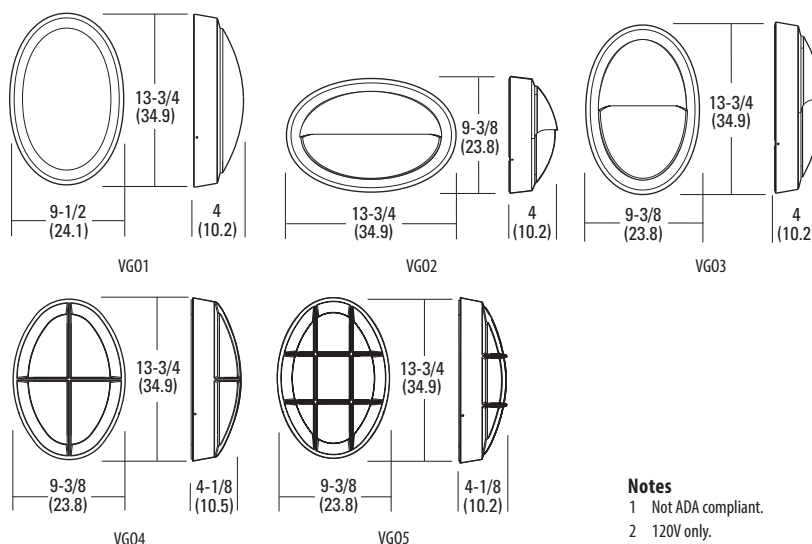
Example: VG01 26DTT MVOLT DWHG LPI

Series	Lamp type	Lens	Voltage	Ballast	Finish ⁴	Options	Lamped ⁷
Low profile (ADA)	Twin-tube ²	(blank) Polycarbonate	120	(blank) Standard ballast	Standard textured colors	GLR	LPI
VG01 3.7" deep	13TT	GL Borosilicate glass	277	ADCF ADVANCE® electronic fluorescent ballast	DWHG White	Internal fast-blow fusing ⁵	Lamp(s) included (std.)
VG02 4" deep	Double twin-tube		347	MOTCF OSRAM® SYLVANIA™ electronic fluorescent ballast	DBLB Black	GMF Internal slow-blow fusing ⁵	L/LP Less lamp(s)
VG03 4" deep	13DTT		MVOLT ³	TUBCF Universal™ Lighting Technologies electronic fluorescent ballast	DDBT Dark bronze	TRS Tamper-resistant screws ⁶	
VG04 4.1" deep ¹	18DTT				DNAT Natural aluminum	CSA Meets Canadian standards	
VG05 4" deep	26DTT				DSST Sandstone	NOM Meets Mexican standards	
	Triple-tube						
	26TRT						
	32TRT						

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ACCESSORIES****ORDER SEPARATELY**

RK1 T10DRV	TORX® T10 screwdriver for Gateway® set screws
RK1 T20BIT	TORX® T20 hex-base driver bit for TRS option
RK1 T20DRV	TORX® T20 screwdriver for TRS option

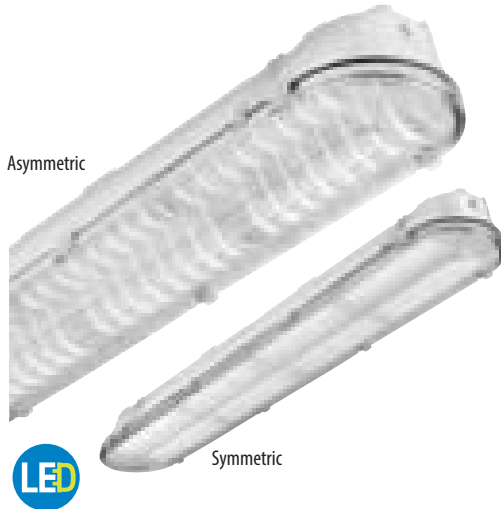
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not ADA compliant.
- 120V only.
- Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating on any line voltage between 120V and 277V.
- For additional colors, see Architectural Colors brochure on www.lithonia.com.
- Must specify voltage. Not available with MVOLT.
- Stainless steel TORX® T20 screws with center reject pin.
- Lamp included unless L/LP is specified.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VAP LED



Intended Use

Ideal for use in applications where smart, energy-efficient fixtures are desired. Typical applications include parking garage, canopy, transportation, school, hospital, cold storage, and exterior retail environments where moisture or dust is a concern. Polycarbonate enclosure protects fixture while remaining easy to service.

Features

- UV stabilized, injection-molded, impact resistant, frosted polycarbonate housing with continuous poured-in-place, closed cell gasket
- UV stabilized, injection-molded, impact resistant, clear transparent, polycarbonate lens with aesthetic rib detail
- Available with asymmetric and symmetric light control film
- Clear transparent, tamper-resistant, polycarbonate latches with Torx® T-20 tamper resistant screws standard

- Utilizes high-efficiency LEDs mounted to core circuit boards
- High-efficiency driver operates 100V through 277V, 50/60Hz
- Includes a temperature sensing component that will limit the temperature of the LEDs in case of excessive ambient temperature or misapplication

Listings

CSA Certified to UL and cUL standards. Minimum ambient temperature of -20°F (-29°C). NOM Certified (see Options). VAP LED is wet location listed for covered ceiling applications. IP65 rated. Product will be rated for damp location only when wall mounted. DesignLights Consortium® qualified product for Fuel Pump Canopy.



ORDERING INFORMATION

Specifications subject to change.

Example: VAP 39LED ASY

Series	Wattage/Color temperature ¹				Light control film		Voltage		Options ³					
VAP	39LED	39 watts	(blank)	4100K (CRI 65)	(blank)	Clear polycarbonate, no film	(blank)	MVOLT	SF	Single fuse ⁴	CS89	6' type SE00W white cord, 16/3, no plug, wet location	L/SP	Less surge protector
	59LED	59 watts	27	2700K (CRI 80)					120	120V	BSL722	Bodine® emergency LED battery pack for 0°C and up ^{4,5}		
	79LED	79 watts	35	3500K (CRI 80)	ASY	Asymmetric beam	277	277V	WLF	Wet location fitting (two outboard, top) ⁶	STSL	Stainless steel tamper resistant latches	PE	Photoelectric cell (button type) ⁴
	114LED	114 watts	57	5700K (CRI 70)					480	480V ²	WLFIN	Wet location fitting (two inboard, top) ⁶	QMB	Quick - mount ceiling bracket
			AMB	Amber LEDs	SYM	Symmetric beam	WLFEND	Wet location fitting (one end) ⁶			CMB	Chain - mount suspension bracket		
									WLFEND2	Wet location fitting (both ends) ^{6,7}	JSB	Junction box snap-bracket	NOM	NOM Certified
									CS88	6' Brad Harrison 16/3 cord and straight blade plug set	DIM	Pre-wired for 0-10V low-voltage dimming (100-10%)	LSC	Lens safety clip
									CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set				
											DIM2	Line-voltage power control (100-50%) ⁸		

ADDITIONAL INFORMATION

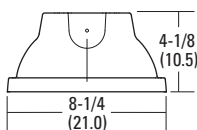
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

VAPQMB	Quick-mount ceiling bracket
VAPCMB	Chain-mount bracket ⁹
VAPJSB	Junction box snap bracket
HC36	Wire hook and 36' chain set ^{11,12}
RK1 T20BIT	Hex base driver bit, Torx® T20
RK1 T20DRV	Torx® T20 screwdriver for use with tamper resistant screws with center reject pin
FHEACT240	20'Y-toggle aircraft cable
RK1 T10DRV	Torx® T10 screwdriver for TRS option

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Specifications

Length: 54-3/4 (139.1)
Width: 8-1/4 (21.0)
Depth: 4-1/8 (10.5)
Weight: 13.5 lbs. (5.9 kg)

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

ARCHWAY™ PASSAGE™ LED Specification Matrix

System watts	Initial delivered lumens with asymmetric optics*		Initial delivered lumens with symmetric optics*		mA	Comparable source	LLF	Maximum Ambient Temperature
	4100K	5700K	4100K	5700K				
39	3040	3335	2975	3335	350	1x32W T8, 70W MH	.837 (L93)	40°C
59	4170	4495	4050	4600	525	1x54W T5, 2x32W T8, 70W HPS	.765 (L85)	40°C
79	5725	6015	5820	6110	350	3x32W T8, 100W MH	.837 (L93)	40°C
114	7680	7970	7720	8170	525	2x54W T5, 100W HPS	.765 (L85)	25°C

Notes

- The CCT value provided is of lamp source and actual CCT will vary upon levels.
- Non-DLC compliant.
- For additional options, consult factory.
- Must specify voltage.
- Not available with 114LED.
- 5/8" long NPT threaded hub.

- Not available with cord, sensor or photocell options.
- Available with 79LED and 114LED only.
- For mounting up to 8'; specify MSI8; for mounting up to 20', specify MSI20.
- Not applicable with ASY or SYM optical film.
- Requires CMB (chain mount bracket option).
- For stainless steel, specify STS (example: HC36 STS.)

VAP

**Intended Use**

Ideal for use in applications where smart, energy-efficient fixtures are desired. Typical applications include parking garage, canopy, transportation, school, hospital, cold storage, and exterior retail environments where moisture or dust is a concern. Polycarbonate enclosure protects fixture while remaining easy to service.

Features

- UV stabilized, injection-molded, impact resistant, frosted polycarbonate housing with continuous poured-in-place, closed cell gasket
- UV stabilized, injection-molded, impact resistant, clear transparent, polycarbonate lens with aesthetic rib detail

- Clear transparent, tamper-resistant, polycarbonate latches with Torx® T-20 tamper resistant screws standard
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Fixture may be suspended or surface mounted (ceiling or wall (vertical or horizontal)) using appropriate mounting accessories

Listings

CSA Certified to UL and cUL Standards. NOM Certified (see Options). CSA listed for ambient operation up to 40°C (104°F). VAP is wet location listed for covered-ceiling applications. Product will be rated for damp location when horizontally wall mounted. IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

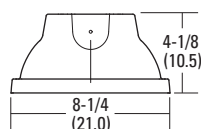
Example: VAP 254L

Series	Lamp type ¹				Shielding	Distribution		Voltage	Ballast configuration
VAP	<u>T5HO lamps</u>	<u>T5 lamps</u>		<u>T8 lamps</u>	(blank) Clear polycarbonate	<u>White ballast cover</u>		(blank) MVOLT; 120V-277V	(blank) One ballast
	154L	128T5L	1 lamp, 28W	132L	1 lamp, 32W	(blank) General distribution		HVOLT 347V-480V ²	2/1 Two 1-lamp ballasts
	254L	228T5L	2 lamps, 28W	232L	2 lamps, 32W	<u>White ballast cover</u>			
						WD Wide distribution			
Ballast		Lamps installed ⁷		Options ⁸					
<u>T5/T5HO</u>		(blank)	85 CRI, 4100K	GLR	Internal fast-blow fusing	WLF	Wet location fitting (two outboard, top)	CS88	6' Brad Harrison 16/3 cord and straight blade plug set
(blank)	1.0 BF, PRS	LP830	85CRI, 3000K	EL14DW	Emergency lighting (1400 lumens) ⁹	WLFEND	Wet location fitting (one end)	CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set
GEB80S	.80 BF, step dimming (100%-50%) ^{3,4}	LP835	85 CRI, 3500K	MSI___	Wet location motion sensor with bracket, wired on/off ^{10,11,12}	WLFEND2	Wet location fittings (both ends) ¹⁵	HS	Houseside shield
GEB90S	.90 BF, PRS, step dimming ⁵	LP850	85 CRI, 5000K	MSI___D	Wet location motion sensor with bracket wired for HI/LO dimming ^{10,12,13}	QMB	Quick-mount ceiling bracket ¹⁶	UPS	Uplight shield
<u>T8</u>				PE	Photoelectric cell (button type) ^{10,14}	CMB	Chain-mount bracket ^{16,17}	LCF1	Prismatic light control film ¹⁶
(blank)	1.18 BF, IS			RIF1	Radio interference filter, one per fixture	JSB	Junction box snap bracket ¹⁶	LCF2	Opaque light control film ¹⁶
GEB10IS	.88 BF, IS			B50CW	Cold weather battery pack ^{6,9}	CS89	6' white cord, 16/3, no plug, wet location	LCF3	Striped light control film ¹⁶
GEB10PS	.87 BF, PS step dimming ^{3,6}					LSC	Lens safety clip	STSL	Stainless steel latches
BSNP	.87 BF, PS step dimming ^{3,6}							NOM	NOM Certified

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ACCESSORIES****ORDER SEPARATELY**

VASMB	Surface spring-mount bracket
VAPQMB	Quick-mount ceiling bracket
VAPCMB	Chain-mount bracket ¹⁷
VAPJSB	Junction box snap bracket
HC36	Wire hook and 36" chain set (two per package) ^{18,19}
RK1 T20BIT	Hex base driver bit, Torx® T20. Tamper resistant screws with center reject pin

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Specifications**

Length: 54-3/4 (139.1)

Width: 8-1/4 (21.0)

Depth: 4-1/8 (10.5)

Weight: 13.5 lbs. (5.9 kg)

Notes

- 1 To order fixtures WITHOUT lamps, remove the "L" from the description (example: VAP 132).
- 2 Not available with 28T5 or 1-lamp 32T8.
- 3 Available with 2-lamp unit only.
- 4 Available with 54T5HO only. Recommended for applications with ambient temperatures 50°F (10°C) and above.
- 5 Available with 28T5 only. Recommended for applications with ambient temperatures 50°F (10°C) and above.
- 6 Available with 32T8 only. Recommended for applications with ambient temperatures 32°F (0°C) and above.
- 7 Alternate lamp color need only be specified if pre-installed lamps are provided.
- 8 For additional options, consult factory.

- 9 Must specify voltage. (120 or 277 only).
- 10 Must specify voltage.
- 11 GEB 10PS recommended.
- 12 For mounting up to 8'; specify MS18; for mounting up to 20'; specify MS120.
- 13 For use with step dimming ballast.
- 14 Not available with 480V.
- 15 Not available with cords, sensors or photocell option.
- 16 Accessories may be ordered as separate catalog numbers.
- 17 Requires HC36 option.
- 18 For stainless steel, specify STS (example: HC36 STS).
- 19 Requires chain mount bracket (CMB option).

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VRR LED



Intended Use

General illumination for rough service (vandal resistant) applications. Ideal for interior and exterior applications where safety and security are a concern such as retail, under canopies, gas stations, and bank drive thrus.

Features

- Door and housing are manufactured with 16-gauge cold rolled steel
- Door is secured with either stainless steel tamper-resistant Torx T20 or standard stainless steel slotted hex-head screws (four of each included)
- Post painted after fabrication in white polyester powder coat for high reflectance, durability, and corrosion resistance
- Multiple lens options available; for maximum lumens use the less lens option

- Light engine(s) consist of 10 high efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation
- Class 2 electronic driver has a power factor >90%, THD<20% (0 to 10 volt dimming standard)
- Separate yoke and adjustable brackets for use with C-channel bar hangers (not included)

Listings

CSA Certified to UL and cUL Standards. Luminaire is rated for wet locations in covered-ceiling applications and IP64 rated for glass lens and less lens options only. Rated for 25°C ambient temperatures.



ORDERING INFORMATION

Specifications subject to change.

Example: VRR LED 3L CP 120

Series	Lumens/Color temperature ¹	Lens	Voltage ²	Options
VRR LED	1L 1,500 lumens (blank) 4000K, 70 CRI	CP Clear prismatic polycarbonate	120 120V	ALDF Aluminum door frame
	3L 3,000 lumens 50 5000K, 70 CRI	WP White prismatic polycarbonate	277 277V	SF Single fuse ²
	4L 4,000 lumens	DHL Drop Holophane [®]		BSL722 Bodine [®] emergency LED battery pack for 0°C and up ³
		FHL Flat Holophane [®]		BSL722C Bodine [®] emergency LED battery pack for -20°C and up ³
		L/Lens Less lens		DIM Pre-wired for 0-10V low voltage dimming (100%- 10%)
				L/SP Less surge protector

ADDITIONAL INFORMATION

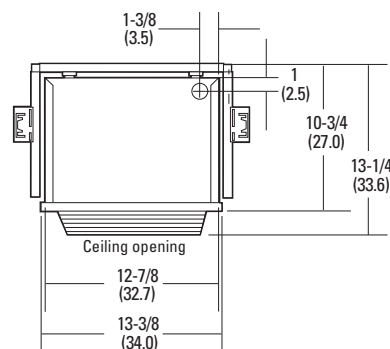
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

RK1 T20BIT	Hex-base driver bit, Torx T20, for tamper-resistant screws with center reject pin.
RK1 T20DRV	Torx T20 screwdriver for use with tamper-resistant screws with center reject pin.
PF	Plaster frame; provides a clean edge for ceiling openings.
VRRGA	2' X 2' NEMA G grid adapter, textured white

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 The CCT value provided is of lamp source and actual CCT will vary upon levels.
- 2 Must specify voltage.
- 3 Available with 1L and 3L only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VRR

Intended Use

General illumination for rough service (vandal resistant) applications. Ideal for interior and exterior applications where safety and security are a concern such as retail, under canopies, gas stations, and bank drive thrus.

Features

- Door and housing are manufactured with 16-gauge cold rolled steel
- Door is secured with either stainless steel tamper-resistant Torx T20 or standard stainless steel slotted hex-head screws (four of each included)
- Post painted after fabrication in white polyester powder coat for high reflectance, durability, and corrosion resistance

- Multiple lens options available
- UL Listed 660W, 600V, 4KV pulse rated, 175W metal halide is mogul-base
- Separate yoke and adjustable brackets for use with C-channel bar hangers (not included)

Listings

UL Listed. CSA Certified (see Options). UL Listed for 25°C ambient operations. For use in wet locations in covered ceiling applications only. IP64 rated option available.

**ORDERING INFORMATION**

Specifications subject to change.

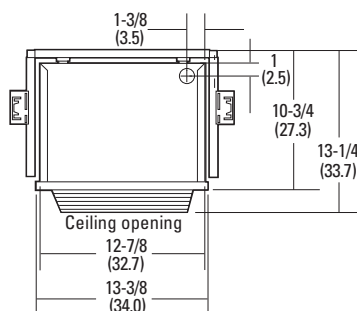
Example: VRR 100M 120 LPI

Series	Lamp type				Lens		Voltage	Ballast	
VRR	<u>Incandescent</u> ^{1,2}	<u>Triple-tube</u>	50S ³	150M ³	(blank)	Clear prismatic	120	(blank)	Standard ballast
	(blank) Incandescent	26TRT	70S	175M	WP	White polycarbonate	208 ⁵	ADEZ	Advance® Mark X® electronic dimming ballast ^{8, 9, 10}
	<u>Twin-tube</u>	2/26TRT	100S	<u>Ceramic metal halide</u>	DHL	Drop Holophane® glass	240 ⁵	DMHL	LUTRON® Hi-Lume® electronic dimming ballast ^{8,9,10,11}
	2/13TT	32TRT	150S				277	HEB	Electronic ballast ¹²
	<u>Double twin-tube</u>	2/32TRT	<u>Metal halide</u>				347		<u>Pulse start metal halide</u>
	2/18DTT	42TRT	50M ^{3,4}				480 ⁵	For shipments to U.S. territories, SCWA must be specified to comply with EISA.	
	2/26DTT	<u>High pressure sodium</u>	70M ³	100MHC		MVOLT6 ^{6, 7}			
		35S ¹	100M	150MHC				SCWA	Super CWA pulse start ballast ⁵
Options ¹³									Lamped ¹⁷
ALDF	Aluminum door frame for DHL lens			GLR	Internal fast-blow fusing ^{8,9}			LPI	Lamp(s) included (std.)
SF	Single fuse (120, 277, 347) ^{5,8}			GMF	Internal slow-blow fusing ^{8,9}			L/LP	Less lamp(s)
DF	Double fuse (208, 240, 480) ^{5,8}			XT	Low-energy diode extended lamp life ¹⁵				
QRS	Quartz restrike system ^{3,5,14}			CSA	Meets Canadian standards				
QRSTD	Quartz restrike system time delay ^{3,5,14}			INTL	Available for MH probe start shipping outside the U.S.				
EC	Emergency circuit (incandescent: 25W max, DC bayonet base) ¹⁴			IP64	Dust-tight and protected against water splashing in any direction ¹⁶				
NL	Night light (incandescent: 7W max, candelabra base) ^{1,14}								

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ACCESSORIES****ORDER SEPARATELY**

RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin
PF	Plaster frame; provides a clean edge for ceiling openings

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 120V only.
- Leave lamp type information blank for incandescent.
- Not available with 480V.
- Not available with 120V.
- Available for HID units only.
- Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating any line voltage 120V to 277V.
- Available for compact fluorescent units and HEB ballast only.
- Must specify voltage. Not available with MVOLT or TB.
- Available for compact fluorescent units only.
- Available with 2/26DTT and all single TRT lamps; excludes 42TRT.
- Available with 2/26DTT and 2/26TRT.
- Available with 100M only.
- For other options and accessories, see Accessories table.
- Maximum wattage lamp provided.
- Available for incandescent units only.
- Available with HID sources and DHL lens only.
- Lamp(s) included unless L/LP is specified.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VSL VSLC



Intended Use

Surface mounted enclosed luminaire provides general illumination for rough service, ceiling or wall mount applications. Ideal for areas that require higher levels of protection from physical assault, while providing proper illumination for safety and security.

Features

- One piece housing is constructed of 16-gauge galvanized steel for durability and security
- Ballast and lampholders are installed to ballast cover to provide easy installation and service
- One piece, closed cell neoprene pad mounting gasket is factory installed to help seal against moisture, dust, and insects

- Painted parts are finished with high-reflectance, white polyester powder coat
- Clear prismatic, injection-molded, and UV-stabilized polycarbonate lens completely encloses face and all sides of housing
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Lens is secured to housing with tamper resistant Torx T20 screws

Listings

UL Listed to U.S. and Canadian Safety Standards (see Options).
UL Listed and labeled for wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: VSL 2 32 MVOLT GEB10IS

Series	Number of lamps ¹	Lamp type	Lens	Voltage	Ballast	Options ⁵
VSL 9-1/4" wide	1	17 17W T8 (24")	(blank) Solid-end lens	MVOLT ⁴	GEB10IS T8 electronic ballast, ≤10% THD, instant start	ELDW Wet location battery pack (300 lumens) ^{6,7}
VSLC 5-3/8" wide	2	28T5 28W T5 (46")	SCE Surface conduit entry lens ³	120	GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start (347V only)	GLR Internal fast-blow fusing ⁷
	3	32 32W T8 (48")		277	GEB10PS90 TSHO 90° electronic ballast, ≤10% THD, programmed rapid start	RIF1 Radio interference filter, one per fixture
	Not included.	54T5HO 54W T5HO (46") ²		347	GEB10PS Electronic ballast, ≤10% THD, programmed rapid start	CSA Meets Canadian standards
						DL Damp location ⁸

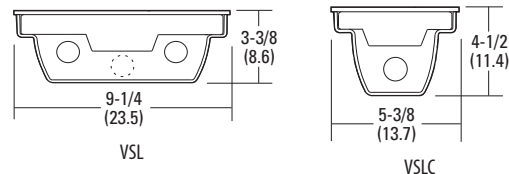
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NUMBER OF LAMPS	LAMP TYPE	WIDTH	DEPTH	LENGTH
VSL	2	17	9-1/4 (23.5)	3-3/8 (8.6)	25-3/8 (64.5)
VSL	2, 3	32	9-1/4 (23.5)	3-3/8 (8.6)	49-3/8 (125.4)
VSL	2	28T5, 54T5HO	9-1/4 (23.5)	3-3/8 (8.6)	49-3/8 (125.4)
VSLC	1	17	5-3/8 (13.7)	4-1/2 (11.4)	25-3/4 (65.4)
VSLC	1	28T5, 32, 54T5HO	5-3/8 (13.7)	4-1/2 (11.4)	49-3/4 (126.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES

ORDER SEPARATELY

RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin
SCG	Surface conduit gasket (one pair, not installed)

Notes

- 1 See Configurations table for lamp compatibility.
- 2 Two lamps max. 54T5HO must specify GEB10PS90 ballast.
- 3 Provided with one pair of surface conduit gaskets.
- 4 Electronic ballast, 120 through 277V.
- 5 For other options and accessories, see Accessories table.
- 6 Luminaires ordered with ELDW option (Example: ELD5DW) will bear UL Emergency Lighting Equipment label for damp or wet location, depending on fixture.
- 7 Must specify voltage.
- 8 Required for non-wet location options, such as cordsets CS11W or CS1W, or battery packs such as EL.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

General illumination for rough service (vandal resistant) applications. Designed for indoor and outdoor applications like corridors, walkways, pedestrian tunnels, canopies, and drive-thru areas.

Features

- Housing constructed from heavy duty, 16-gauge, cold rolled steel
- Housing and reinforcing members seamwelded together for strength
- Clear, internally frosted, UV-stabilized, injection molded polycarbonate lens

- Lens is gasketed against moisture and contaminants
- Lens secured to housing with six stainless steel Torx T20 tamper-resistant screws
- All painted parts are post painted after fabrication with white polyester powder paint
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A for corner (VDC) or surface (VDS) mounting

Listings

UL Listed for wet locations (in covered ceiling applications only).

UL Listed for -20°F(-29°C) to 77°F(25°C) ambient temperatures.

CSA Certified or NOM Certified (see Options).

VDC VDS

**ORDERING INFORMATION**

Specifications subject to change.

Example: VDC 2 32 MVOLT GEB10IS

Series		Number of lamps ¹	Lamp type		Lens		Voltage
VDC	Corner-mount	1	28T5	28W T5 (46")	(blank)	Clear polycarbonate	MVOLT
VDS	Surface-mount	2	32	32W T8 (48")	PCLW	White polycarbonate	120
		Not included.	54T5HO	54W T5HO (46") ²			277
							347
Ballast			Options ³				
GEB10IS	T8 electronic ballast, ≤10% THD, instant start		AL	Aluminum housing, white		STSW	Stainless steel housing, white
GEB10RS	T8 electronic ballast, ≤10% THD, programmed rapid start (347V only)		EL14DW	Wet location battery pack (1400 lumens) ^{4,5}		CSA	Meets Canadian standards
GEB10PS	Electronic ballast, ≤10% THD, programmed rapid start		GLR	Internal fast-blow fusing ⁴		NOM	Meets Mexican standards
GEB10PS90	T5HO 90° electronic ballast, ≤10% THD, programmed rapid start		RIF1	Radio interference filter, one per fixture			
			STS	Stainless steel housing, natural			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

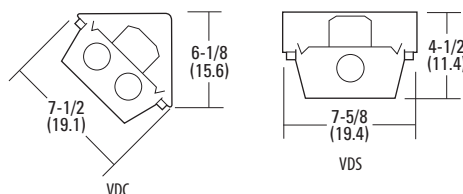
CONFIGURATIONS

SERIES	NUMBER OF LAMPS	LAMP TYPE	WIDTH	DEPTH	LENGTH
VDC	1, 2	32	7-1/2 (19.1)	6-1/8 (15.6)	50-1/8 (127.3)
VDC	2	28T5, 54T5HO	7-1/2 (19.1)	6-1/8 (15.6)	50-1/8 (127.3)
VDS	1, 2	32	7-5/8 (19.4)	4-1/2 (11.4)	50-5/8 (128.6)
VDS	2	28T5, 54T5HO	7-5/8 (19.4)	4-1/2 (11.4)	50-5/8 (128.6)

ACCESSORIES**ORDER SEPARATELY**

RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- See Configurations table for lamp compatibility.
- Must be specified with GEB10PS90 ballast.
- For other options and accessories, see Accessories table.
- Must specify voltage.
- Luminaires ordered with DW option (Example: EL14DW) will bear UL Emergency Lighting Equipment label for damp or wet locations, depending on fixture.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VW VWC



Intended Use

General illumination for rough service (vandal resistant) applications. Designed for use in corridors, entryways, meeting rooms, classrooms, locker rooms and more.

Features

- One piece housing is constructed from 16-gauge cold-rolled steel
- Die formed and welded together with reinforcing members for strength
- Polycarbonate and acrylic lenses available

- Lens is secured to housing with stainless steel Torx T20 tamper-resistant screws
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Ballast and lampholders are secured to channel cover to provide easy installation and service

Listings

UL Listed. CSA Certified (see Options). UL Listed for 25°C ambient and damp locations.

ORDERING INFORMATION

Specifications subject to change.

Example: VW 2 32 MVOLT GEB10IS

Series	Number of lamps ¹	Lamp type	Lens	Voltage
VW 8-3/4" or 13-1/4" housing	1	17 17W T8 (24")	(blank) Polycarbonate, .130" thick	MVOLT
2VW 13-1/4" housing	2	32 32W T8 (48")	ACR High-impact acrylic, 50% DR	120
VWC 4-1/2" housing	3	54T5HO 54WT5HO (48")	PCL156 Polycarbonate, .156" thick	277
	4			347

Ballast	Options ²
GEB10IS T8 electronic ballast, ≤10% THD, instant start	ELDW Wet location battery pack (300 lumens) ^{3,4}
GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start (347V only)	GLR Internal fast-blow fusing ⁴
GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	RIF1 Radio interference filter, one per fixture
GEB10PS Electronic ballast, <10% THD, programmed rapid start	STSW Stainless steel housing, white
	CSA Meets Canadian standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

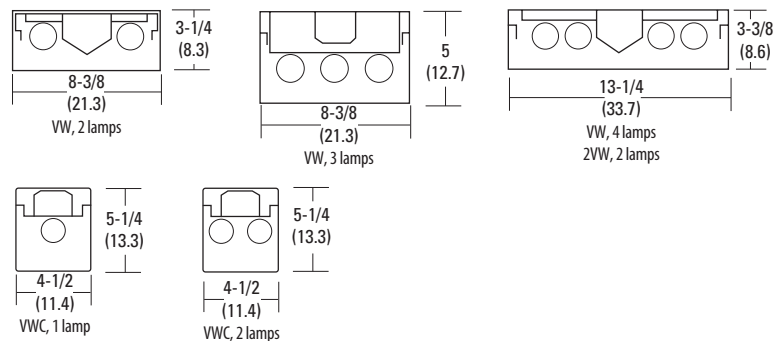
SERIES	NUMBER OF LAMPS	LAMP TYPE	WIDTH	DEPTH	LENGTH
VW	2	32	8-3/8 (21.3)	3-1/4 (8.3)	49 (124.5)
VW	3	32	8-3/8 (21.3)	5 (12.7)	49 (124.5)
VW	4	32	13-1/4 (33.7)	3-3/8 (8.6)	49 (124.5)
2VW	2	32, 54T5HO	13-1/4 (33.7)	3-3/8 (8.6)	49 (124.5)
VWC	1, 2	17	4-1/2 (11.4)	5-1/4 (13.3)	25-3/8 (64.5)
VWC	1, 2	32, 54T5HO	4-1/2 (11.4)	5-1/4 (13.3)	49-3/8 (125.4)

ACCESSORIES

ORDER SEPARATELY

RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screw with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp compatibility.
- 2 For other options and accessories, see Accessories table.
- 3 Luminaires ordered with ELDW option (Example: ELSDW) will bear the UL Emergency Lighting Equipment label for damp or wet locations, depending on the fixture.
- 4 Must specify voltage.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

General illumination for rough service (vandal resistant - industrial applications). Ideal for tunnels, canopies, shipping docks, refrigerated areas or any non-hazardous environments that require a wet location listing.

Features

- Housing constructed for impact-resistant, UV-resistant fiberglass-reinforced polyester with cold rolled steel enclosed wireway
- Acrylic or polycarbonate lenses available

- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Suitable for surface, chain, or stem mounting with proper mounting accessories

Listings

UL Listed. CSA Certified (see Options). UL Listed for use in 25°C ambient temperatures and wet locations under covered ceilings.

VRI**ORDERING INFORMATION**

Specifications subject to change.

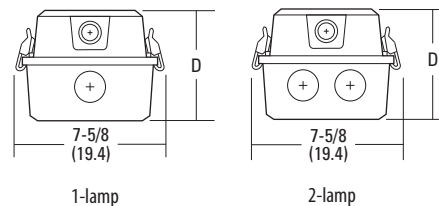
Example: VRI 2 32 MVOLT GEB10IS

Series	Number of lamps ¹	Lamp type	Lens	Voltage
VRI	1	28T5 28W T5 (46")	(blank) High-impact acrylic, 50% DR	MVOLT
For tandem double length unit, add prefix T. Example: TVRI	2	32 32W T8 (48")	DP High-impact deep acrylic, 50% DR ³	120
	3	48T8HO 44W T8HO (48")	PCL Polycarbonate ⁴	277
	Not included.	54T5HO 54W T5HO (46") ²		347
		96T8 59W T8 slimline (96")		
		96T8HO 86W T8HO 380mA (96")		
Ballast		Options ⁶		
GEB10IS	T8 electronic ballast, ≤10% THD, instant start	WLF	Wet location fittings (one pair; installed, top, for use with 1/2" rigid conduit)	
GEB10RS	T8 electronic ballast, ≤10% THD, programmed rapid start (347V only)	BCD	Mounting bracket to chain hang VRI (2 per package, excludes chain) ^{6,7,8}	
GEB10PS	T5 and T8HO electronic ballast, ≤10% THD, programmed rapid start	HC36	Wire hook and 36" chain set (2 per package) ^{6,7}	
GEB10PS90	T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	MSI	Wet location occupancy sensor pre-wired ⁹	
GEB	T12 electronic ballast, ≤20% THD ⁵	IP67	IP67 rated, utilizes 8 latches for 4' fixtures and 14 latches on 8' fixtures	
		CSA	Meets Canadian standards	

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS						
SERIES	LAMPS PER CROSS SECTION	LAMPS PER FIXTURE	LAMP TYPE	WIDTH	DEPTH	LENGTH
VRI	2	2	28T5	7-5/8 (19.4)	4-3/4 (12.1)	50 (127.0)
VRI	1, 2	1, 2	54T5HO	7-5/8 (19.4)	4-3/4 (12.1)	50 (127.0)
VRI	1, 2, 3	1, 2, 3	32	7-5/8 (19.4)	4-3/4 (12.1)	50 (127.0)
VRI(DP)	2	2	28T5	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
VRI(DP)	1, 2	1, 2	54T5HO	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
VRI(DP)	1, 2, 3	1, 2, 3	32	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
VRI	2	2	48T8HO	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
VRI	1, 2	1, 2	96T8, 96T8HO	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)
TVRI	2	4	54T5HO	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)
TVRI	1, 2, 3	4, 5, 6	32	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES	
ORDER SEPARATELY	
RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Notes

- See Configurations table for lamp compatibility.
- 2 lamps max. 54T5HO must specify GEB10PS90 ballast.
- Deep lens is standard on 4' 48T8HO, and on all 8' fixtures. To match deep appearance on all other 4' units, order ARDP lens.
- Standard depth lens provided. Not available with DP lens.
- Must specify voltage.
- For other options and accessories, see Accessories table.
- Order accessories as separate catalog numbers.
- For stainless steel, specify STS (example: BCD STS).
- For mounting up to 8' specify MSI8; for mounting up to 20' specify MSI20.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VRS



Intended Use

General illumination for rough service (vandal resistant) applications. Ideal for areas where safety and security are a concern.

Features

- Clean design includes overlap mitered housing and doorframe corners
- Plasma seam welded corners provide a clean finish and eliminate light leaks
- A variety of lenses available

- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Suitable for service mounting

Listings

UL Listed to U.S. and Canadian Safety Standards (see options). NOM Certified (see Options). For use in 25°C ambient temperatures and damp locations.

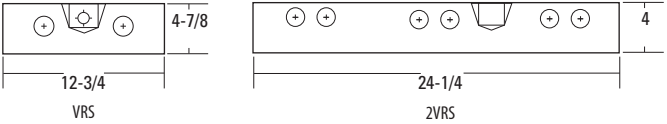
ORDERING INFORMATION		Specifications subject to change.						Example: VRS 2 32 AR12 MVOLT GEB10IS	
Series	Number of lamps ¹	Lamp type	Lens		Voltage	Ballast		Options ²	
VRS 1' wide	1	17 17W T8 (24")	AR12	#12 pattern, high-impact acrylic, .140" thick	MVOLT	GEB10IS	T8 electronic ballast, ≤10% THD, instant start	CSA	Meets Canadian standards
2VRS 2' wide	2	U31 31W T8-U (24")	VL	Polycarbonate lens laminated to #12 pattern acrylic overlay, .375" thick	120	GEB10RS	T8 electronic ballast, ≤10% THD, programmed rapid start (347V only)		
	3	U316 31W T8-U (6" leg) ²			277				
	4	32 32W T8 (48")			347	GEB10PS	Electronic ballast, <10% THD, programmed rapid start		
	6		PCL12187	#12 pattern polycarbonate 0.187 thick					

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

CONFIGURATIONS						
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	WIDTH	DEPTH	LENGTH
1' x 4'	VRS	1, 2, 3	32	12 3/4	4 7/8	48 (121.9)
2' x 2'	2VRS	1, 2, 3	17, U31	24 1/4	4	24 (61.0)
2' x 2'	2VRS	1, 2	U316	24 1/4	4	24 (61.0)
2' x 4'	2VRS	2, 3, 4, 6	32	24 1/4	4	48 (121.9)

ACCESSORIES	
ORDER SEPARATELY	
RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 See Configurations table for lamp compatibility.
- 2 Not available on three-lamp fixtures. Use U31.
- 3 For other options and accessories, see Accessories table.

VRT

**Intended Use**

General illumination for rough service (vandal resistant) applications. Ideal for areas that require higher levels of protection from physical assault, while providing proper illumination for safety and security.

Features

- Clean design includes overlap mitered housing and doorframe corners
- Plasma seam welded corners provide a clean finish and eliminate light leaks

- A variety of lenses available
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Suitable for recessed mounting in T bar or dry/plaster ceilings

Listings

UL Listed to U.S. and Canadian Safety Standards (see options). NOM Certified (see Options). For use in 25°C ambient temperatures and damp locations.

ORDERING INFORMATION

Specifications subject to change.

Example: 2VRT G 4 32 AR12 MVOLT ¼ GEB10IS

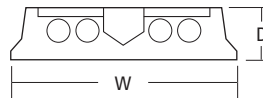
Series		Trim ¹	Number of lamps ²	Lamp type		Diffuser		Voltage
VRT	1' wide	G Lay-in grid	1	17	17W T8 (24")	AR12	#12 pattern high-impact acrylic, .140" thick	MVOLT
2VRT	2' wide	F Overlapping flange	2	U31	31W T8-U (24", 1-5/8" leg)	ARF12	#12 pattern high-impact acrylic with RF grid, .140"	120
			3	U316	31W T8-U (24", 6" leg) ³	PCL12187	#12 pattern polycarbonate, .187"	277
			4	32	32W T8 (48")	VL	.250" clear polycarbonate lens laminated to A12 pattern acrylic overlay, .125" acrylic	347
			6	CF40	40W T5 (24")			
			Not included.	28T5	28W T5			
				54T5HO	54W T5HO			
Ballast configuration			Ballast			Options ⁴		
(blank)	Standard configuration		GEB10IS	T8 and CF electronic ballast, ≤10% THD, instant start		CSA	Meets Canadian standards	
1/3	One 3-lamp ballast		GEB10PS	Electronic ballast, ≤10% THD programmed rapid start		NOM	Meets Mexican standards	
1/4	One 4-lamp ballast		GEB10PS90	Electronic ballast, ≤10% THD, programmed rapid start, 90°C case temp.		1/4	One 4-lamp ballast	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS					
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	DEPTH	WIDTH
1' x 4'	VRT	1, 2, 3	32	4-1/2 (11.4)	12 (30.5)
2' x 2'	2VRT	2	17, U31, U316, CF40	3-3/4 (9.5)	24 (61.0)
2' x 2'	2VRT	3	17, U31	3-3/4 (9.5)	24 (61.0)
2' x 2'	2VRT	4	17	3-3/4 (9.5)	24 (61.0)
2' x 4'	2VRT	2, 3, 4, 6	32	3-3/4 (9.5)	24 (61.0)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES	
ORDER SEPARATELY	
RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Consult factory for screw slot and ST trim.
- 2 See Configurations table for lamp compatibility.
- 3 Not available on 3-lamp fixtures.
- 4 For other options and accessories, see Accessories table.

VR1 VR2



Intended Use

General illumination for rough service (vandal-resistant) applications. Ideal for applications that require minimum light capabilities for safety and security.

Features

- Backplate constructed with 16-gauge cold rolled steel
- Available with white opal (VR1) or clear prismatic (VR2) lens

- Lens secured to housing with either stainless steel tamper resistant Torx T20 screws or stainless steel hex head screws (two of each included)
- Available with incandescent or compact fluorescent lamp sources
- Unit may be ceiling or wall mounted

Listings

UL Listed. CSA Certified (see Options). For use in 25°C ambient temperatures and wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: VR1 7TT 120 LPI

Series	Lamp type ¹	Voltage ¹	Lens	Options ⁴	Lamped ⁸
VR1 Opal lens	(blank) Incandescent ^{2,3}	120	(blank) VR1: White opal; VR2: Clear prismatic	AL Aluminum backplate	LPI Lamp included (standard)
VR2 Clear prismatic lens	7TT 7W fluorescent twin-tube		HBE Horizontal black eyelid	DC Single DC bayonet base socket (incandescent, 25W max)	L/LP Less lamp
			PBT Perimeter black trim	EC Emergency circuit (incandescent, 25W max) ⁵	
			VBE Vertical black eyelid	GLR Internal fast-blow fusing ^{1,6}	
				GMF Internal slow-blow fusing ^{1,6}	
				IHR Internal horizontal reflector	
				IR Internal reflector	
				NL Night light (incandescent, 7W max) ⁵	
				XT Low-energy diode extended lamp life ⁷	
				4S Four screws per unit	
				CSA Meets Canadian standards	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

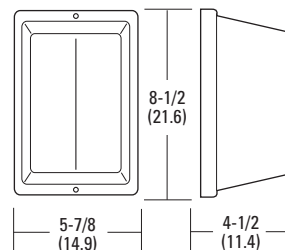
ACCESSORIES

ORDER SEPARATELY

RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

For extension boxes and external visors, see page 638.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Specify for compact fluorescent only.
- Maximum wattage: wall mount = 100W, ceiling mount = 75W.
- Lamp not included.
- For other options and accessories, see Accessories table.
- Maximum wattage lamp provided.
- Must specify voltage.
- Available for incandescent units only.
- Fluorescent lamp included unless L/LP is specified.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

Decorative luminaire for general illumination of rough service (vandal resistant) applications. Ideal for applications that require maximum light capabilities for safety and security.

Features

- One-piece cast aluminum, finished in black polyester powder coat
- Perimeter housing gasket is one-piece, die cut, closed-cell neoprene to seal out contaminants
- Available with white opal (VR1B) or clear prismatic (VR2B) lens

- Lens secured to housing with either stainless steel tamper resistant Torx T20 screws or stainless steel hex head screws (two of each included)
- Electronic HPF multivolt ballast, Exception: 7TT is electromagnetic, NPF
- Unit may be ceiling or wall mounted

Listings

UL Listed. CSA Certified (see Options). UL Listed for 25°C ambient temperatures and wet locations.

VR1B VR2B

**ORDERING INFORMATION**

Specifications subject to change.

Example: VR1B 7TT 120 LPI

Series	Lamp type	Voltage	Options ³	Lamped ⁸
<u>Opal polycarbonate lens</u>				
VR1B	Perimeter black trim	7TT	EC Emergency circuit (incandescent, 25W max) ^{4,5}	LPI Lamp included (standard)
VR1BV	Vertical black eyelid		GLR Internal fast-blow fusing ⁶	L/LP Less lamp
VR1BH	Horizontal black eyelid		GMF Internal slow-blow fusing ⁶	
<u>Clear prismatic lens</u>			NL Night light (incandescent, 7W max) ^{1,4,5}	
VR2B	Perimeter black trim	26TRT	PE Photoelectric cell (button type) ⁶	
VR2BV	Vertical black eyelid	32TRT	SCB Surface conduit backbox, black ⁷	
VR2BH	Horizontal black eyelid		CSA Meets Canadian standards	

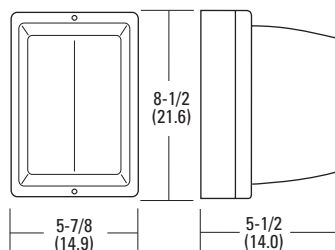
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin
SCB	Surface conduit backbox, black

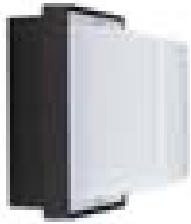
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

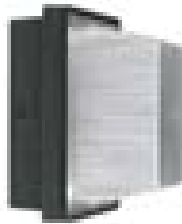
- 1 120V only.
- 2 Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating on any line voltage between 120V and 277V.
- 3 For other options and accessories, see Accessories table.
- 4 Maximum wattage lamp provided.
- 5 Available for single-lamp units only.
- 6 Must specify voltage. Not available with MVOLT.
- 7 Replaces standard backbox. UL Listed for damp locations.
- 8 Lamp included unless L/LP is specified.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VR1C VR2C



VR1C



VR2C

Intended Use

General illuminations for rough service vandal resistant applications. Ideal for applications that require maximum light capabilities for safety and security.

Features

- One-piece die-cast aluminum housing
- One-piece silicone perimeter lens gasket and closed cell neoprene housing gasket

- Available with white opal (VR1C) or clear prismatic (VR2C) lens
- Lens secured to housing with either stainless steel tamper resistant Torx® T20 screws or stainless steel hex
- Suitable for ceiling or wall mounting

Listings

UL Listed. CSA Certified (see Options). NOM Certified (see Options). For use in 25°C ambient temperatures and wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: VR2C 50M 277 IR LPI

Series		Lamp type			Lens		Voltage
VR1C	Opal lens	<u>Twin-tube</u>	<u>Triple-tube</u>	<u>High pressure sodium</u> ^{1,2}	(blank)	VR1C: White opal,	120
VR2C	Clear prismatic lens	7TT	26TRT	35S	HBE	VR2C: Clear prismatic	277
		2/7TT	32TRT	50S	PBT	Horizontal black eyelid	347
		13DTT	42TRT	70S	VBE	Perimeter black trim	MVOLT ^{3,4}
		18DTT		<u>Metal halide</u> ²		Vertical black eyelid	
		26DTT		50M			
Options ⁵						Lamped ⁹	
EC	Emergency circuit (incandescent, 25W max) ⁶	IR	Internal reflector ²	CSA	Meets Canadian standards	LPI	Lamp included (standard)
GLR	Internal fast-blow fusing ^{4,7}	NL	Night light (incandescent, 7W max) ^{1,6}	NOM	Meets Mexican standards	L/LP	Less lamp
GMF	Internal slow-blow fusing ^{4,7}	PE	Photoelectric cell (button type) ⁷				
IHR	Internal horizontal reflector ²	SF	Single fuse (120, 277, 347) ⁸				

ADDITIONAL INFORMATION

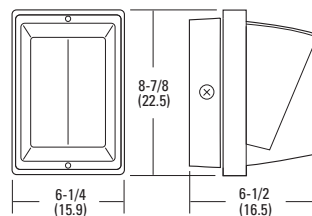
For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



All dimensions are shown in inches (centimeters) unless otherwise specified.

Notes

- 1 120V only.
- 2 Must specify IR or IHR on wall-mount HID units.
- 3 Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating on any line voltage between 120V and 277V.
- 4 Available for compact fluorescent units only.
- 5 For other options and accessories, see Accessories table.
- 6 Maximum wattage lamp provided.
- 7 Must specify voltage. Not available with MVOLT.
- 8 Available for HID units only.
- 9 Lamp(s) included unless L/LP is specified.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

For entrances, stairwells, corridors, and other pedestrian areas where safety and security are concerned.

Features

- Normal power factor (NPF) backplate is heavy-gauge steel
- High power factor (HPF) housing is heavy duty cast aluminum, finished in dark bronze
- Injection-molded, one-piece, UV stabilized polycarbonate lens

- Optical system is sealed and gasketed to inhibit entrance of outside contaminants
- NPF unit mounts to standard J box
- Surface conduit mount requires extension collar accessory
- HPF units may be mounted flush to wall or horizontally facing down

Listings

UL Listed. CSA Certified (see Options). For use in 25°C ambient temperatures and wet locations. IP64 rated.

TWL**ORDERING INFORMATION**

Specifications subject to change.

Example: TWL 50S 120 SF LPI

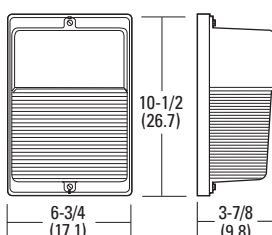
Series	Lamp type	Voltage	Ballast	Options ¹¹	Finish	Lamped ¹³
TWL	High pressure sodium	26TRT	(blank)	SF Single fuse (120V, 277V) ^{5,12}	(blank)	LPI Lamp included (standard)
	Fluorescent	32TRT	RHP	PE Photoelectric cell (button type) ^{3,12}	DNA	L/LP Less lamp
	7TT ¹	208 ^{3,4,5}		GLR Internal fast-blow fusing ^{8,12}	DBL	
	35S ¹	240 ^{3,4,5}		GMF Internal slow-blow fusing ^{8,12}	DMB	
	50S	277 ³	XHP	CSA Meets Canadian standards	DWH	
	70S	347 ³		NOM Meets Mexican standards (consult factory)	DSS	
	13TT ¹	Incandescent				
	13DTT ¹	1 ^{1,2}				
	26DTT	TB ^{3,5,6}				
		MVOLT ^{7,8}				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

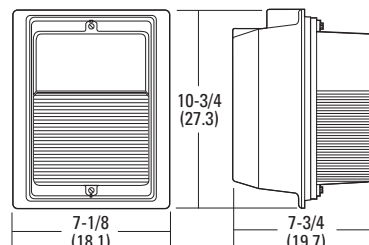
LAMP/FIXTURE DATA			
LAMP TYPE	BALLAST	LAMP SIZE	BASE TYPE
35S	RNP	E17	Medium
35S	RHP	E17	Medium
50S	RNP	E17	Medium
50S	RHP	E17	Medium
50S	XHP	E17	Medium
70S	RNP	E17	Medium
70S	RHP	E17	Medium
70S	XHP	E17	Medium
7TT	RNP	T4	G23
9TT	RNP	T4	G23
13TT	RNP	T4	GX23
13DTT	RNP	T4	GX24q-1
26DTT	HPF	T4	G24q-3
26TRT	HPF	T4	G24q-3
32TRT	HPF	T4	GX24q-3
42TRT	HPF	T4	GX24q-4

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Weight: 4 lbs (1.8 kg)

Steel Backplate



Weight: 8.5 lbs (3.9 kg)

Cast Housing

Notes

- 1 120V only.
- 2 A19 lamp (75W max, lamp not included).
- 3 Requires cast HPF back housing.
- 4 Consult factory for availability in Canada.
- 5 Available for HID units only.
- 6 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V-277V.
- 7 Optional multi-volt electric ballast (for compact fluorescent) capable of operating on any line voltage from 120V-277V.
- 8 Available with compact fluorescent units only.
- 9 HPS only. Not available in 35S.
- 10 Available for 120V only. Standard for 208V, 240V, 277V, 347V and TB.
- 11 For other options and accessories, see Accessories table.
- 12 Not available with multi-tap ballast.
- 13 Lamp(s) included unless L/LP is specified.
- 14 Order TWAWG with TWLMB, EP or HPF.
- 15 120V NPF units only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

VR3 VR4



Intended Use

General illumination for rough service (vandal-resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- Heavy-duty, 16-gauge cold roll steel backplate
- Closed cell neoprene gasket to seal out moisture and contaminants

- Clear prismatic or white polycarbonate lens available
- Keyhole slots simplify wall or ceiling installation surface mount for maximum vandal resistance

Listings

UL Listed. CSA Certified (see Options). For use in 25°C ambient temperatures and wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: VR4 2/26DTT MVOLT LPI

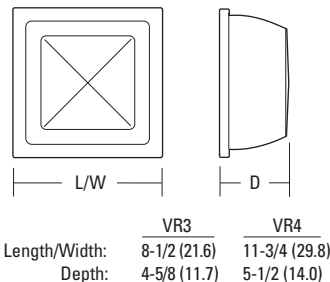
Series	Lamp type ¹			Lens		Voltage	Options ⁵			Lamped ¹⁰			
VR3 8-1/2" x 8-1/2"	<u>Incandescent</u> ²	13TT	26DTT	(blank)	Clear prismatic	120	AL	Aluminum backplate	IR	Internal reflector	LPI	Lamp(s) included (standard)	
VR4 11-3/4" x 11-3/4"	(blank) Incandescent	2/13TT	2/26DTT	WP	White polycarbonate	277	EC	Emergency circuit (incandescent, 25W max) ⁵	NL	Night light (incandescent, 7W max) ^{3,6}	L/LP	Less lamp(s)	
	<u>Twin-tube</u> ³	<u>Double twin-tube</u>	<u>Triple-tube</u>			347				SM1			Single medium-base incandescent socket ⁹
	7TT					MVOLT ⁴	DS	Dual switching					
	2/7TT	13DTT	2/26TRT				4S	Four screws per unit	XT	Low-energy diode extended lamp life ⁹			
	9TT	2/13DTT	32TRT				GLR	Internal fast-blow fusing ^{7,8}	CSA	Meets Canadian standards			
	2/9TT	18DTT	42TRT										
		2/18DTT											

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS	
SERIES	LAMP TYPE
VR3	75W ¹¹ , 100W ¹² , 150W ^{12,13} , 7TT, 2/7TT, 9TT, 2/9TT
VR4	2/60W, 2/75W ¹² , 100W ¹² , 150W ^{12,13,14} , 7TT, 2/7TT, 9TT, 2/9TT, 13TT, 2/13TT, 13DTT, 2/13DTT, 18DTT, 2/18DTT, 26DTT, 2/26DTT, 26TRT, 2/26TRT, 32TRT, 42TRT
ACCESSORIES	
ORDER SEPARATELY	
RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 See Configurations table for lamp compatibility.
- 2 Leave lamp type information blank for incandescent.
- 3 120V only.
- 4 Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating on any line voltage between 120V and 277V.
- 5 For other options and accessories, see Accessories table.
- 6 Maximum wattage lamp provided.
- 7 Available for compact fluorescent units only.
- 8 Must specify voltage. Not available with MVOLT.
- 9 Available for incandescent units only.
- 10 Compact fluorescent lamp(s) included unless L/LP is specified.
- 11 Maximum ceiling-mount wattage.
- 12 Wall-mount only.
- 13 Available for base-up wall mounting using an A21 lamp.
- 14 Single-socket incandescent on wall: order SM1 option.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

General illumination for rough service (vandal-resistant) applications. Ideal for interior or exterior applications where safety and security are a concern.

Features

- Housing constructed from one-piece die-cast aluminum
- Closed cell neoprene gasket to seal out moisture and contaminants

- Clear prismatic or white polycarbonate lens available
- Unit may be ceiling or wall mounted
- For maximum vandal resistance mount unit to structure through four mounting holes provided

Listings

UL Listed. CSA Certified (see Options). For use in 25°C ambient temperatures and wet locations in covered ceiling applications.

VR3C VR4C VR4CV

**ORDERING INFORMATION**

Specifications subject to change.

Example: VR3C 2/26TRT MVOLT LPI

Series	Lamp type ¹					Lens		Voltage	Ballast configuration	
VR3C	<u>Twin-tube</u> ²	18DTT	2/32TRT	150S	<u>Ceramic metal halide</u>	(blank)	Clear prismatic	120	(blank)	Standard configuration
VR4C	2/7TT	2/18DTT	42TRT	<u>Metal halide</u>		WP	White polycarbonate	208 ⁵	2/1	Two 1-lamp ballasts ⁷
VR4CV	2/9TT	26DTT	2/42TRT	50M ^{3,4}	50MHC			240 ⁵		
	13TT	2/26DTT	<u>High pressure sodium</u>	70M ³	70MHC			277		
	2/13TT	<u>Triple-tube</u>	35S ²	100M	100MHC			347		
	<u>Double twin-tube</u>	26TRT	50S	150M ³	150MHC			480 ⁵		
	13DTT	2/26TRT	70S	175M				TB ^{5,6}		
	2/13DTT	32TRT	100S					MVOLT ^{7,8}		
Ballast		Options ¹²						Lamped ¹⁷		
(blank)	Standard ballast	SF	Single fuse (120, 277, 347V) ^{5,9}				IR	Internal reflector ¹⁵		LPI Lamp(s) included (standard)
ADEZ	Advance® Mark X® electronic dimming ballast ^{7,9,10}	DF	Double fuse (208, 240, 480V) ^{5,9}				GLR	Internal fast-blow fusing ^{7,9}		
DMHL	LUTRON® Hi-lume® electronic dimming ballast ^{7,9,10,11}	DS	Dual switching ^{7,13}				GMF	Internal slow-blow fusing ^{7,9}		L/LP Less lamp(s)
<u>Pulse start metal halide</u>		QRS	Quartz restrike system ^{3,5,14}				CSA	Meets Canadian standards		
For shipments to U.S. territories, SCWA must be specified to comply with EISA.		EC	Emergency circuit (incandescent, 25W max) ¹⁴				NOM	Meets Mexican standards ^{5,16}		
SCWA Super CWA pulse start ballast ⁵		NL	Night light (incandescent, 7W max) ^{2,14}				INTL	Available for MH probe start shipping outside the U.S.		
		PE	Photoelectric cell (button type) ⁹							

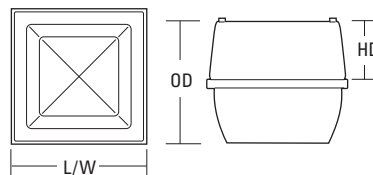
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	LAMP TYPE
VR3C	2/7TT, 2/9TT, 13DTT, 2/13DTT, 18DTT, 2/18DTT, 26DTT, 2/26DTT, 26TRT, 2/26TRT, 32TRT, 42TRT, 35S, 50S, 70S, 100S, 50M, 70M, 50MHC, 70MHC, 100MHC
VR4C	2/7TT, 2/9TT, 13TT, 2/13TT, 13DTT, 2/13DTT, 18DTT, 2/18DTT, 26DTT, 2/26DTT, 26TRT, 2/26TRT, 32TRT, 42TRT, 2/42TRT, 35S, 50S, 70S, 100S, 50M, 70M, 100M, 50MHC, 70MHC, 100MHC
VR4CV	35S, 50S, 70S, 100S, 150S, 50M, 70M, 100M, 150M, 175M, 50MHC, 70MHC, 100MHC, 150MHC

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

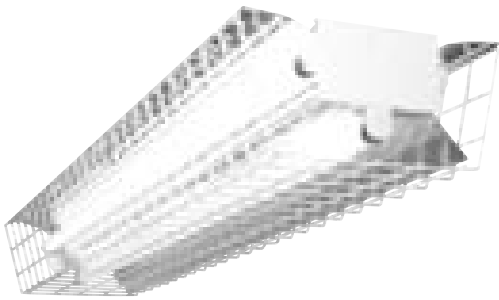
- See Configurations table for lamp compatibility.
- 120V only.
- Not available in 480V.
- Not available with 120V
- Available for HID units only.
- Multi-tap ballast. U.S.: 120V, 208V, 240V, 277V. Canada: 120V/347V.
- Available for compact fluorescent units only.
- Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating on any line voltage between 120V and 277V.
- Must specify voltage. Not available with MVOLT or TB.
- Available with 26DTT and all single TRT lamps; excludes 42TRT.
- Available with 2/26TRT - VR4C only.
- For other options and accessories, see Accessories table.
- Cannot be ordered with EC or PE options.
- Maximum wattage lamp provided.
- HID wall-mounted units require IR option.
- Consult factory for availability.
- Lamp(s) included unless L/LP is specified.

ACCESSORIES	
ORDER SEPARATELY	
RK1 T20BIT	TORX® TX20 hex-base driver bit for tamper-resistant screws with center reject pin
RK1 T20DRV	TORX® TX20 screwdriver for tamper-resistant screws with center reject pin

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

FDK

**Intended Use**

High efficiency speciality luminaire specifically designed for task lighting and general lighting of truck loading areas. The side mounted lamps and reflectors are designed to direct light into trailers while the downward lamp lights the staging area. Heavy gauge wire guards protect the lamps and reflectors from damage.

Features

- Channel, ends, and socket brackets are manufactured from 22-gauge cold rolled steel
- Standard high gloss white baked enamel finish

- Precision formed, high-performance, 95% total reflectance, segmented optics utilizing premium specular aluminum
- Instant on/off control
- Thermally protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA with standard ballast, sound rated A
- Fixture may be suspended by chain or cable

Listings

UL Listed for damp locations up to 25°C ambient temperatures.

ORDERING INFORMATION

Specifications subject to change.

Example: FDK4 3 32 F1X32 MVOLT 1/3 GEB10ISH PAF WG

Series	Number of lamps	Lamp type	Distribution/reflector		Voltage	Ballast configuration
FDK4 4' fixture	2 2-lamp profile	32 32W T8	Distribution	Reflector	MVOLT	(blank) All 2-lamp ballasts
FDK8 8' fixture	3 3-lamp profile		F1 Focus (0.9>SC)	X32 Specular aluminum		1/3 One 3-lamp ballast
						1/4 One 4-lamp ballast
						1/4 1/2 One 4-lamp & one 2-lamp ballast
						2/3 Two 3-lamp ballasts
Ballast		Lamp color			Options	
GEB10IS	T8 electronic ballast, ≤10% THD, instant start, normal BF	(blank)	No lamps		TILW	Tandem inline wiring ¹
GEB10ISH	T8 electronic ballast, ≤10% THD, instant start, high BF	LP830	85 CRI, 3000K, std. life		PAF	Powder coat after fabrication
GEB10PS	T8 electronic ballast ≤THD, program rapid start	LP835	85 CRI, 3500K, std. life		WG	Wireguard, 11-gauge
		LP841	85 CRI, 4100K, std. life			
		LP850	85 CRI, 5000K, std. life			

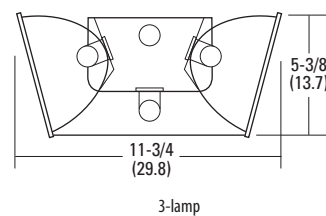
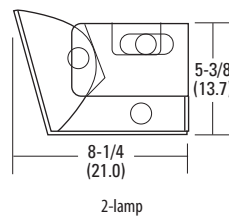
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	NUMBER OF LAMPS	WIDTH	HEIGHT	LENGTH
FDK4	2	8-1/4 (21.0)	5-3/8 (13.5)	48 (121.9)
FDK4	3	11-3/4 (29.8)	5-3/8 (13.5)	48 (121.9)
FDK8	2	8-1/4 (21.0)	5-3/8 (13.5)	96 (243.8)
FDK8	3	11-3/4 (29.8)	5-3/8 (13.5)	96 (243.8)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

¹ Requires multiple ballasts.

Intended Use

Illuminating the interior of tractor trailers during inspection, loading, or unloading.

Features

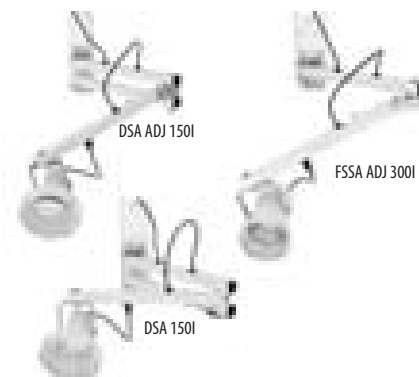
- Double strut construction provides maximum support for the arm and head to allow for long service and no sagging or bending over time
- Arms and struts are constructed of heavy duty 1 - 1/2" cross section, 14-gauge steel tubing

- Electrical cord lengths are designed for easy adjustment and secured via grommets
- Available with polycarbonate or metal lamp heads
- Arm and strut mounting bracket is included

Listings

UL Listed to U.S. and Canadian Safety Standards.

DSA FSSA

**ORDERING INFORMATION**

Specifications subject to change.

Example: DSA40 ADJ 50S LPI

Series/Length ¹	Arms	Lamp type	Options
Series	Length¹	ADJ Adjustable knuckle joint ²	
DSA Double-strut arm	24	150I 150W incandescent polycarbonate lamp head with wireguard; PAR30 or PAR40 only	SED Special environment diffuser (acrylic lens) ⁴
FSSA Folding single-strut arm	40	300I 300W incandescent metal lamp head with wireguard; PAR38 only	FAN Three-speed fan ⁵
	60	50S 50W high pressure sodium polycarbonate lamp head with polycarbonate guard ³	LPI Lamp included ⁶
	90		
	114		

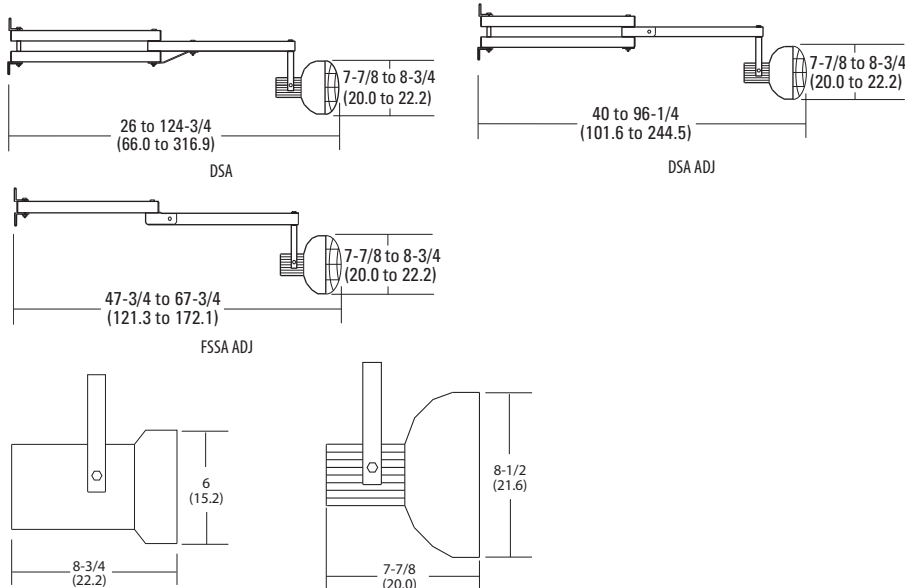
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	NOMINAL LENGTH	ARM LENGTH
DSA	24 (61.0)	22-1/4 (56.5)
DSA	40 (101.6)	41-3/4 (106.0)
DSA	60 (152.4)	62-1/4 (158.1)
DSA	90 (228.6)	91-1/2 (232.4)
DSA	114 (289.6)	124-3/4 (316.9)
FSSA	40 (101.6)	44 (111.8)
FSSA	60 (152.4)	64 (162.6)

ACCESSORIES	
ORDER SEPARATELY	
DL MAG KIT	Portable magnetic mounting kit for lamp heads, includes magnet, 6' cord adaptor and hardware
FAN	Three-speed fan ⁴
HDWB	Heavy-duty wall bracket
MLH	300W incandescent metal lamp head with wireguard
PLHI	150W incandescent polycarbonate lamp head with wireguard
PLHS	50W high pressure sodium polycarbonate lamp head with polycarbonate guard ²
MLHWG6	Replacement wireguard for 300W incandescent metal lamp head
PLHWG8	Replacement wireguard for 150W incandescent polycarbonate lamp head
PLHPG	Replacement polycarbonate guard for 50W high pressure sodium polycarbonate lamp head
SED	Special environment diffuser (acrylic lens) ³

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 See Configurations table for length compatibility.
- 2 Required for FSSA. Optional for DSA. Not available with DSA24, DSA114. Not available with FAN.
- 3 Vacuum metalized polycarbonate lamp head. 90" maximum length.
- 4 Available for 50S only.
- 5 Heavy-duty wall bracket (HDWB) recommended. For fan and DSA arm without lamp head, leave "Lamp type" field blank.
- 6 Standard in 50S models. Not available for incandescent.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

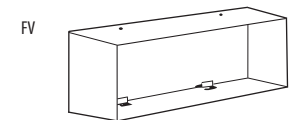
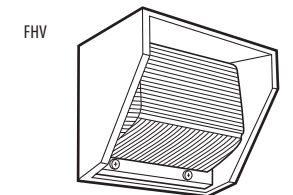
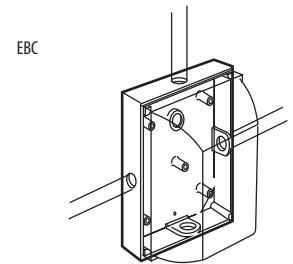
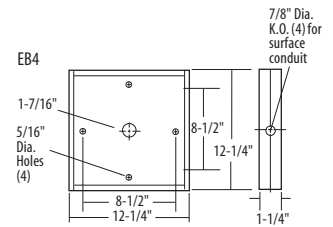
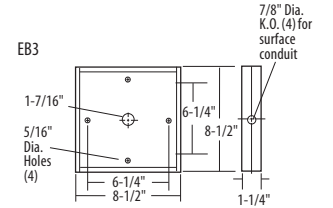
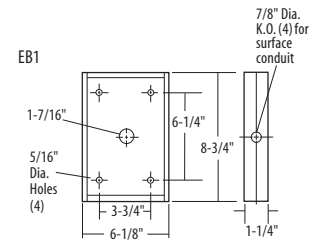
Options & Accessories

TYPE	NOMENCLATURE	DESCRIPTION	VR1	VR2	VR3	VR4	VR1C	VR2C	VR3C	VR4C	VRR
EXTENSION BOXES - WHITE ¹	EB1 U OS	Steel	■	■							
	EB3	Steel			■						
	EB4	Steel				■					
	EB1 AL	Aluminum	■	■							
	EB3 AL	Aluminum			■						
	EB4 AL	Aluminum				■					
	EBC	Cast aluminum	■	■							
EXTENSION BOXES WITH CONVENIENCE OUTLET - WHITE ²	EB1 CO	Steel	■	■							
	EB3 CO	Steel			■						
	EB4 CO	Steel				■					
	EB1 CO AL	Aluminum	■	■							
	EB3 CO AL	Aluminum			■						
	EB4 CO AL	Aluminum				■					
EXTENSION BOXES WITH TOGGLE SWITCH - WHITE ³	EB1 TS1	Steel	■	■							
	EB3 TS1	Steel			■						
	EB4 TS1	Steel				■					
	EB1 TS1 AL	Aluminum	■	■							
	EB3 TS1 AL	Aluminum			■						
	EB4 TS1 AL	Aluminum				■					
EXTENSION BOXES WITH PHOTOELECTRIC CELLS - WHITE ⁴	EBC PEB1	Cast aluminum DNA silver; 120V	■	■							
	EB3 PEB1	Steel; 120V			■						
	EB3 PEB1 AL	Aluminum; 120V			■						
	EB4 PEB1	Steel; 120V				■					
	EB4 PEB1 AL	Aluminum; 120V				■					
	EB4 PEB2	Steel; 277V				■					
	EB4 PEB2 AL	Aluminum; 277V				■					
EXTERNAL VISORS - DARK BRONZE	FHV	Steel horizontal; shields up & side illumination	■ ⁵	■ ⁵					■ ⁵		
	FHV AL	Aluminum horizontal; shields up & side illumination	■ ⁵	■ ⁵					■ ⁵		
	FHVC	Steel horizontal; shields up & side illumination							■ ⁵		
	FHVC AL	Aluminum horizontal; shields up & side illumination							■ ⁵		
	FV1	Steel vertical; shields up & side illumination	■ ⁶	■ ⁶							
	FV1 AL	Aluminum vertical; shields up & side illumination	■ ⁶	■ ⁶							
	FV2C	Steel vertical					■	■			
	FV2C AL	Aluminum vertical					■	■			
	FV3	Steel vertical; shields up & side illumination			■						
	FV3 AL	Aluminum vertical; shields up & side illumination			■						
	FV3C	Steel vertical							■		
	FV3C AL	Aluminum vertical							■		
	FV4	Steel vertical				■					
	FV4 AL	Aluminum vertical; shields up & side illumination				■					
	FV4C	Steel vertical								■	
	FV4C AL	Aluminum vertical								■	
	PF	Plaster frame; provides clean edge for ceiling opening									■

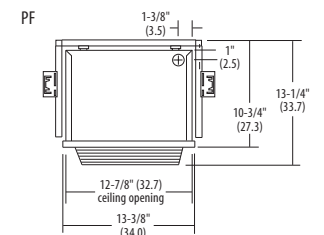
TYPE	NOMENCLATURE	DESCRIPTION
SCREWDRIVERS	RK1 T10DRV	TORX® TX10 ⁷
	RK1 T20DRV	TORX® TX20 ^{8,9}
	RK1 T20BIT	TORX® TX20 hex-base driver bit ⁸

Notes

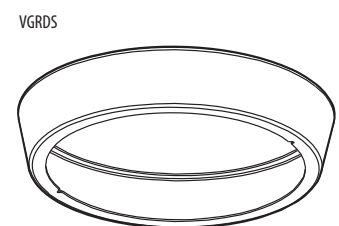
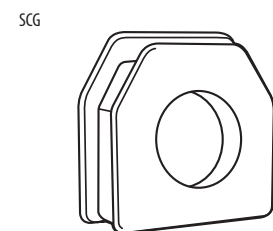
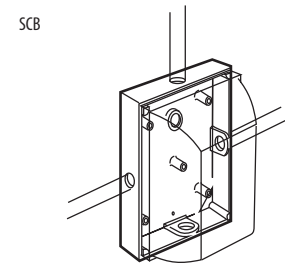
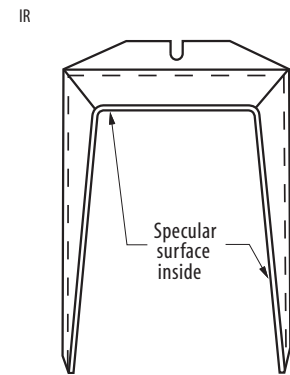
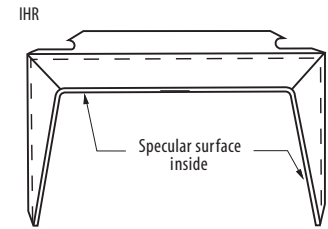
- 1 For surface conduit application. Not UL Listed for wet locations.
- 2 For surface conduit application. Outlet is 15A, 125V for easy access to electrical supply. Not for outdoor use. Not UL Listed for wet locations.
- 3 For surface conduit application. Toggle switch is 15A, 125V for easy access to electrical supply. Not for outdoor use. Not UL Listed for wet locations.
- 4 For surface conduit application. Photoelectric cell is button type, 120V or 277V. Not for outdoor use. Not UL Listed for wet locations.
- 5 Use with two-screw units only.
- 6 Use with four-screw units only.
- 7 Use with Gateway® set screws.
- 8 Use with tamper-resistant screws with center reject pin.
- 9 Use with Gateway® TRS option.



FV - Full visor (KFL & ASF)



TYPE	NOMENCLATURE	DESCRIPTION
BALLAST	ADCF	Advance® electronic fluorescent ballast. Requires four-pin lamp (120V or 277V only).
	ADEZ	Advance® Mark X® electronic line voltage control dimming ballast (120V or 277V; 26DTT, 26TRT and 32TRT).
	CW	Cold-weather ballast for linear fluorescent fixtures.
	CW20	Cold-weather ballast, -20°F, for linear fluorescent fixtures.
	HEB	Electronic HID ballast. 120-277V, 50-60Hz. THD < 15%, PF > 90.
	DMHL	LUTRON® Hi-Lume® electronic three-wire line voltage control dimming ballast (120V or 277V; 26DTT, 26TRT and 32TRT).
	MOTCF	Osram® Sylvania™ electronic fluorescent ballast. Requires four-pin lamp.
	RHP	Reactor high power factor ballast (HPS and 120V only).
	TUBCF	Universal™ Lighting Technologies electronic fluorescent ballast. Requires four-pin lamp.
	XHP	High-reactance high power factor ballast (208V, 240V, 277V, 347V and TB). Available with HPS only (35S not available).
MISCELLANEOUS	4S	Four screws per unit.
	AL	Aluminum backplate for VR1/VR2; aluminum housing for VDC/VDS.
	ALDF	Aluminum door frame. Required for use with VRR DHL (drop Holophane® glass lens).
	DL	Damp location listing for VSL/VSLC.
	IHR	Internal horizontal reflector. Required for HID wall-mount units. For use with utilitarian products.
	IR	Internal vertical reflector. Required for HID wall-mount units. For use with utilitarian products.
	L/LP	Less lamp(s).
	LPI	Lamp(s) included.
	SCB	Surface conduit backbox. For use with VR1B/VR2B series. Replaces standard backbox. UL Listed for damp locations. May be ordered separately as an accessory.
	SCG	Surface conduit gaskets (one pair, not installed) for VSL/VSLC. Fixture maintains wet location listing.
	STS	Stainless steel housing, natural. Available with VDC/VDS.
	STSW	Stainless steel housing, white. Available with VDC/VDS and VW/VWC.
	TRS	Tamper-resistant screws. Stainless steel TORX® T20 screws with center reject pin.
	VGRDS	Decorative shroud. For use with round, deep-profile Gateway® units. Mounts over die-cast housing to cover surface conduit entries for a more aesthetically pleasing look. May be ordered separately as an accessory - VGRDS XXXX (must specify color).
	WL	Wet location.
	INTL	Available for MH probe start shipping outside the U.S.. Available with VR4CV & VRR
	IP64	Dust-tight and protected against water splashing in any direction. Available with VRR
ELECTRICAL	2/1	Two 1-lamp ballasts. Two lamps/two ballasts.
	DF	Double fuse. Use with 208V, 240V, 480V. Not available for multi-tap ballast. In-line fusing isolates luminaire from circuit. Externally accessible.
	DS	Dual switching. Two lamps/two ballasts. Requires two separate power inputs so each lamp/ballast combo operates as a separate system.
	EC	Emergency circuit. Factory-installed, double-contact, bayonet-base quartz socket with socket leads for use with separate external emergency power system.
	ELDW	Integral emergency battery system for fluorescent units. 750 lumens maximum.
	GLR	Internal fast-blow fusing.
	GMF	Internal slow-blow fusing.
	L/JB	Less junction box. For use with induction lighting system.
	NL	Incandescent night light. 7W maximum. Lamp included.
	NLCF	Compact fluorescent night light. 9W maximum. Lamp included.
	PE	Photoelectric cell (button type). Not available with multi-tap ballasts or 480V.
	QRS	Quartz restrike system. Factory-installed, double-contact, bayonet-based quartz socket with socket leads. Automatically switches 12V quartz lamp on if there is a power interruption or brownout significant enough to cause the primary HID lamp to drop out. The 120V quartz lamp stays on until the HID fixture restrikes. QRS does not energize during cold-start of HID luminaires or at end of life of HID lamp. Wiring of the quartz lamp is internal to the ballast assembly; the 120 volts required to operate the quartz lamp is supplied by the ballast. Wattage of the quartz lamp should not exceed that of the HID source. Maximum wattage lamp included.
	QRSTD	Quartz restrike system with time delay. Operates like QRS except auxiliary lamp remains on for two minutes after HID lamp expires.
	RIF1	Radio interference filter, one per fixture. For one filter per ballast, specify RIF2. Use with linear fluorescent units only.
	SF	Single fuse. Use with 120V, 277V, 347V. Not available for multi-tap ballasts. In-line fusing isolates luminaire from circuit. Externally accessible.
	SM1	Single medium-base incandescent socket. Use with VR4 100W and 150W incandescent.
	XT	Low-energy diode, extended lamp life. Use with incandescent units only.



PRODUCT INFORMATION

LAMP & BALLAST DATA					
FIXTURE	LAMP TYPE	WATTAGE	BALLAST	WEIGHT IN LBS.	LAMP BASE
VGR STEEL	Fluorescent	13W	Electromagnetic, NPF	8.5	GX23
VGR STEEL	Fluorescent	13W	Electronic, HPF	9.8	G24q-1
VGR STEEL	Fluorescent	18W	Electronic, HPF	9.8	G24q-2
VGR STEEL	Fluorescent	26W	Electronic, HPF	9.8	G/GX24q-3
VGR STEEL	Fluorescent	32W	Electronic, HPF	9.8	GX24q-3
VGR STEEL	Fluorescent	42W	Electronic, HPF	9.8	GX24q-4
VGO STEEL	Fluorescent	13W	Electromagnetic, NPF	8.5	GX23
VGO STEEL	Fluorescent	13W	Electronic, HPF	9.8	G24q-1
VGO STEEL	Fluorescent	18W	Electronic, HPF	9.8	G24q-2
VGO STEEL	Fluorescent	26W	Electronic, HPF	9.8	G/GX24q-3
VGO STEEL	Fluorescent	32W	Electronic, HPF	9.8	GX24q-3
VGR CAST	Fluorescent	13W	Electromagnetic, NPF	8.5	GX23
VGR CAST	Fluorescent	13W	Electronic, HPF	9.8	G24q-1
VGR CAST	Fluorescent	18W	Electronic, HPF	9.8	G24q-2
VGR CAST	Fluorescent	26W	Electronic, HPF	9.8	G/GX24q-3
VGR CAST	Fluorescent	32W	Electronic, HPF	9.8	GX24q-3
VGR CAST	Fluorescent	42W	Electronic, HPF	9.8	GX24q-4
VGR CAST	High pressure sodium	50W	HX-HPF	16.3	Medium
VGR CAST	High pressure sodium	70W	HX-HPF	12.8	Medium
VGR CAST	Metal halide	50W	HX-HPF	11.4	Medium
VGO CAST	Fluorescent	13W	Electromagnetic, NPF	8.5	GX23
VGO CAST	Fluorescent	13W	Electronic, HPF	9.8	G24q-1
VGO CAST	Fluorescent	18W	Electronic, HPF	9.8	G24q-2
VGO CAST	Fluorescent	26W	Electronic, HPF	9.8	G/GX24q-3
VGO CAST	Fluorescent	32W	Electronic, HPF	9.8	GX24q-3
VGO CAST	High pressure sodium	50W	HX-HPF	16.3	Medium
VGO CAST	Metal halide	50W	HX-HPF	11.4	Medium
VRR	Incandescent	150W		23.7	A21IF
VRR	Fluorescent	9W	Electromagnetic, NPF	23.3	GX23
VRR	Fluorescent	13W	Electromagnetic, NPF	27.1	GX23
VRR	Fluorescent	13W	Electronic, HPF	27.1	G24q-1
VRR	Fluorescent	18W	Electronic, HPF	27.1	G24q-2
VRR	Fluorescent	26W	Electronic, HPF	25.35	G24-q
VRR	Fluorescent	32W	Electronic, HPF	25.35	GX24q-3
VRR	Fluorescent	42W	Electronic, HPF	25.35	GX24q-4
VRR	High pressure sodium	35W	R-HPF	26	Medium
VRR	High pressure sodium	50W	HX-HPF	28.95	Medium
VRR	High pressure sodium	70W	HX-HPF	27.88	Medium
VRR	High pressure sodium	100W	HX-HPF	26.88	Medium
VRR	High pressure sodium	150W	HX-HPF	32.5	Medium
VRR	Metal halide	50W	HX-HPF	28.35	Medium
VRR	Metal halide	70W	HX-HPF	30.75	Medium
VRR	Metal halide	100W	HX-HPF	30.75	Medium
VRR	Metal halide	150W	HX-HPF	30.75	Medium
VRR	Metal halide	150W	SCWA	31.35	Medium
VRR	Metal halide	175W	CWA	31.38	Mogul
VRR	Metal halide	175W	SCWA	32.18	Mogul
VR1-VR2	Incandescent	100W	N/A	2.4	A19IF
VR1-VR2	Fluorescent	7W	Electromagnetic, NPF	5	G23
VR1C-VR2C	Fluorescent	13W	Electronic, HPF	5.45	G24q-1
VR1C-VR2C	Fluorescent	18W	Electronic, HPF	5.45	G24q-2
VR1C-VR2C	Fluorescent	26W	Electronic, HPF	5.75	G/GX24q-3
VR1C-VR2C	Fluorescent	32W	Electronic, HPF	5.75	GX24q-3
VR1C-VR2C	Fluorescent	42W	Electronic, HPF	5.75	GX24q-4
VR1C-VR2C	High pressure sodium	35W	R-NPF	5.75	Medium
VR1C-VR2C	High pressure sodium	50W	R-NPF	5.9	Medium

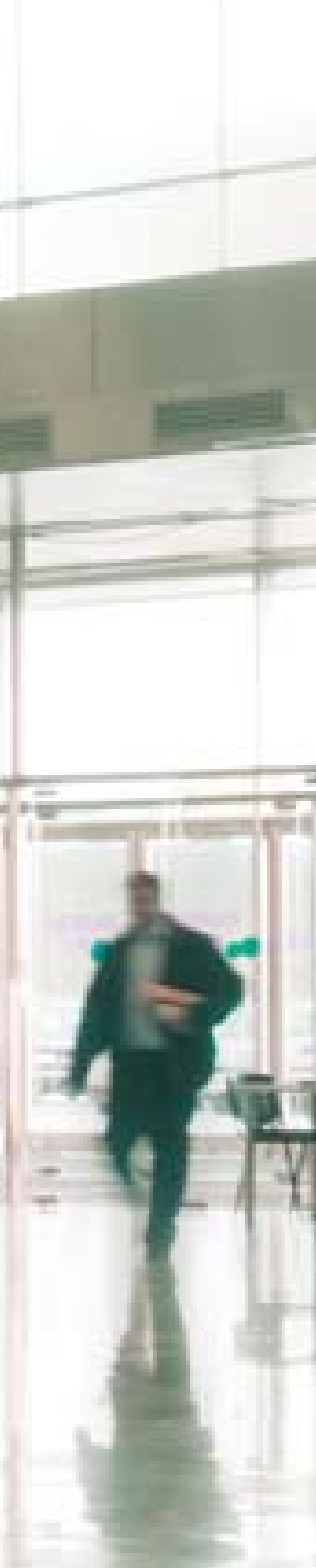
LAMP & BALLAST DATA					
FIXTURE	LAMP TYPE	WATTAGE	BALLAST	WEIGHT IN LBS.	LAMP BASE
VR1C-VR2C	Metal halide	50W	HX-HPF	6.6	Medium
VR1C-VR2C	Metal halide	50W	R-NPF	6.6	Medium
VR1B-VR2B	Fluorescent	7W	Electromagnetic, NPF	5	G23
VR1B-VR2B	Fluorescent	13W	Electronic, HPF	9.8	G24q-1
VR1B-VR2B	Fluorescent	26W	Electronic, HPF	9.8	G/GX24q-3
VR1B-VR2B	Fluorescent	32W	Electronic, HPF	9.8	GX24q-3
VR1B-VR2B STEEL	Fluorescent	7W	Electromagnetic, NPF	5	G23
VR1B-VR2B STEEL	Fluorescent	13W	Electronic, HPF	9.8	G24q-1
VR1B-VR2B STEEL	Fluorescent	26W	Electronic, HPF	9.8	G/GX24q-3
VR1B-VR2B STEEL	Fluorescent	32W	Electronic, HPF	9.8	GX24q-3
VR3C - VR4C	Fluorescent	13W	Electronic, HPF	8.5	G24q-1
VR3C - VR4C	Fluorescent	18W	Electronic, HPF	8.5	G24q-2
VR3C - VR4C	Fluorescent	26W	Electronic, HPF	8.5	G/GX24q-3
VR3C - VR4C	Fluorescent	32W	Electronic, HPF	8.5	GX24q-3
VR3C - VR4C	Fluorescent	42W	Electronic, HPF	8.5	GX24q-4
VR3C - VR4C	High pressure sodium	35W	R-NPF	13.65	Medium
VR3C - VR4C	High pressure sodium	50W	R-NPF	16.3	Medium
VR3C - VR4C	High pressure sodium	70W		12.8	Medium
VR3C - VR4C	High pressure sodium	100W		14.6	Medium
VR3C - VR4C	High pressure sodium	150W	R-NPF	11.45	Medium
VR3C - VR4C	Metal halide	50W	HX-HPF	11.4	Medium
VR3C - VR4C	Metal halide	70W	HX-HPF	12.8	Medium
VR3C - VR4C	Metal halide	100W	HX-HPF	14.95	Medium
VR4CV	Metal halide	150W	HX-HPF	15.85	Medium
VR4CV	Metal halide	150W	SCWA	16.45	Medium
VR4CV	Metal halide	175W	CWA	15.4	Medium
VR4CV	Metal halide	175W	SCWA	16.2	Medium

LAMP & BALLAST DATA					
FIXTURE	NUMBER OF LAMPS	LAMP TYPE	WIDTH IN INCHES (CM)	DEPTH IN INCHES (CM)	LENGTH IN INCHES (CM)
VRI	1, 2, 3 ¹	32, 54T5HO ³	7-5/8 (19.4)	4-3/4 (12.1)	50 (127.0)
VRI (DP option)	1, 2, 3 ¹	32, 54T5HO ³	7-5/8 (19.4)	5-5/8 (14.3)	50 (127.0)
VRI	1, 2	96T8HO	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)
TVRI	1 ² , 2 ²	32, 48HO, 54T5HO ³	7-5/8 (19.4)	5-5/8 (14.3)	98 (248.9)
VSL	2	17	9-1/4 (23.5)	3-3/8 (8.6)	25-3/8 (64.5)
VSL	2	32	9-1/4 (23.5)	3-3/8 (8.6)	49-3/8 (125.4)
VSL	2	54T5HO	9-1/4 (23.5)	3-3/8 (8.6)	49-3/8 (125.4)
VSL	3	32	9-1/4 (23.5)	3-3/8 (8.6)	49-3/8 (125.4)
VSLC	1	17	5-3/8 (13.7)	3-3/8 (8.6)	25-3/8 (64.5)
VSLC	1	32	5-3/8 (13.7)	3-3/8 (8.6)	49-3/4 (126.4)
VDC	1, 2	28T5, 32, 48HO, 54T5HO	7-1/2 (19.1)	6-1/8 (15.6)	50-1/16 (127.3)
VDS	1, 2	28T5, 32, 48HO, 54T5HO	7-5/8 (19.4)	4-1/2 (11.4)	50-9/16 (128.6)
VW	2	32	8-3/8 (21.3)	3-1/4 (8.3)	49 (124.5)
VW	3	32	13-1/4 (33.7)	5 (12.7)	49 (124.5)
VW	4	32	13-1/4 (33.7)	3-3/8 (8.6)	49 (124.5)
2VW	2	32	13-1/4 (33.7)	3-3/8 (8.6)	49 (124.5)
VWC	1, 2	17	4-1/2 (11.4)	5-1/4 (13.3)	25-3/8 (64.5)
VWC		32	4-1/2 (11.4)	5-1/4 (13.3)	49-3/8 (125.4)
VRS (1X4)	1, 2, 3	32	12 (30.5)	3-3/4 (9.5)	48 (121.9)
2VRS (2X2)	1, 2	17, U31, U316	24 (61.0)	3-3/4 (9.5)	24 (61.0)
2VRS (2X2)	2, 3	17, U31	24 (61.0)	3-3/4 (9.5)	24 (61.0)
2VRS (2X4)	2, 3, 4, 6	32	24 (61.0)	3-3/4 (9.5)	48 (121.9)
VRT (1X4)	1, 2, 3	32	12 (30.5)	4-1/2 (11.4)	48 (121.9)
2VRT (2X2)	2	17, 20, U31, U316, CF40	24 (61.0)	24 (61.0)	3-3/4 (9.5)
2VRT (2X2)	3	17, 20, U31	24 (61.0)	24 (61.0)	3-3/4 (9.5)
2VRT (2X2)	4	17, 20, CF40	24 (61.0)	24 (61.0)	3-3/4 (9.5)
2VRT (2X4)	2, 3, 4, 6	32	24 (61.0)	48 (121.9)	3-3/4 (9.5)



LITHONIA LIGHTING® EMERGENCY SYSTEMS

Lithonia Lighting manufactures a comprehensive selection of exit signs, emergency lighting units and emergency power systems for a wide range of commercial and industrial applications and special environments. Our extensive product offering includes architectural, commercial and industrial models in a choice of materials and light sources that meet life safety codes. A substantial range of remote heads, options and accessories is also available.



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SOLO

SOLO™ Oval



Intended Use

Suitable for architectural applications where aesthetics and superior performance are required.

Features

- Injection-molded acrylic panels, ultrasonically welded to eliminate visible hardware
- Organically shaped features reduces visual disruption
- Graphically enhanced letters and mirror background optical design engineered to minimize light trespassing
- Chevron directional indicators

- Long-life white LEDs feature very low energy consumption and rated life up to 10 years
- Dual-voltage input capability (120/277V)
- Emergency operation exits use maintenance-free nickel-cadmium battery and self-diagnostics standard
- Recessed mounting. Rough-in section recessed into wall or ceiling for top, back or end mounting capability

Listings

UL Listed. Meets UL924.

ORDERING INFORMATION

Specifications subject to change.

Example: SOLO W 1 RMR LA SD

Series	Housing ¹	Number of faces	Letters/background	Directional indicators ²	Mounting	Options
SOLO Oval exit	(blank) Nickel	1 Single face	RMR Red on mirror	(blank) None	(blank) Ceiling or back	(blank) AC only
	W White	2 Double face	GMR Green on mirror	LA Left	EM End	X2 Provides primary and secondary AC only ³
	B Black			RA Right		FI Fire alarm interface with AC-only
	BZ Bronze			LRA Left and right		SD Ni-cad battery with self diagnostic
				DA Double		SDFIFA Fire alarm interface/flashing/audible flashing, ni-cad battery with Self-diagnostics
						PNL Panel assembly only (must order rough-in section separately)
						ADP Adaptor option to retrofit Precise LRP or FRP product ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

TYPE	VOLTS	FACES	AMPS	WATTS
Standard LED	120	1	.087	1.5
Standard LED	120	2	.178	3.1
Standard LED	277	1	.089	1.8
Standard LED	277	2	.178	3.4
Emergency LED	120	1	.093	2.3
Emergency LED	120	2	.084	3.2
Emergency LED	277	1	.095	2.7
Emergency LED	277	2	.094	3.9

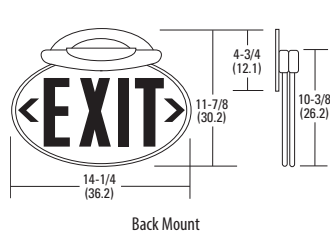
ACCESSORIES

ORDER SEPARATELY

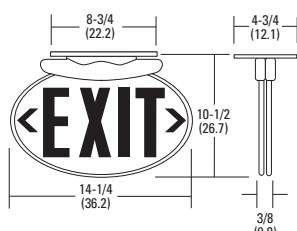
ELA SOLORIS	Rough-in section. Supplied standard with exits unless PNL suffix is specified. Order ELA SOLORIS only if needed for early installation.
ELA SOLOEMK	End-mount accessory kit required for end mounting. Must specify color to match panel; e.g. ELA W SOLOEMK
ELA SOLOPM12	Pendant mounting, 12" length, accessory kit.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight: 8.7 lbs. (3.9 kg)



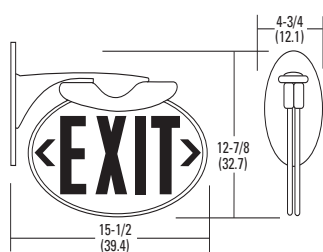
Back Mount



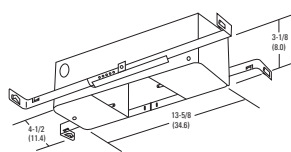
Ceiling Mount



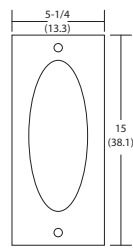
Ceiling Mount with ADP Option



End Mount



Rough-in Section



SOLO Canopy With ADP Option Plate



Pendant Mount

Specification (add to catalog number)	Graphics	
	Back	Front
LA		
RA		
LRA (single face)		
LRA (double face)		
DA		

Notes

- 1 Die-cast housings are powder-coat finishes.
- 2 See specification sheet for configuration details.
- 3 UL Listed as emergency lighting equipment.
- 4 Complete exit panel only (use existing Precise rough-in).

Intended use

Suitable for architectural applications where aesthetics and superior performance are required.

Features

- Injection-molded acrylic panels, ultrasonically welded to eliminate visible hardware
- Depth of molded letters increases toward bottom of panel for better, more uniform illumination. Chevron directional indicators
- Long-life LEDs feature very low energy consumption and rated life up to 10 years

- Emergency operation exits use maintenance-free nickel cadmium battery
- Recessed mounting. Rough-in section recessed into wall or ceiling for back or end mounting capability
- Surface top-mount (TM) option available on non-emergency exits, and attaches directly to J-box; can be used for pendant mounting

Listings

UL Listed, Meets ULp24. NOM Certified (see Options).

LRP

Precise® Edge-Lit Exits
Recessed or Top Mount



Ceiling mount, double face,
LRA chevrons

Back mount, no chevrons

Example: LRP 1 RC 120/277 EL N

ORDERING INFORMATION

Specifications subject to change.

Series	Housing		Number of faces	Letter color		Directional indicators		Voltage		Operation		Mounting		Options		
LRP	(blank)	Brushed aluminum	1 Single	RW	Red on white	(blank)	No chevrons	120/277	Dual voltage	(blank)	Standard non-emergency	(blank)	Recessed, ceiling or back	(blank)	Complete exit panel and rough-in section	
	W	White	2 Double	RC	Red on clear ¹ (single face only)	LA	Left ¹			EL N	Nickel-cadmium battery			PNL	Panel assembly only	
	B	Black		RMR	Red on mirror ²	LRA	Left and right			X2	Lamps wired on two separate circuits ³			NOM	Meets Mexican standards	
	BZ	Bronze		GW	Green on white	DA	Double-face chevrons			EM	TM			End Top ⁴	FI	Fire alarm interface ⁵
	BS	Polished Brass		GC	Green on clear ¹ (single face only)										FA	Flashing emergency operation and intermittent audible alarm ⁵
	CR	Chrome		GMR	Green on mirror ²										F	Flashing emergency operation (one flash/second) ^{5,7}
	U	Unfinished														

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

TYPE	VOLTS	FACES	AMPS	WATTS
Standard LED Red	120	1	.087	1.5
Standard LED Red	120	2	.178	3.1
Standard LED Red	277	1	.089	1.8
Standard LED Red	277	2	.180	3.4
Emergency LED Red	120	1	.093	2.3
Emergency LED Red	120	2	.084	3.2
Emergency LED Red	277	1	.095	2.7
Emergency LED Red	277	2	.094	3.9
Standard LED Green	120	1	.064	1.2
Standard LED Green	120	2	.06	2.0
Standard LED Green	277	1	.062	1.3
Standard LED Green	277	2	.06	2.3
Emergency LED Green	120	1	.07	1.7
Emergency LED Green	120	2	.14	3.7
Emergency LED Green	277	1	.07	1.9
Emergency LED Green	277	2	.14	3.8

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

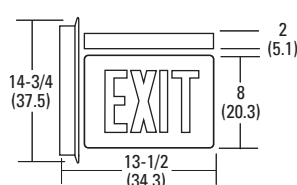
Shipping weight for panel: 5 lbs (2.3kgs)

Shipping weight for rough-in section (non-emergency): 4.6 lbs (2.1kgs)

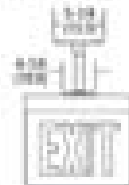
Shipping weight for rough-in section (EL N): 5.8 lbs (2.6kgs)

ACCESSORIES**ORDER SEPARATELY****LED ROUGH-IN SECTION⁶**

Standard	ELA LCRIS	1 or 2 faces, red or green
Standard	ELA LRIS 120 X2	1 or 2 faces, 120V w/X2 option
Standard	ELA LRIS 277 X2	1 or 2 faces, 277V w/X2 option
Emergency	ELA R LRIS 120/277 EL N	1 face, red
Emergency	ELA R 2LRIS 120/277 EL N	2 faces, red
Emergency	ELA G LRIS 120/277 EL N	1 face, green
Emergency	ELA G 2LRIS 120/277 EL N	2 faces, green
Pendant mounting (top mount only)	ELA US12	12" pendant kit with brushed aluminum canopy



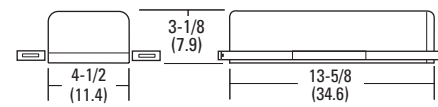
End Mount



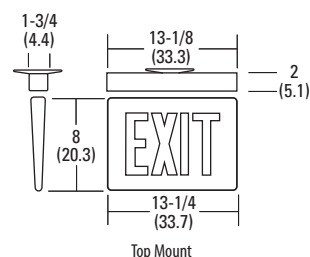
Pendant Mounting Kit

Directional Indicators

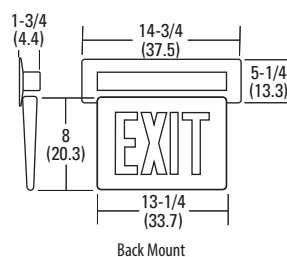
Specification (add to catalog number)	Graphics	
	Back	Front
LA		
RA		
LRA (single face)		
DA		
LRA (double face)		



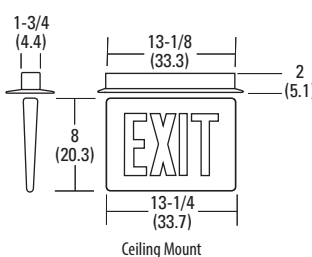
Rough-in Section



Top Mount



Back Mount



Ceiling Mount

Notes

- 1 Single-face exits only.
- 2 Mirror background simulates clear for double-face option.
- 3 Must specify input voltage 120 or 277.
- 4 Non-emergency exits only. No rough-in section required. Attaches directly to J-box.
- 5 Only available with EL N.
- 6 Supplied standard with exit

unless PNL suffix is specified. Order separately only if necessary for early installation. When ordering rough-in separately, all options must be included with rough-in nomenclature (example: ELA LCRIS 120/277 FI).

7 Choice of F or FI. Not available with both.

EDG/EDGR

Edge-Lit Exits



Intended Use

Suitable for applications requiring attractive edge-lit exit signage, universal installation and low energy consumption.

Features

- Aluminum or white finish lamp housing
- Clear panel standard for single face signs
- For single-face clear panels, EXIT is seen as a reversed image from the back, unless ordered with mirror background

- Mirrored separator panel is standard on double-face
- EDG models are Universal surface (top, end or back) mounting. Canopy provided. EDGR models – ceiling recessed mounting or optional wall mount
- The typical life of the exit LED lamp is 10 years

Listings

UL Listed. Meets UL924.

ORDERING INFORMATION

Specifications subject to change.

Example: EDG R EL

Series	Housing color	Number of faces	Letter color	Operations	Options
EDG	Surface mount LED edge-lit exit	(blank) Brushed aluminum W White	1 Single face 2 Double face	R Red on clear (single face only) G Green on clear (single face only)	(blank) AC only EL Nickel-cadmium battery
EDGR	Recessed LED edge-lit ex		RMR Red on mirror ¹ GMR Green on mirror ¹ RW Red on white GW Green on white	X2 Provides primary and secondary AC input ² SD Self-diagnostics ³	WM Recessed wall mount ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

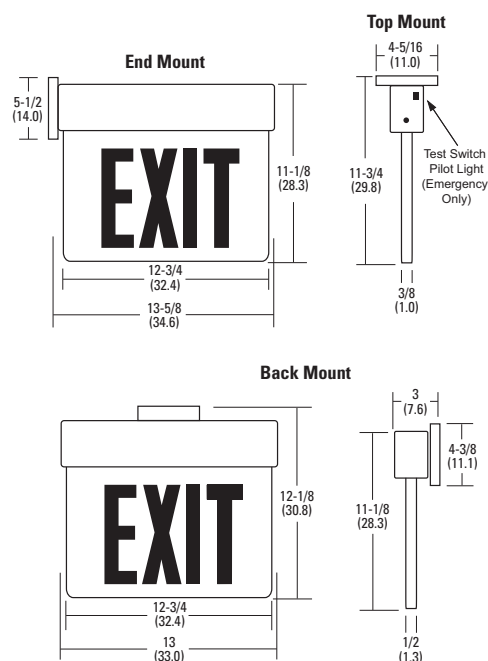
TYPE	SUPPLY VOLTAGE	INPUT WATTS	MAX AMPS	INPUT WATTS	MAX AMPS
Red LED AC only	120	2.5	0.020	3.8	0.030
	277	2.8	0.010	4.5	0.014
Green LED AC only	120	2.2	0.020	3.8	0.030
	277	2.2	0.010	4.5	0.020
Red LED emergency	120	3.0	0.030	3.8	0.031
	277	3.1	0.010	4.5	0.015
Green LED emergency	120	2.6	0.020	3.8	0.031
	277	2.8	0.010	4.5	0.020

ELECTRICAL APPLICATION DATA - EDGRNY

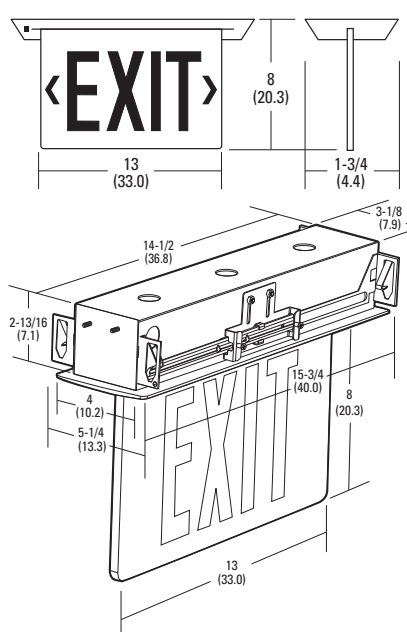
TYPE	SUPPLY VOLTAGE	INPUT WATTS	MAX AMPS
Red LED AC only	120	3	0.025
	277	3	0.011
Red LED emergency	120	3	0.025
	277	3	0.011

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

EDG Shipping Weight: 4lbs (1.8kg)



EDGR Shipping Weight: 6.8 lbs (3.1 kg)



Notes

- Available with EDG and EDGR single-face only. Mirrored panel standard on double-face.
- Not available with EL and SD options.
- Available with EL option only.
- Available on EDGR single face only.

Intended Use

Ideal for applications requiring attractive die-cast aluminum signage, superior illumination, and low energy consumption.

Features

- Solid, die-cast aluminum housing
- Standard finish is brushed aluminum face with matte black housing (other finishes available)
- The self-diagnostic emergency signs comply with NFPA 101 Life Safety Code®



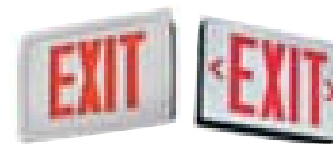
- Completely concealed chevron directional indicator knockouts and mounting hardware
- Universal input capabilities (120 through 277V, 50 or 60 hz)
- Maintenance-free nickel-cadmium battery and reliable, solid-state charging system
- Universal (top, back or end) mounting
- Double face available with top or end mounting only (canopy included)

Listings

UL Listed, Meets UL924.

LE LRE

Signature® Die-Cast Aluminum Exits



Example: LE S 1 R EL N

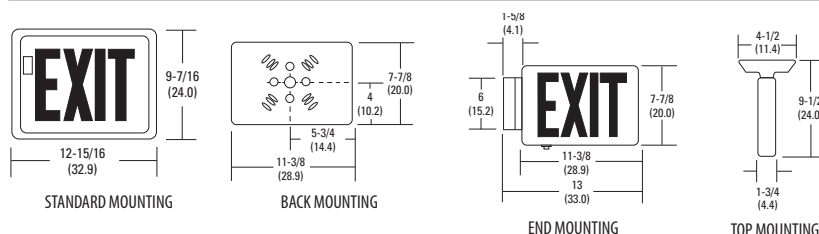
ORDERING INFORMATION

Specifications subject to change.

Series	Face type	Housing	Number of faces	Letter color	Operation	Options
LE	LED, surface mount	S Stencil	1 Single face	R Red	(blank) AC only	(blank) None
		P Panel ¹	2 Double face	G Green	EL N Nickel-cadmium battery back-up	TP Two tamperproof Torx-head screws
LRE	LED, recessed	BZ Dark bronze ²			X2 Lamp wired on two separate AC circuits ³	VR Vandal-resistant shield (1/8" thick polycarbonate) ⁴
		W White			EL N SD Nickel-cadmium with self-diagnosis	FI FA Field selectable fire alarm interface or flashing emergency operation with intermittent audible alarm (one flash per minute) ⁵
		B Matte black ²			WRS EL and self-diagnostics with FIDO wireless reporting system capability	FI Fire alarm flashing interface ⁶
						FA Flashing emergency operation and intermittent audible alarm ⁷

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Panel face available for special wording only.
- 2 Not available on LRE models.
- 3 UL Listed as emergency lighting.
- 4 VR contains tamper-proof screws.
- 5 Available with SD option only.
- 6 Available with AC only and EL N option only.
- 7 Available with EL N option only.

PRODUCT INFORMATION

Specification

Intended Use

Ideal for applications requiring attractive, thin profile, die-cast aluminum signage.

Features

- Die-cast aluminum housing, thin profile, clear laquer, brushed aluminum inhibits fingerprints; white finish available
- Universal directional chevron knockouts are completely concealed and easily removed

- Dual-voltage input (120V/277V)

- Emergency models provided with test switch, status indicator, and automatic recharge battery

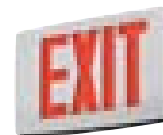
- Universal mounting (top, end, or back). Die-cast aluminum canopy provided

Listings

UL Listed standard. Damp location listing standard. Meets UL924 standards.

TLE

Signature® Die-Cast Aluminum Exits



Example: TLE 1 R EL N

ORDERING INFORMATION

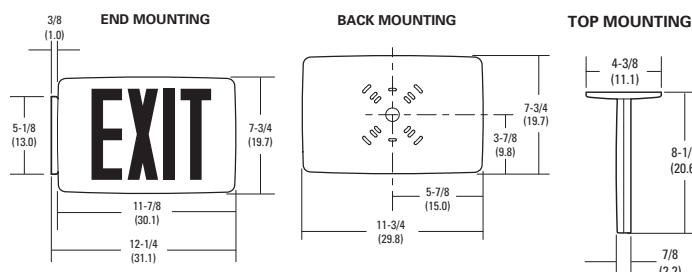
Specifications subject to change.

Family	Housing color	Number of Faces	Letter color	Options
TLE	(blank) Brushed aluminum	1 Single face	R Red	(blank) AC only
	W White	2 Double face	G Green	EL N Nickel-cadmium battery back-up

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES ORDER SEPARATELY	
ELA WG1	Back-mount wireguard
ELA WGEXT	Top-mount wireguard
ELA WGEXE	End-mount wireguard



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

LQC**Quantum® Die-Cast Aluminum Exits****Intended Use**

Ideal for applications requiring general-purpose emergency lighting exit sign.

Features

- Die-cast aluminum construction - compact housing. Brushed aluminum faceplate with matte black electrostatic polymeric trim
- Clear laquer finish on brushed face inhibits fingerprints and other surface contaminants
- Dual-voltage input (120V/277V)
- Fully overlapping light seal prevents light leaks
- Universal direction chevron knockouts are concealed and easily removed

- Provisions for conduit entry and pendant mounting
- Universal (top, end, or back) mounting
- Completely concealed, easily removed mounting knockouts and hole plug (no exposed hardware)
- Maintenance-free, sealed nickel-cadmium battery
- Typical life of exit LED lamp is up to 10 years

Listings

UL Listed. Meets UL924. Damp location listing 50° to 104° F (10° to 40°C) standard.

ORDERING INFORMATION

Specifications subject to change.

Example: LQC 1 R EL N

Series	Housing	Number of faces	Letter color	Options
LQC	(blank) Matte black, brushed aluminum face	1 Single face	R Red	(blank) AC only
	W White	2 Double face	G Green	EL N Nickel-cadmium battery back-up

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

TYPE	VOLTAGE	INPUT WATTS	MAXIMUM AMPS
Standard LED Red	120	.6	.05
Standard LED Red	277	.7	.06
Standard LED Green	120	1.0	.05
Standard LED Green	277	1.2	.06
Emergency LED Red	120	.6	.05
Emergency LED Red	277	.7	.06
Emergency LED Green	120	1.0	.05
Emergency LED Green	277	1.2	.06

ACCESSORIES**ORDER SEPARATELY**

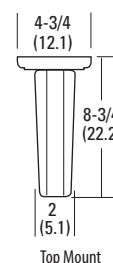
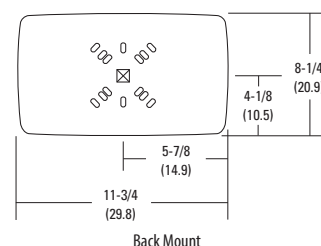
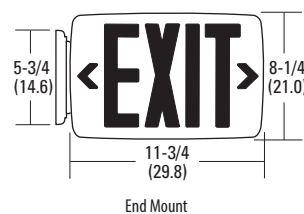
ELA WG1	Back-mount wireguard ¹
ELA WGEXT	Top-mount wireguard ¹
ELA WGEXE	End-mount wireguard ¹
ELA B US12	12" pendant-mount kit with black canopy. To order white canopy, replace B with W in catalog number. To order 24" or 36" lengths, replace 12 with 24 or 36. ²
ELA LQCFPK	Brushed/black faceplate kit with red and green sign panel for one-face to two-face field conversion
ELA LQCBPK	Brushed/black aluminum backplate for 2-face to 1-face field conversion
ELA W LQCFPK	White faceplate kit with red and green sign panel for one-face to two-face field conversion
ELA W LQCBPK	White backplate for 2-face to 1-face field conversion

Notes

- ¹ See spec sheet ELA-WG.
- ² See spec sheet ELA-StemKits.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight 4.5 lbs (2.0 kg)



Intended Use

Ideal for applications requiring attractive, quick-installation exit signs and low energy consumption.

Features

- Precision-molded thermoplastic housing is impact- and scratch-resistant, corrosion-proof, and UV-stabilized to resist discoloration
- Innovative snap-together design allows installation in less than three minutes
- Fully-assembled single-face exit with optional extra faceplate for easy field conversion to double-face standard
- Replaceable chevron directional indicator knockouts for choice of direction

- Universal (top, end or back) mounting with canopy included
- Dual-voltage input (120V/277V)
- Typical life of exit LED lamp is up to 10 years. Consumes less than one watt of energy
- The self-diagnostic emergency signs comply with NFPA 101 Life Safety Code®
- Conveniently located test switch & status indicator

Listings

UL Listed. Meets UL924. UL damp location listing 50° to 104° F (10°C to 40°C) standard. NOM Certified (see Options).

LQM

Quantum® Thermoplastic Exits

**ORDERING INFORMATION**

Specifications subject to change.

Example: LQM S W 3 R 120/277 EL N

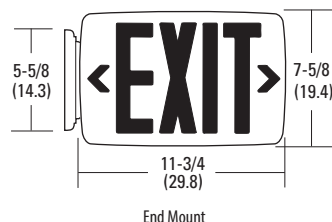
Series	Face type	Housing	Number of faces	Letter color	Voltage	Options
LQM	S Stencil	(blank) Black W White	3 Single with extra faceplate and color panel for field conversion to double-face	R Red G Green	120/277 Dual voltage	(blank) AC only EL N Nickel-cadmium battery SD Self-diagnostics ¹ X2 Lamps wired on two separate circuits ² NOM NOM certified for Mexico ³ WRS EL and self-diagnostics with FIDO wireless reporting system capability

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ELECTRICAL APPLICATION DATA**

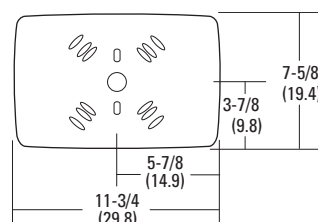
TYPE	VOLTS	AMPS	WATTS
Standard LED Red	120	.05	.62
Standard LED Red	277	.06	.69
Standard LED Green	120	.05	.62
Standard LED Green	277	.06	.74
Emergency LED Red	120	.05	.71
Emergency LED Red	277	.06	.92
Emergency LED Green	120	.05	.66
Emergency LED Green	277	.06	.70

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

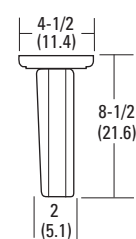
Shipping weight 2.6 lbs (1.2 kg)



End Mount



Back Mount



Top Mount

ACCESSORIES**ORDER SEPARATELY**

ELA WG1	Back-mount wireguard
ELA WGEXT	Top-mount wireguard
ELA WGESE	End-mount wireguard
ELA WUS12	12" stem kit with white canopy
ELA LQMUS12	12" Stem kit, white ⁴
FIDO	Emergency wireless reporting system edge router (see FIDO specification for details)

Notes

- Available with EL N operation only.
- Available with AC operation only.
- Available with stencil or panel faces in white housing and red letters only.
- Not available in any other colors.

LV

Extreme® All-Conditions



Intended Use

Ideal for high-abuse, cold weather (down to -40°C with CW option).

Features

- Durable, cast-aluminum construction; rugged housing is .250" to .525" thick
- Clear, UV-stable polycarbonate cover is .130" thick to prevent cracking or breaking
- Completely concealed chevron directional indicator knockouts
- Emergency exits contain maintenance-free nickel-cadmium battery and available with self-diagnostic option
- Dual-voltage input capability (120/277V)

- UM option offers conduit entry and top, end, or back mounting. Double face available with top or end mounting only (canopy provided)
- Secured with TORX® T20 tamper-proof screws with center pin
- Vandal-resistant magnetic test switch and status indicator

Listings

UL Listed, Meets UL924. NOM Certified (see Options). 4X option is UL Listed, including wet location.

ORDERING INFORMATION

Specifications subject to change.

Example: LV S W 1 R 120/277 EL N UM

Series	Face type	Housing		Number of faces	Letter color	Voltage		Operation	
LV	S Stencil	(blank)	Black faceplate on black housing	1 Single	R Red	120/277	Dual voltage	(blank)	Standard non-emergency
		W	White on white	2 Double ¹	G Green			EL N	Nickel-cadmium battery
		WB	White on black					EL N SD	Nickel-cadmium battery with self-diagnostics
		BW	Black on white					X2	Lamps wired on two separate circuits ²
		AB	Aluminum on black						
		AW	Aluminum on white						
Mounting		Options							
(blank)	Back mount ³	(blank)	None		F	Flashing emergency operation (1 flash/second) ⁶			
UM	Universal mount	CW	Cold weather and NEMA 4X wet location to -40°C ^{4,5}		FI	Fire alarm flashing interface ⁶			
		4X	UL Listed for NEMA 4X for wet location		DL	UL Listed for damp locations (10° C - 40° C)			
		NOM	Meets Mexican standards						

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA¹⁰

TYPE	VOLTS	FACES	AMPS	WATTS
Standard LED Red / Green	120	1	.15/.09	2.3/1.7
Standard LED Red / Green	120	2	.30/.08	4.6/2.8
Standard LED Red / Green	277	1	.13/.09	2.2/1.9
Standard LED Red / Green	277	2	.26/.09	4.4/3.3
Emergency LED Red / Green	120	1	.14/.10	3.3/2.2
Emergency LED Red / Green	120	2	.13/.09	4.8/3.2
Emergency LED Red / Green	277	1	.13/.10	3.3/2.5
Emergency LED Red / Green	277	2	.13/.10	5.2/4.0

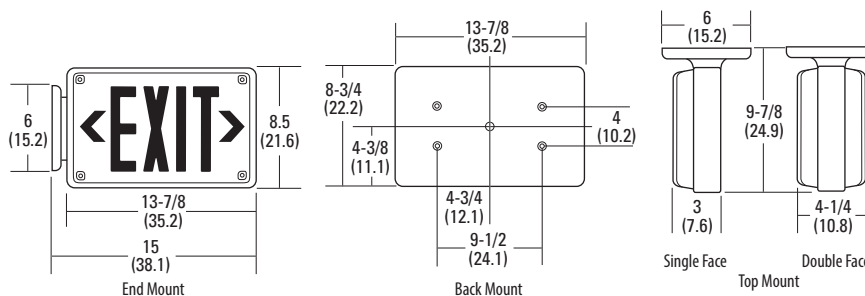
ACCESSORIES

ORDER SEPARATELY

ELA TPS T20 TORX® tamperproof bit for T20 center-pin screw

Shipping weight (non-emergency): 11 lbs (5.0 kg) (emergency): 12 lbs (5.45 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available with universal mount only.
- 2 Must specify input voltage (120 or 277V). UL Listed as emergency lighting equipment.
- 3 Not available on double face.
- 4 Available with emergency exits only.
- 5 Add 24 input watts for CW battery heater option.
- 6 Choice of F or FI. Not available with both.

PRODUCT INFORMATION

Specification

Intended Use

LX is suitable for applications requiring heavy-duty steel exit signage such as a light industrial warehouse or manufacturing facility.

Features

- Heavy duty 20-gauge, die-formed steel housing. Impact-resistant color panels
- Knockout chevrons for choice of direction

- Dual-voltage capability (120/277V)
- Universal (top, end or back) mounting with canopy included
- Typical life of exit LED lamp is up to 10 years

Listings

UL Listed (standard).

LX

Titan® Die-Formed Steel Exits



Example: LX W 3 R EL N

ORDERING INFORMATION

Specifications subject to change.

Family	Face type	Housing color	Number of faces	Panel color	Operation
LX Exit	(blank) Stencil	W White	3 Single face with extra faceplate and color panel	R Red G Green	(blank) AC only EL N Nickel-cadmium battery

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

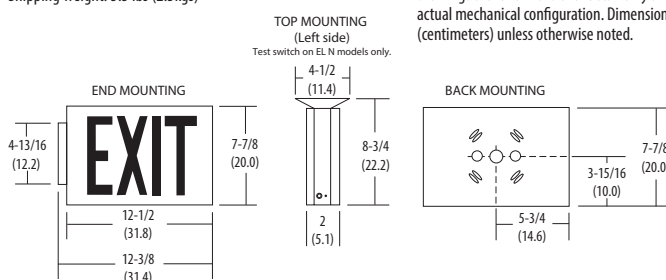
TYPE	SUPPLY VOLTAGE	INPUT WATTS	MAX AMPS
Red LED	120	3.8	0.034
	277	3.8	0.019
Green LED	120	3.8	0.034
	277	3.8	0.020

ACCESSORIES

ORDER SEPARATELY

ELA W US12	12" white stem kit ¹
ELA WG1	Wire guard (back mount only) ²

Shipping weight: 5.5 lbs (2.5kgs)



Notes

- Canopy color; stem has brushed aluminum finish. For other lengths, replace "12" with appropriate length in inches. Example: ELA W US 24. See spec sheet ELA-StemKits.
- See spec sheet ELA-WG.

PRODUCT INFORMATION

Specification

Intended Use

Ideal for wet location areas requiring exit signs for AC only or battery back-up power that are subject to saturation with non-mechanically delivered water.

Features

- White, compact, contemporary design
- Housing is also available in black or gray
- Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant and corrosion proof

- UV-stable resin resists discoloration from natural and man-made light sources
- Universal mounting (top, end or back), canopy included
- Typical life of the exit LED lamp is 10 years
- Dual voltage input capability (120/277V)

Listings

UL Listed. Wet location listed. Standard cold temperature rating -4°F to 122°F (-20°C to 50°C). Meets UL 924, NFPA 101 (current Life Safety Code) and NFPA 70-NEC

WLTE



Example: WLTE W 1 R EL

ORDERING INFORMATION

Specifications subject to change.

Series	Housing color	Number of faces	Letter color	Operation	Options
WLTE	W White	1 Single face	R Red	(blank) AC only	(blank) None
	B Black	2 Double face	G Green	X2 Primary and secondary AC inputs provided ¹	TP Tamperproof screw hardware
	GY Gray			EL Nickel-cadmium battery	
				SD Nickel-Cadmium battery with self-diagnostics	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL

PRIMARY CIRCUIT

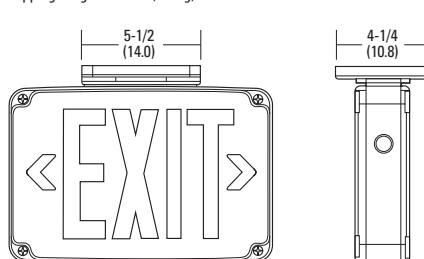
TYPE ¹	SUPPLY VOLTAGE	INPUT WATTS	MAX AMPS
Red LED	120	2.7	0.03
	277	2.7	0.02
Green LED	120	3.3	0.03
	277	3.4	0.02

ACCESSORIES

ORDER SEPARATELY

ELA WG1	Wire guard (back mount only)
---------	------------------------------

Shipping weight: 4.1 lbs. (1.9 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- Not available with EL or SD options.

PRODUCT INFORMATION

Specification

D
Self Luminous



Intended Use

Ideal for applications where electrical power cannot be provided.

Features

- Tritium-filled gas tubes require no electrical input or external light source and are rated for 10-year luminous life (20-year life option available)
- Universal directional indicators and mounting (canopy included)
- Completely sealed housing

- Suitable for wet locations
- Tamperproof mounting hardware included

Listings

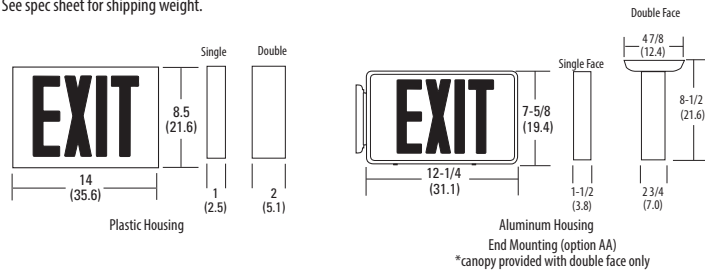
UL Listed. Meets UL924.

ORDERING INFORMATION		Specifications subject to change.										Example: D S W 1 R	
Family		Face type		Housing color		Number of faces		Faceplate color		Luminous life		Options	
D	Self-luminous	S	Stencil	(blank)	Black	1	Single	R	Red	(blank)	10 years	VR	Vandal shield ^{2,3,5,6}
				W	White	2	Double	G	Green	20	20 years	AA	Aluminum anodized frame ⁴
				AL	Aluminum ¹							IF	Institutional frame ^{2,5,6}
ADDITIONAL INFORMATION		For additional product information, visit www.lithonia.com .											

ACCESSORIES	
ORDER SEPARATELY	
ELA WGEXT	Top-mount wireguard
ELA WG1	Back-mount wireguard

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters) unless otherwise noted.

See spec sheet for shipping weight.



Notes

- 1 Aluminum anodized frame is standard with AL housing color.
- 2 Only available in single face.
- 3 Only available with aluminum housing color.
- 4 Available in all housing colors.
- 5 IF option suitable for vandal resistant application; no VR shield required.
- 6 Aluminum frame is standard with VR or IF option.

CUSTOM SIGNAGE

Lithonia Lighting offers special signage in the Signature® and Quantum® families. Most special signage is available with red or green LED lighting. See below for special wording ordering guide.



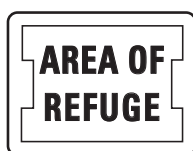
Signature® Sign



Quantum® Sign



Quantum® Sign/Unit Combo



SW01



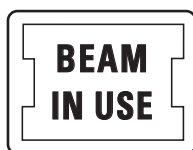
SW02



SW03



SW04



SW05



SW06



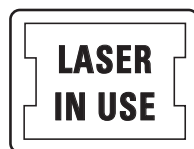
SW07



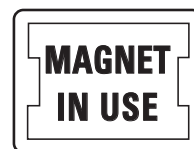
SW08



SW09



SW10



SW11



SW12



SW13



SW14



SW15



SW16

ORDERING INFORMATION

Specifications subject to change.

Example: LQM P W I R 120/277 EL N SW02

Family		Face type	Housing		Number of faces	Letter color	Voltage		Operation ⁷		Special wording			
LE	Signature® die-cast aluminum sign ¹	P Panel	(blank)	Matte black, brushed aluminum face	1 Single face	R Red	120/277	Dual voltage ⁶	(blank)	AC only	SW01	AREA OF REFUGE ⁸	SW09	IN USE ^{8,9}
					2 Double face	G Green			EL N	Nickel-cadmium battery	SW02	AREA OF RESCUE ⁸	SW10	LASER IN USE ^{8,9}
LQM	Quantum® thermoplastic sign ^{2,3}				3 Single with extra faceplate and color panel ⁵						SW03	AREA OF RESCUE ASSISTANCE ⁸	SW11	MAGNET IN USE ^{8,9}
		W		White							SW04	AREA OF RESCUE ASSISTANCE with access pictogram ⁸	SW12	NO EXIT ¹¹
											SW05	BEAM IN USE ^{8,9}	SW13	ON AIR ^{8,9}
LHQM	Quantum® thermoplastic ^{2,4}										SW06	DARKROOM IN USE ^{8,9}	SW14	ROOM IN USE ^{8,9}
											SW07	EXIT Arabic/English ^{10,11}	SW15	SALIDA ^{10,11}
											SW08	EXIT with access pictogram ¹¹	SW16	X-RAY IN USE ^{8,9}

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

- 1 See spec sheet LE or LE ELN for complete specifications.
- 2 Only available in white housing.
- 3 See spec sheet LQM or LQM ELN for complete specifications.
- 4 See spec sheet LHQM for complete specifications.
- 5 Only available with LQM or LHQM family.

6 Not required for LE model.

7 Leave blank for LHQM family.

8 UL Listed as an electric sign.

9 Not available with LHQM family or EL N operation.

10 Only available in red letter color.

11 Not available with UL.

Accessories

PRODUCT INFORMATION

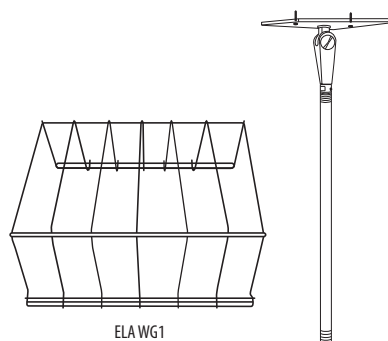
EXIT ACCESSORIES

WIREGUARDS

ELA WG1	Back-mount wireguard (shown) 13-1/2" H x 15" W x 6" D
ELA WGE XT	Top-mount wireguard 14" W x 11" H x 6-3/4" D
ELA WGE XE	End-mount wireguard 15" W x 11" H x 4-3/4" D
ELA WG3	Back mount for LHQM combo 13-1/2" H x 30" W x 6" D

STEM KITS¹

ELA US12	Signature® LE standard or emergency, Precise® LRP with TM option, Quantum® LHQM, LQC, LX, families EDG Edgelit®
ELA LQMUS12	Quantum® LQM standard or emergency (no swivel)



ELA WG1

Notes

- 1 Stem color is brushed aluminum. Standard canopy color is brushed aluminum. To order white or black canopy, add W or B to catalog number. For other lengths, replace 12 with appropriate stem length in inches. Example: ELA W US24.

LHQM LED

Quantum® Thermoplastic Exit Unit Combo



Intended Use

Suitable for applications requiring both exit sign and unit equipment.

Features

- Features two LED lamp heads with 12 parallel white LEDs in each; expected LED life of up to 10 years
- Fully assembled single-face exit with optional extra faceplate for easy field conversion to double face
- Sealed, maintenance-free nickel-cadmium battery delivers 90 minute capacity to emergency lamps
- Only compatible with LED remotes

- Attractive, 8" tall, streamlined design is great for above-the-door applications and other tight fits
- Optional high-output version with remote lamps are ideal for emergency egress lighting
- Dual voltage 120/277V

Listings

UL damp location listed standard 50-104°F (10-40°C). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.



ORDERING INFORMATION

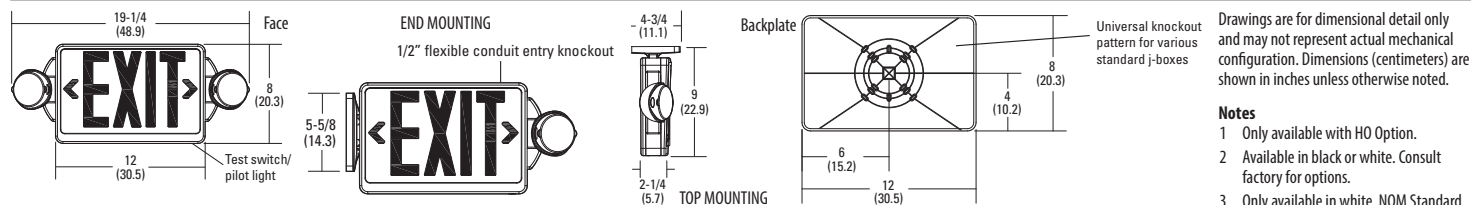
Specifications subject to change.

Example: LHQM LED G

Family	Lamp type	Housing color	Letter color	Options
LHQM	Stencil face, single face plate with extra face plate	LED Two 1.5W/9.6V white LED	(blank) White B Black	R Red G Green
Options				
HO High-output Ni-cad battery				
HO RO High-output option, less lamp heads ¹				
SD Self-diagnostics				
NOM NOM Certified (meets Mexican standards) ²				
SALIDA NOM Salida Signage (non-UL) ³				
WRS EL and self-diagnostics with FIDO wireless reporting system capability				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (centimeters) are shown in inches unless otherwise noted.

Notes

- 1 Only available with HO Option.
- 2 Available in black or white. Consult factory for options.
- 3 Only available in white. NOM Standard.

PRODUCT INFORMATION

ELM2 LED



Intended Use

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Ideal for applications requiring attractive unit equipment with quick installation.

Features

- White, compact, low-profile contemporary design with high-impact thermoplastic housing
- Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant and corrosion proof
- UV-stable resin resists discoloration from natural and man-made light sources

- Two LED lamp heads with 12 series-parallel white LEDs each, provide redundant light sources to ensure emergency lighting performance
- The typical life of the LED lamp is 10 years
- Dual-voltage capability (120/277V)
- Low-profile, integrated test switch/pilot light with easily visible bright red status indicator

Listings

UL Listed damp location listed standard 50-104°F (10-40°C). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.



ORDERING INFORMATION

Specifications subject to change.

Example: ELM2 LED

Series	Lamp type	Housing	Options
ELM2	LED Two 1.5W/3.6V white LED	(blank) White B Black	HO High-output ni-cad battery for 6W remote capacity ¹ SD Self-diagnostic ¹ NOM NOM Certified (meets Mexican standards) ^{1,2} WRS EL and self-diagnostics with FIDO wireless reporting system capability ¹

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

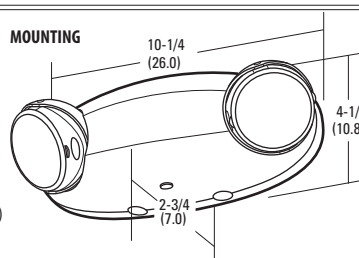
ACCESSORIES^{3,4,6}

ORDER SEPARATELY

ELA Q L0304	Single LED indoor remote head, white
ELA T Q L0304	Twin LED indoor remote head, white
ELA QWP L0304	Single LED weather-proof remote head, gray
ELA T QWP L0304	Twin LED weather-proof remote head, gray
ELA WG1	Wireguard, 15"W x 13-1/2"H x 6"D ⁵
FIDO	Emergency wireless reporting system edge router (see FIDO specification for details)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight: 4.0 lbs. (1.8 kg)



Notes

- 1 Not available with NOM.
- 2 Available in black or white. Consult factory for options.
- 3 Also available in black. Add "B" after ELA to order black finish. Example: ELA B Q L0304.
- 4 Only compatible with Quantum LED series. For use with self-diagnostics fixture, add SD to end of catalog number. Example: ELA Q L0304 SD.
- 5 See spec sheet ELA-WG.
- 6 See spec sheet ELA-O-LED.

Intended Use

Suitable for applications requiring quick installation of both exit sign and unit equipment

Features

- Attractive 10" tall, streamlined design is great for above-the-door applications and other tight fits
- Replaceable chevron directional indicator knockouts for choice of direction
- Side-mount lamp heads reduce overall height, allowing for easy fit over doorways

- Dual-voltage input standard (120/277V)
- Two 5.4W wedge-based krypton lamps offer 32% more light output than standard incandescent lamps
- Universal (top, end or back) mounting with canopy included
- Optional high-output battery (HO) to power a remote head or exit

Listings

UL Listed. Meets UL924. UL damp location listed (50° to 104°F (10° to 40°C) standard. NOM Certified (see Options).

LHQM

Quantum® Thermoplastic Exit Unit Combo



Example: LHQM S W 3 R

ORDERING INFORMATION

Specifications subject to change.

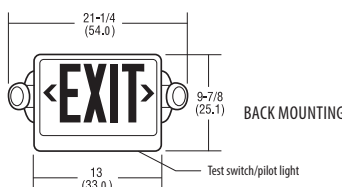
Series	Face type	Housing	Number of faces	Letter color	Options
LHQM	LED exit with two external 5.4 watt krypton lamps	S Stencil P Panel ¹ W (blank) Black White	3 Single with extra faceplate and color panel for field conversion to double-face	R Red G Green	(blank) Standard lead calcium battery HO High-output lead-calcium battery ² HO RO High-output lead-calcium battery, less head lamps ² NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

ELA MR24 K0606	Compact MR24 remote head (6W, 6V) ^{5,7}
ELA T MR24 K0606	Compact MR24 twin remote head (12W total) ^{5,7}
ELA MR24 K0906	Compact MR24 remote head (9W, 6V) ^{6,7}
ELA NX H0606	NEMA 4X sealed-beam remote fixture (6V, 6W halogen) ^{5,8}
ELA WG3	Wireguard (back mount only) ⁹
ELA W US12	12" pendant-mount kit with white canopy ¹⁰



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

For remote output capacity, accessories and more drawings, see spec sheet.

Notes

- Only available in custom signage. See spec sheet, Custom Signage.
- Available with stencil on panel faces in white housing and red letters only.

PRODUCT INFORMATION

General Purpose

Intended Use

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Ideal for applications requiring attractive unit equipment with quick installation.

Features

- White, compact, low-profile contemporary design with high-impact thermoplastic housing that is impact resistant, corrosion-proof and UV-stable to resist discoloration from artificial light sources or sunlight
- Maintenance-free lead calcium battery
- Two 5.4W wedge-based krypton lamps offer 32% more light output than standard incandescent lamps

- Dual voltage (120/277V)
- Patented MR24, multifaceted reflector (ELM2) significantly improves photometric performance; 60-100% more light delivered to the path of egress
- Unique track-and-swivel design permits full range of lamp head adjustment (ELM2)
- Quick-Mount® snap-together construction permits installation in three easy steps in less than three minutes
- Wall or ceiling mounted

Listings

UL Listed. Meets UL924. NOM Certified (see Options).

ELM

ELM2

Quantum® Thermoplastic Unit

**ORDERING INFORMATION**

Specifications subject to change.

Example: ELM2

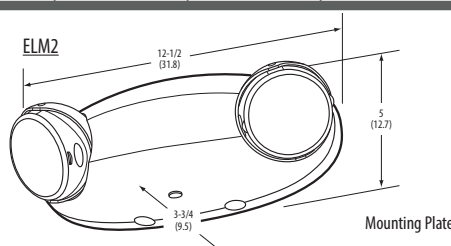
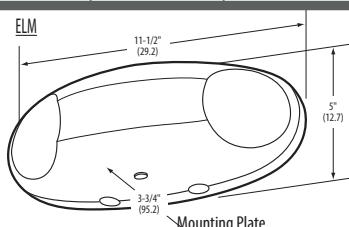
Series	Options
ELM 6V, 12W, fixed optics	SD Self-diagnostics ¹ NOM NOM Certified (meets Mexican standards) ¹
ELM2 6V, 12W, adjustable optics	B Black housing DL Damp location 50° to 104°F (10° to 40°C) ^{1,3} CSR 6' cordset attached (120V only) ² WRS EL and self-diagnostics with FIDO wireless reporting system capability ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

TYPE	AC INPUT			OUTPUT VOLTS	OUTPUT WATTS	
	VOLTS	AMPS	WATTS		1-1/2 HRS	2 HRS
ELM/ELM2	120	.11	1.2	6	12	9
ELM/ELM2	277	.12	1.5	6	12	9

**ACCESSORIES****ORDER SEPARATELY**

ELA VS	Polycarbonate vandal shield
ELA WG1	Wireguard, 15"W x 13 1/2"H x 6"D
FIDO	Emergency wireless reporting system edge router (see FIDO specification for details)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (centimeters) are shown in inches unless otherwise noted. Shipping weight: 4.0 lbs. (1.8 kgs.).

Notes

- Available on ELM2 only.
- Available on ELM only.
- Not available in black housing.
- WRS only available with ELM2.

ELMLT

Thermoplastic Emergency Light



Intended Use
Provides a minimum of 90 minutes illumination for the rated wattage upon loss of AC power. Ideal for applications requiring attractive LED unit equipment with quick installation and unparalleled performance.

- Features**
- Two high performance LED lamp heads rated at 5.4 watts each
 - Delivers constant light output throughout discharge period
 - White, compact, low-profile contemporary design (unit is also available in black)
 - Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant and corrosion proof

- UV-stable resin resists discoloration from natural and man-made light sources
- Includes low-profile, integrated test switch/pilot light and multicolor LED status indicator
- Unique track-and-swivel arrangement permits full range of direction of lamp head adjustment
- Universal input capabilities (120 through 277V, 50 or 60 hz)
- Sealed, maintenance-free 9.6V Lithium Iron Phosphate with automatic 24-hour recharge after a 90-minute discharge

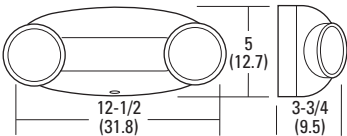
Listings
UL damp location listed standard 50° - 104°F (10° - 40°C).
Meets UL924 (current Life Safety Code®), 70-NEC and OSHA illumination standards.



ORDERING INFORMATION		Specifications subject to change.						Example: ELMLT 9B1 LP	
Series		Distribution		Housing color		Operation		Options	
ELMLT9B1	16W	LP	5.4W LED linear pattern	(blank)	White	(blank)	EL (standard battery back-up)	(blank)	None
ELMLT9B2	32W			B	Black	SD	EL with self-diagnostics	RT	Remote laser test (provides 30 minute manual test)
ELMLT9B3	43W					WRS	EL and self-diagnostics with FIDO wireless reporting system capability	TD	Time delay
								RO	No lamp heads
ADDITIONAL INFORMATION		For additional product information, visit www.lithonia.com .							

ELECTRICAL APPLICATION DATA							
TYPE	VOLTS	INPUT AMPS	WATTS	OUTPUT VOLTS	WATTS OUTPUT		
					1-1/2 hrs.	2 hrs.	4 hrs.
ELMLT9B1	120	0.11	1.2	9.6	16.2	10.8	N/A
	277	0.12	1.5				
ELMLT9B2	120	0.11	1.2	9.6	32.4	21.6	10.8
	277	0.12	1.5				
ELMLT9B3	120	0.11	1.2	9.6	43.2	32.4	16.2
	277	0.12	1.5				

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.
Shipping weight 4 lbs. (1.8 kg)



ACCESSORIES	
ORDER SEPARATELY	
ELA VS	Thermoplastic vandal shield
ELA WG1	Wireguard, 15"W x 13-1/2"H x 6"D
ELA LRT	Remote test switch
FIDO	Emergency wireless reporting system edge router (see FIDO specification for details)

Intended Use

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Ideal for applications requiring attractive unit equipment with quick installation.

Features

- White, compact, low-profile contemporary design with high-impact-resistant thermoplastic housing, corrosion proof and UV-stable
- Maintenance-free lead-calcium battery standard
- Two 9W wedge-based krypton lamps offer 80% more light output than standard incandescent lamps

- Patented MR24, multifaceted reflector significantly improves photometric performance; 48% more light delivered to the path of egress
- Universal voltage input capability (120 through 277V, 50 or 60Hz)
- Unique track-and-swivel design permits full range of lamp head adjustment
- Features patent-pending Quick-Mount® Installation
- Quantum® series ELM6-12 will power a variety of remote devices up to rated wattage of fixture

Listings

UL Listed. Meets UL 924. NOM Certified (see Options).

ELM 6-12

Quantum® Thermoplastic Unit

**ORDERING INFORMATION**

Specifications subject to change.

Example: ELM654

Series	Lamp type	Options
ELM618 6V, 18W	6V MR24 composite	SD Self-diagnostics ⁵
ELM627 6V, 27W	(blank) 9W/6V krypton ¹	B Black housing ⁶
ELM654 6V, 54W	H1206 12W/6V halogen ²	N Maintenance-free ni-cad battery ⁷
ELM1254 12V, 54W	H2006 20W/6V halogen ³	TD Time delay ⁵
ELM1272 12V, 72W	12V MR24 composite ⁴	RT Remote test capability. Remote tester sold as an accessory ⁸
	(blank) 9W/12V krypton	RO Less heads ⁹
	H1212 12W/12V halogen	DL Damp location 50° to 104°F (10° to 40°C) ^{7,10}
	H2012 20W/12V halogen	NOM NOM Certified (meets Mexican standards) ¹¹
		WRS EL and self-diagnostics with FIDO wireless reporting system capability ¹²

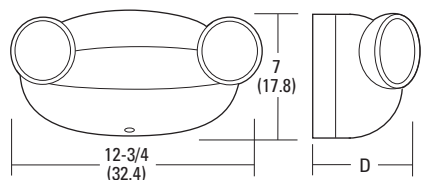
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

TYPE	AC INPUT			OUTPUT VOLTS	OUTPUT WATTS			
	VOLTS	AMPS	WATTS		1-1/2 HRS	2 HRS	3 HRS	4 HRS
ELM618	120	.167	5.2	6	18	13.5	9	3
ELM618	277	.072	5.6	6	18	13.5	9	3
ELM627	120	.10	5.2	6	27	20	13.5	10
ELM627	277	.04	7.4	6	27	20	13.5	10
ELM654	120	.250	7.4	6	54	40.5	27	20
ELM654	277	.108	7.4	6	54	40.5	27	20
ELM1254	120	.250	11.0	12	54	40.5	27	20
ELM1254	277	.108	11.1	12	54	40.5	27	20
ELM1272	120	.250	11.0	12	72	54	36	27
ELM1272	277	.108	11.1	12	72	54	36	27

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	ELM618	ELM627	ELM654 ELM1254 ELM1272
Depth :	4-3/4 (12.1)	4-3/4 (12.1)	5-7/8 (14.9)
Weight:	6.8 lbs (3.1 kg)	8.0 lbs (3.6 kg)	13.0 lbs (5.9 kg)



Back Plate

ACCESSORIES**ORDER SEPARATELY**

ELA LRT	Remote tester (laser)
ELA VS2	Polycarbonate vandal shield (1/8" thick)
ELA WG2M	Wireguard (21 1/4"W x 15"H x 12"D)
ELA MR24	Compact MR24 remote lamp head
ELA MR24 K0606	(5.4W, 6V krypton)
ELA MR24 K0906	(9W, 6V krypton)
ELA MR24 H1206	(12W, 6V halogen)
ELA MR24 K0912	(9W, 12V krypton)
ELA MR24 H1212	(12W, 12V halogen)
ELA MR24 H2006	(20W, 6V halogen)
ELA MR24 H2012	(20W, 12V halogen)
FIDO	Emergency wireless reporting system edge router (see FIDO specification for details)

For additional lamp heads, remote fixtures, options and accessories, see pages 670-671. For application guidelines and fixture performance data, see page 682.

Notes

- Available on ELM618, ELM627 and ELM 654 only.
- Available on ELM627 and ELM654 only.
- Available on ELM654 only.
- Available on ELM1254 and ELM1272 only.
- SD and TD for ELM618 and ELM1254 must be ordered with N option.
- Available on ELM627 and ELM1272 only.
- Available on ELM618, ELM627 and ELM1254 only.
- RT not available with SD. When ordering RT, an ELA LRT needs to be ordered separately.
- Not available with any other options, except ELM1272 TD.
- Damp location listed from 10° to 40°C (50° to 104°F) except ELM618N, ELM627N and ELM1254N which are listed from 60° to 90°F (16° to 32°C).
- NOM available with ELM618 and ELM1254 only (not available with any other option).
- Only available with ELM627 and ELM654.

PRODUCT INFORMATION

ELT

Titan® Industrial Steel

**Intended Use**

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Designated for general/light industrial environments requiring a steel housing.

Features

- Glass sealed-beam style lamps in polycarbonate lamp housings
- Housing is die-formed steel, finished with corrosion-resistant instrument tan enamel

- Dual-voltage input capacity (120/277V), but other available. Consult factory
- Maintenance-free batteries. Lead-calcium standard; nickel-cadmium optional
- Titan® Series units will power a variety of remote devices up to rated wattage of unit

Listings

UL Listed. Meets UL924.

ORDERING INFORMATION

Specifications subject to change.

Example: ELT24

Series	Housing	Number of lamps	Lamp type	Options
ELT16 16W/6V	(blank) Instrument tan	(blank) Two heads	PAR36 sealed-beam	N Nickel-cadmium battery ⁴
ELT24 24W/6V	W White	RO Less lamp heads	6V ¹	H 8W halogen lamps ⁵
ELT36 36W/6V		MT Metal lamp heads	(blank) 8W/6V incandescent	AM Ammeter ^{6,7}
ELT50 50W/12V			H1212 12W/12V halogen	VM Voltmeter ^{6,7}
ELT125 125W/12V			H3512 35W/12V halogen ³	LD Load disconnect switch
ELT180 180W/12V			H5012 50W/12V halogen ³	TD Integral time delay ^{7,8}
ELT275 275W/12V			(blank) 12W/12V incandescent	NOM NOM Certified (meets Mexican standards)

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

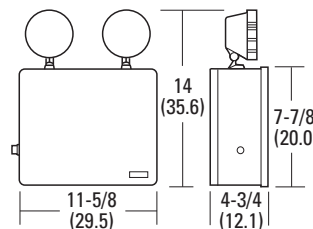
ELECTRICAL APPLICATION DATA

TYPE	AC INPUT			OUTPUT VOLTS	OUTPUT WATTS			
	VOLTS	AMPS	WATTS		1-1/2 HRS	2 HRS	3 HRS	4 HRS
ELT16	120	.163	16.6	6	16	12	8	6
ELT16	277	.069	16.4	6	16	12	8	6
ELT24	120	.167	20	6	24	24	16	12
ELT24	277	.072	20	6	24	24	16	12
ELT50	120	.287	30	12	50	37	25	18
ELT50	277	.108	30	12	50	37	25	18
ELT125	120	.250	30	12	125	93	67	46
ELT125	277	.108	30	12	125	93	67	46
ELT180	120	.287	50	12	180	135	90	67
ELT180	277	.125	50	12	180	135	90	67
ELT275	120	.287	50	12	275	206	137	103
ELT275	277	.125	50	12	275	206	137	103

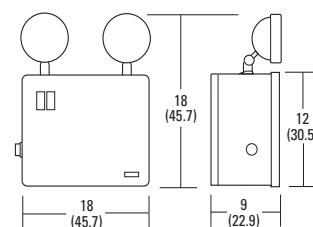
ACCESSORIES**ORDER SEPARATELY**

ELA MST	Mounting shelf
ELA WG2	Small wireguard (16-50W)
ELA WG 4/8	Large wireguard (50-275W)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ELT 16/24: 12.8 lbs (5.8kgs)
 ELT 36/50: 17.3 lbs (7.8kgs)
 ELT24C: 12.5 lbs (5.7kgs)
 ELT36C: 17.0 lbs (7.7kgs)
 ELT50 (large housing): 30.5 lbs (13.8kgs)



ELT 125: 43.5 lbs (19.7 kg)
 ELT 180: 58.5 lbs (26.5 kg)
 ELT 275: 61.5 lbs (27.9 kg)

Notes

- 1 Only available on ELT16, ELT24 and ELT36.
- 2 Only available on ELT125, ELT180 and ELT275.
- 3 Must be ordered with the MT option.
- 4 Available only with ELT36.
- 5 H option is an 8W halogen lamp.
- 6 AM and VM must be ordered together.
- 7 ELT50 unit uses ELT125 housing when ordered with VM, AM or TD options.
- 8 Only available on ELT50, ELT125, ELT180 and ELT275.

Intended Use

Ideal for wet location areas requiring emergency lighting that are subject to saturation with non-mechanically delivered water.

Features

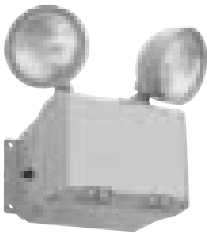
- Gray, compact, low-profile contemporary design
- Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant and corrosion proof
- UV-stable resin resists discoloration from natural and man-made light sources
- Full perimeter gasket seal between front and rear housing

- Wall-mount with external mounting tabs
- Dual-voltage capability (120/277V)
- Two lamp heads with 7.2 watt PAR36 style lamps

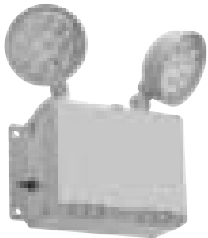
Listings

UL Listed. Wet location listed. Model WLTU is temperature rated 41°F to 122°F (5°C – 50°C) and model WLTU LED temperature rated 32°F to 122°F (0°C - 50°C). Meets UL 924, NFPA 101 (current Life Safety Code®), NFPA 70-NEC and OSHA illumination standards.

WLTU
Wet Location Emergency Light



WLTU



WLTU LED



ORDERING INFORMATION

Specifications subject to change.

Example: WLTU

Series

- | | |
|----------|---|
| WLTU | Emergency light with 6V, 14.4 watt capacity |
| WLTU LED | Emergency light with 1.9W, 9.6V LED lamp heads and 3.7 watts remote capacity ¹ |

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

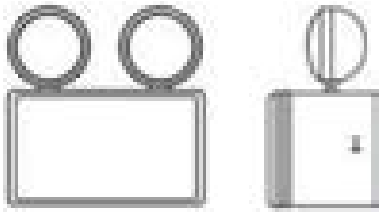
ACCESSORIES

ORDER SEPARATELY

ELA Q L0309	Single LED indoor remote head, white (1.5W, 9.6V) ²
ELA T Q L0309	Twin LED indoor remote head, white (3W, 9.6V) ²
ELA QWP L0309	Single LED weather-proof remote head, gray (1.5W, 9.6V) ²
ELA T QWP L0309	Twin LED weather-proof remote head, gray (3W, 9.6V) ²
ELA LED	Single LED indoor remote head, white (1W, 9.6V) ³
ELA LED T	Twin LED indoor remote head, white (2W, 9.6V) ³
ELA LED WP	Single LED weather-proof remote head, gray (1W, 9.6V) ³
ELA LED T WP	Twin LED weather-proof remote head, gray (2W, 9.6V) ³
ELA WG2	Wireguard (back mount only) ⁴

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

- WLTU:
- Length: 8-3/8 (21.3)
- Depth: 6 (15.2)
- Height: 12-7/8 (32.7)
- Weight: 12.5 lbs (5.7 kg)
- WLTU LED:
- Length: 8 (20.3)
- Depth: 3-5/8 (9.2)
- Height: 12-1/4 (31.1)
- Weight: 3.6 lbs (1.6 kg)



Notes

- 1 Operates up to two 9.6V LED remote heads (see accessories).
- 2 Only available with WLTU LED. See spec sheet ELA Q LED.
- 3 See spec sheet ELA LED.
- 4 See spec sheet ELA-WG.

VEL/VELS

Velare®



Intended Use

Provides 90 minutes of illumination for the rated wattage upon the loss of AC power. Ideal for applications that require ensconced emergency lighting in wall or ceiling.

Features

- Trim and door housing panels are finished in durable white textured powder coated paint. Can be wallpapered or fieldpainted. Trim and panel doors lay flush with mounting surface
- No exposed hardware
- Low-profile recessed test switch and status indicator configuration minimizes exposed interfaces
- VEL model with two MR16 halogen 12W to 75W lamps are fully adjustable to meet aiming requirements

- Sealed, maintenance-free lead calcium battery standard; optional nickel-cadmium battery
- Precision-controlled motor and cam system ensures reliable extraction and retraction of light sources
- Standard self-diagnostic feature tests the unit every 28 days without turning lamps on
- Provided with an IR receiver for remote testing. Requires the ELA RTVEL remote transmitter (see Accessories)

Listings

UL Listed. Meets UL924.

ORDERING INFORMATION

Specifications subject to change.

Example: VEL1270 H3512

Family	Lamp type ³	Options
Single door	Single door	N Maintenance free ni-cad battery
VELS1250 12V, 50W	H2512 25W/12V halogen MR11 ⁴	TD Time delay
Double door	Double door	LRIS Less rough-in section ⁵
VEL1224 12V, 24W	H1212 12W/12V halogen MR16	CP Chicago plenum CCEA rated ⁶
VEL1240 12V, 40W	H2012 20W/12V halogen MR16	
VEL1270 12V, 70W ¹	H3512 35W/12V halogen MR16	
VEL12100 12V, 100W ²	H5012 50W/12V halogen MR16	
VEL12150 12V, 150W ²	H7512 75W/12V halogen MR16	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

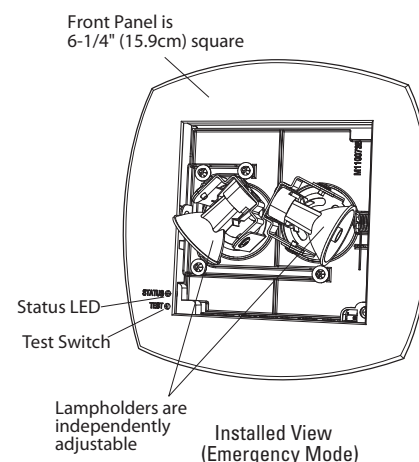
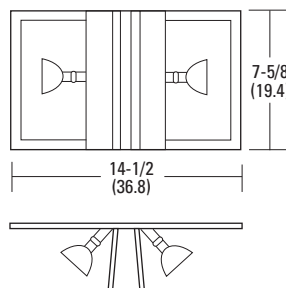
ORDER SEPARATELY

ELA RTVEL	Remote infra-red hand-held transmitter with selectable 30-second or 90-minute testing ⁷
ELA VEL RIS	VEL rough-in section (supplied standard with fixture unless LRIS suffix is specified) ships with mounting hardware only. Order ELA VEL RIS, separate, if needed for rough-in phase of construction ⁵
ELA VELS RIS	VELS rough-in section (supplied standard with fixture unless LRIS suffix is specified) ships with mounting hardware only. Order ELA VELS RIS, separate, if needed for rough-in phase of construction ⁶

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (if provided) unless otherwise noted.

ELECTRICAL APPLICATION DATA

	AC INPUT			OUTPUT VOLTS	OUTPUT WATTS 1-1/2 HRS
	VOLTS	AMPS	WATTS		
VELS1250	120	.10	30	12	50
	277	.10	30	12	50
VEL1224	120	.20	30	12	24
	277	.20	30	12	24
VEL1240	120	.20	30	12	40
	277	.20	30	12	40
VEL1270	120	.20	30	12	70
	277	.20	30	12	70
VEL12100	120	.20	30	12	100
	277	.20	30	12	100
VEL12150	120	.20	30	12	150
	277	.20	30	12	150



DIMENSIONS AND SHIPPING WEIGHT

	DIMENSIONS	SHIPPING WEIGHT
VEL Rough-In Opening	13-1/2 (341) x 6-3/4 (17)	VELS1250 H2512 LRIS (12V, 50W) 7.5 lbs (3.4 kgs)
VEL Overlap trim	14-7/16 (365) x 7-5/8 (193)	ELA VELS RIS (rough-in) 6.2 lbs (2.8 kgs)
	(allow 5.5" for door panel opening clearance)	VEL1224 H1212 LRIS (12V, 24W) 12.5 lbs (5.7 kgs)
		VEL1240 H2012 LRIS (12V, 40W) 12.5 lbs (5.7 kgs)
VELS Rough-In Opening	5-1/2 (14) x 5-1/4 (13.3)	VEL1270 H3512 LRIS (12V, 70W) 15 lbs (6.8 kgs)
VELS Overlap trim	6-1/4 (15.9) x 6-1/4 (15.9)	VEL12100 H5012 LRIS (12V, 100W) 15 lbs (6.8 kgs)
	(allow 2" for door panel opening)	VEL12150 H7512 LRIS (12V, 150W) 19.5 lbs (8.8 kgs)
		ELA VEL RIS (rough-in) 11 lbs (5.0 kgs)

Notes

- Not available with H1212 lamps.
- Not available with H1212 or H2012 lamps.
- Two lamps provided. Total lamp load cannot exceed the fixture capacity rating.
- Only available with VELs.
- VEL rough-in section ships standard with fixture unless LRIS suffix is specified. The rough-in section ships separate. Requires ELA VEL RIS accessory for installation. VELS not available with LRIS.
- Must designate CP option for CCEA rating.
- Minimum one per job required for remote testing.

Intended Use

Provides a minimum of 90 minutes illumination for the rated wattage upon loss of AC power. Ideal for applications requiring attractive unit equipment.

Features

- Compact, low-profile, architectural design with die-cast aluminum housing
- Available finishes are texturized polyester powder coat paint in nickel, white, black or dark bronze
- The self-diagnostic emergency units comply with NFPA Life Safety Code® and automatically test the battery once a month for five minutes and once every six months for 30 minutes
- Optics offer 55% more light output than standard incandescent lamps

- Forward throw (FWD) option optics provided with two high-brightness white LEDs projecting a forward throw beam of light
- Patented reflector/refractor design features superior vac-metalized, die-casted reflectors and multi-faceted, highly transmissive refractors that significantly improve photometrics
- Maintenance-free lead-calcium battery standard; nickel-cadmium optional
- Low-profile, integrated test switch/pilot light located below the lens

Listings

UL Listed. Meets UL 924. Wet location (EXT) listed. Damp location (PREM, EXT) listed. Cold weather (EXT) listed. Meets NFPA 101, NFPA 70-NEC and OSHA illumination standards.

AFN

Affinity®

**Example:** AFN W EXT**ORDERING INFORMATION**

Specifications subject to change.

Series	Finish	Options
AFN	W White	(blank) Features lead calcium battery
	B Black	PREM Features ni-cad battery, self-diagnostics and damp location 32°F to 122°F (0°C to 50°C)
	BN Brushed nickel	EXT Features high-temperature ni-cad battery listed from 0°F to 122°F (-18°C to 50°C), self-diagnostics, time delay; listed for cold weather, damp and wet location
	DB Dark bronze	FWD Forward throw optics with LED light source, 10.8W
		WL Wet location listed from 32°F to 122°F (0°C-50°C) ¹

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ELECTRICAL APPLICATION DATA**

TYPE	AC INPUT			OUTPUT VOLTS	OUTPUT WATTS 1-1/2 HRS
	VOLTS	AMPS	WATTS		
AFN	120	.11	1.1	6	12
AFN	277	.12	1.3	6	12
AFN PREM	120	.15	1.4	6	12
AFN PREM	277	.14	1.4	6	12
AFN EXT ¹	120	.23	21	6	12
AFN EXT ¹	277	.25	35	6	12

Notes

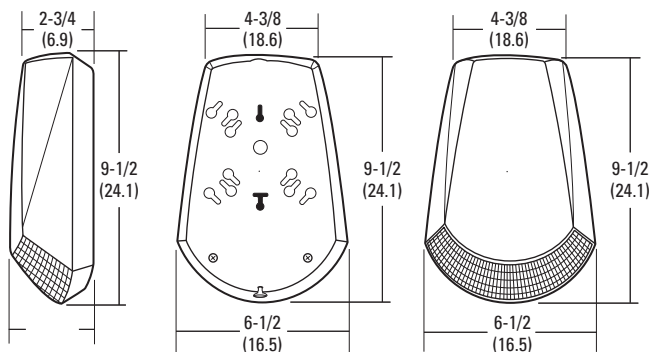
- ¹ AFN EXT provided with battery heater.
For application guidelines and fixture performance data, see page 683.

ACCESSORIES**ORDER SEPARATELY**

ELA AFNR DB	Remote fixture (less batteries and electronics) to be powered by 6V battery equipment as part of an emergency lighting system (listed from -40°F to 122°F; -40°C to 50°C), BN, W, B finishes available.
----------------	---

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight: 3.5lbs (1.6kg)

**Notes**

- ¹ WL only available with PREM option package.

ELSQ



Intended Use

Provides a minimum of 90 minutes illumination for the rated wattage upon loss of AC power. Ideal for applications requiring unobtrusive emergency lighting. Available surface, semi-recessed or recessed.

Features

- Maintenance-free lead-calcium battery standard or nickel-cadmium optional
- Dual-voltage input capability (120/277V)

- Push-to-test button and “ready” light behind lens
- One 10W or two 8W (with 2L option) halogen lamps provide high lumen output

Listings

UL Listed. Meets UL 924.

ORDERING INFORMATION

Specifications subject to change.

Example: ELSQ

Series		Options
ELSQ	6V, 10W self-contained	2L Two 8W lamps with polycarbonate lens and high-charge indicator (ELSQM only) ¹
ELSQM	6V, 20W self-contained	LEX Polycarbonate lens (standard with 2L option)
		N Maintenance-free nickel-cadmium battery ¹

ADDITIONAL INFORMATION

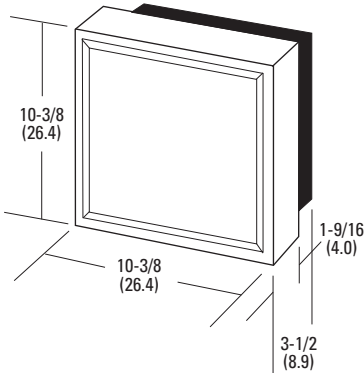
For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA							
TYPE	AC INPUT			OUTPUT VOLTS	OUTPUT WATTS		
	VOLTS	AMPS	WATTS		1-1/2 HRS	2 HRS	3 HRS
ELSQ	120	.167	10	6	10	-	-
ELSQ	277	.072	10	6	10	-	-
ELSQM	120	.167	20	6	20	16	10
ELSQM	277	.072	20	6	20	16	10

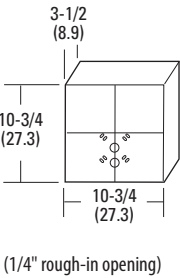
Shipping weight:
ELSQ 5 lbs (2.3 kg)
ELSQM 6.5 lbs. (3 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

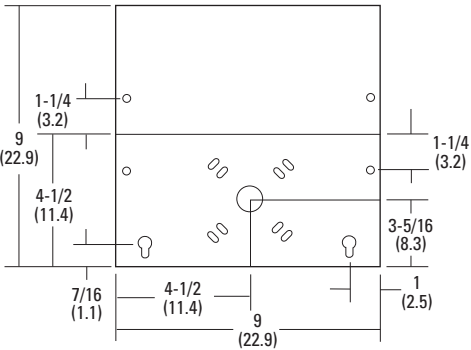
ACCESSORIES	
ORDER SEPARATELY	
ELA FRK	Fully-recessed kit



RECESSED MOUNTING BOX
FULLY-RECESSED (accessory kit)



HOUSING BACK



Notes

- ¹ 2L option is UL Listed for a two-hour run time. Not available with nickel-cadmium battery.

PRODUCT INFORMATION

Specification

Intended Use

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Ideal for applications that require attractive unit equipment or when wall mounting is undesirable.

Features

- Heavy-duty recessed housing suitable for use in air-handling plenums
- PAR36 lamp heads standard
- Sealed, maintenance-free battery (lead-calcium standard, nickel-cadmium optional) provides capacity for 90 minutes of emergency illumination

- Dual-voltage input capability (120/277V)
- Sturdy T-bar clips secure unit to grid members
- Adjustable bar hangers for easy mounting in walls and exposed or concealed suspended ceilings

Listings

UL Listed. Meets UL924.

ELR



Example: ELR2

ORDERING INFORMATION

Specifications subject to change.

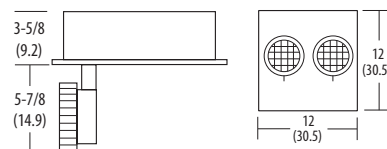
Series		Options	
ELR2	6V, 16W	TD	Integral time delay (18 minutes) ^{2,3}
ELR2P	6V, 24W ¹	AM	Ammeter ²
ELR4	12V, 50W	VM	Voltmeter ²
		220V/50HZ	220 or 240V, 50 or 50 Hz input
		H	Two 8W halogen lamp heads
		H1206	Two 12W, 6V halogen lamp heads ⁵
		N1812	Two 18W, 12V incandescent lamp heads ³
		N2512	Two 25W, 12V incandescent lamp heads ³
		RO	Less lamp heads
		N	Maintenance-free nickel-cadmium battery ⁴
		SD	Self-diagnostics ³

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA								
	AC INPUT			OUTPUT VOLTS	OUTPUT WATTS			
	VOLTS	AMPS	WATTS		1-1/2 HRS	2 HRS	3 HRS	4 HRS
ELR2	120	.167	20	6	16	12	8	6
ELR2	277	.072	20	6	16	12	8	6
ELR4	120	.250	30	12	50	37	25	18
ELR4	277	.108	30	12	50	37	25	18

Shipping weight:
ELR2 16 lbs. (7.3 kg)
ELR4 22.5 lbs. (10.2 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Available with nickel-cadmium battery only.
- 2 Choice of two. Not available with AM, VM and TD on one unit.
- 3 ELR4 only.
- 4 Not available with ELR4.
- 5 Available with ELR2P only.

For additional lamp heads, remote fixtures, options and accessories, see pages 670-671.

For application guidelines and fixture performance data, see page 684.

PRODUCT INFORMATION

Specification

Intended Use

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Ideal for applications requiring unobtrusive emergency lighting.

Features

- Matte white, baked enamel finish. All-metal housing and gimbal assembly
- High-output, 8W halogen lamp. Lamp adjusts in two planes to 26°
- Dual-voltage input capability (120V/277V)

- Low-profile pilot light and test switch
- Approved for use in air-handling plenums
- Maintenance-free lead-calcium battery
- Mounts in 6" diameter opening

Listings

UL Listed. Meets UL924.

ELRG



Example: ELRG

ORDERING INFORMATION

Specifications subject to change.

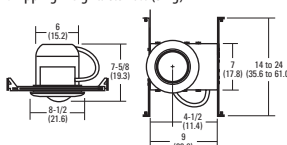
Series	
ELRG	6V, emergency lighting recessed gimbal

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL		
PRIMARY CIRCUIT		
SUPPLY VOLTAGE	AC INPUT WATTS	MAX. AMPS
120	5.8	.052
277	5.9	.023

Shipping weight: 6.5 lbs. (3 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

IND

Indura® Industrial

**Intended Use**

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Unique, innovative design for a variety of light and heavy industrial applications and heavy commercial environments. Superior performance lamp heads are ideally suited for higher mounting heights. Perfect for pole and column mounting.

Features

- Rugged, .140" thick, injection-molded thermoplastic
- Vertical orientation is designed especially for pole or column mounting
- Suitable for wall and I-beam mounting. Ceiling and pendant mounting, with accessory equipment, available on selected models

- Easy-mount installation with one galvanized, 12-gauge steel mounting bracket shipped standard
- Conduit entry points are located on top and both sides of the unit. Maintenance is made easy by tool-less re-lamp, single tool entry, hinging front cover, printed circuit board mounting shelf and battery belt
- Unique field-adjustable beam spread
- Sealed maintenance-free, lead-calcium battery; available in 6V, 12V and 24V

Listings

UL Listed. Meets UL924. Damp location listing. Cold weather (ULT) listing. NFPA 101, NEC and OSHA illumination standards.

**ORDERING INFORMATION**

Specifications subject to change.

Example: IND1254 H2012 SEL

Series	Housing color		Lamp type (2 heads)		Options
6 Volts	(blank)	Gray front/navy back	6 Volts	12 Volts	(blank) Damp location 50°F to 104°F (10°C to 40°C)
IND618 18W	W	White	PAR36 Composite	PAR36 Composite	XTRA Extra package. Features remote test, time delay and damp location 50°F to 104°F (10°C to 40°C) ³
IND654 54W			(blank) 9W/6V krypton	(blank) 18W/24V incand	SEL Select package. Features self-diagnostics, time delay, audible failure indication and damp location 50°F to 104°F (10°C to 40°C)
IND100 100W ¹			H1206 12W/6V halogen	H2024 20W/24V halogen	PREM Premium package. Features high-temperature ni-cad battery (IND618 and IND1236 only) or high-temperature lead-calcium battery (IND12100 only), Self-diagnostics, time delay, audible failure indication and damp location. UL Listed for 32°F to 131°F (0°C to 55°C) ^{4,5}
12 Volts			H2006 20W/6V halogen	PAR36 Sealed-Beam	ULT Ultimate package. Features heater, thermostat and battery blanket with a high temperature ni-cad battery (IND618 and IND1236 only) or high-temperature lead-calcium battery (IND12100 only), self-diagnostics, time delay, audible failure indication and damp location. UL Listed for -40°F to 131°F (-40°C to 55°C) ^{4,5}
IND1236 36W			12 Volts	N5024S 50W/24V incand	WRS EL and self-diagnostics with FIDO wireless reporting system capability ⁶
IND12354 54W			PAR36 Composite		
IND12100 100W ¹			(blank) 9W/12V krypton		
IND12150 150W ²			H1212 12W/12V halogen		
IND12300 300W ²			H2012 20W/12V halogen		
IND12450 450W ²			PAR Sealed-Beam		
24 Volts			H3512S 35W/12V halogen		
IND24100 100W ²			H5012S 50W/12V halogen		
IND24450 450W ^{1,2}					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL APPLICATION DATA

TYPE	AC INPUT ⁶			OUTPUT VOLTS	OUTPUT WATTS			
	VOLTS	AMPS	WATTS		1-1/2 HRS	2 HRS	3 HRS	4 HRS
IND618	120 / 277	.163 / .069	19.6 / 19.11	6	18	13.5	9	6
IND654	120 / 277	.172 / .075	20.64 / 20.78	6	54	40	27	20
IND6100	120 / 277	.171 / .064	20.5 / 17.7	6	100	75	50	37
IND1236	120 / 277	.174 / .078	20.9 / 21.61	12	36	27	18	13
IND1254	120 / 277	.174 / .078	20.88 / 21.6	12	54	40	27	20
IND12100	120 / 277	.174 / .074	20.88 / 20.49	12	100	75	50	37
IND12150	120 / 277	.359 / .168	43.08 / 46.54	12	150	112	75	56
IND12300	120 / 277	.290 / .130	34.8 / 36.1	12	300	225	150	112
IND12450	120 / 277	.33 / .15	39.96 / 43.77	12	450	337	225	168
IND24100	120 / 277	.33 / .15	39.6 / 41.55	24	100	75	50	37
IND24450	120 / 277	.773 / .327	92.76 / 90.58	24	450	337	225	168

ACCESSORIES**ORDER SEPARATELY**

ELA RTT	Remote test transmitter ³	ELA IND CM1	Ceiling mount kit for IND618 ¹¹
ELA WG2M	Wireguard - small (18W-100W) ⁸	ELA IND CM2	Ceiling mount kit for IND654/1236/1254 ¹¹
ELA WGLG	Wireguard - large (150 - 450W) ⁸	ELA IND CM3	Ceiling mount kit for IND6100 ¹¹
ELA BS	Banding Strap ⁹	ELA IND R3	Pre-pack to install third head ¹⁰
ELA IND PM	Pendant mount kit for IND618/654/6100/1236/1254/12100/24100 ¹⁰		
FIDO	Emergency wireless reporting system edge router (see FIDO specification for details)		

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight:
IND618 - 13 lbs. (5.9 kgs)
IND12150 - 45 lbs. (20.4 kgs)
IND654 - 18 lbs. (8.2 kgs)
IND12300 - 72 lbs. (32.7 kgs)
IND6100 - 23 lbs. (10.4 kgs)

IND12450 - 75 lbs. (30.0 kgs)
IND1236 - 18 lbs. (8.2 kgs)
IND24100 - 27 lbs. (12.2 kgs)
IND1254 - 18 lbs. (8.2 kgs)
IND24450 - 75 lbs. (30.0 kgs)
IND12100 - 27 lbs. (12.2 kgs)

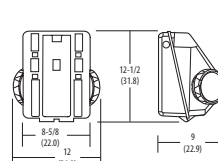
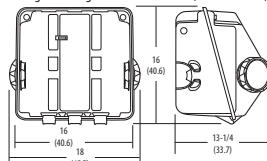
Notes

- 1 DL listed for indoor applications.
- 2 Not suitable for ceiling mount.
- 3 Must order a Remote transmitter (ELA RTT). One per job required. See spec sheet ELA-RTT-B5.
- 4 Only available on IND618, IND1236 and IND12100.
- 5 IND12100 PREM and IND12100 ULT come in a larger housing size.
- 6 Only available on IND12100 and IND12150.
- 7 Add 0.3 amps, 31W for models with ULT option.
- 8 See spec sheet ELA-WG.
- 9 Required for ceiling mount. Color is not a factor. See spec sheet ELA-IND-PM-CM-RHB-R3.
- 10 ELA IND PM accessory cannot be used with the IND12100 PREM or IND12100 ULT. Color is not a factor. See spec sheet ELA-IND-PM-CM-RHB-R3.
- 11 See spec sheet ELA-IND-PM-CM-RHB-R3.

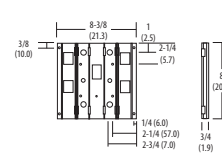
For additional lamp heads, remote fixtures, options and accessories, see pages 670-671.

For application guidelines and fixture performance data, see pages 686-687.

Large Housing 100W PREM or ULT (150W - 450W)



Small Housing (18-54W; 100W Standard, XTRA and SEL)



Universal Mounting Bracket

Intended Use

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Unique design for heavy and demanding industrial applications such as manufacturing plants, refineries, chemical plants, wastewater treatment facilities, food-processing facilities, breweries, loading docks and other applications subject to washdown or industrial conditions. Superior-performance lamp heads are ideally suited for higher mounting heights. Perfect for pole and column mounting.

Features

- Rugged, heavy-duty polycarbonate housing is sealed, gasketed and corrosion-resistant
- Vertical orientation - designed especially for pole or column mounting. Also suitable for wall and I-beam mounting



- Easy-mount installation with one epoxy-coated galvanized, 12-gauge steel mounting bracket shipped standard
- Conduit entry points are located on both sides of the unit
- Maintenance is made easy by tool-less re-lamp, single tool entry, hinging front cover, printed circuit board mounting shelf and battery belt
- Unique field-adjustable beam spread
- Sealed maintenance-free, lead-calcium battery available in 6V, 12V and 24V
- Dual-voltage input capability (120/277V)

Listings

UL Listed. Meets UL924. Cold weather (ULT) listing. NFPA 101, NEC and OSHA illumination standards. NEMA 4; 4X Rated. IP66 and NSF listed.

INDX

Indura® 4X

**ORDERING INFORMATION**

Specifications subject to change.

Example: INDX618

Series	Housing color	Lamp type (2 heads)	Options
6 Volts	(blank) Gray	6 Volts	(blank) UL Listed to 4X standards. For 50°F to 104°F (10°C to 40°C)
INDX618 18W ¹	W White	PAR36 Composite	XTRA Extra package features remote test and time delay. UL Listed for 50°F to 104°F (10°C to 40°C) ⁴
INDX654 54W ²		(blank) 9W/6V krypton	SEL Select package features self-diagnostics, time delay, and audible failure indication. UL Listed for 50°F to 104°F (10°C to 40°C)
INDX6100 100W		H1206 12W/6V halogen	PREM Premium package features high-temperature ni-cad battery (INDX618 and INDX1236 only) or high-temperature lead calcium battery (INDX12100 only), self-diagnostics, time delay, and audible failure indication. UL Listed for 32°F to 131°F (0°C to 55°C)
12 Volts		H2006 20W/6V halogen	ULT Ultimate package features heater, thermostat and battery blanket with a high-temperature ni-cad battery (INDX618 and INDX1236 only) or high-temperature lead calcium battery (INDX12100 only), self-diagnostics, time delay, and audible failure indication. UL Listed for -40°F to 131°F (-40°C to 55°C) ^{5,7}
INDX1236 36W ²		12 Volts	WRS EL and self-diagnostics with FIDO wireless reporting system capability ⁸
INDX1254 54W ²		PAR36 Composite	
INDX12100 100W ³		(blank) 9W/12V krypton	
INDX12125 125W		H1212 12W/12V halogen	
24 Volts		H2012 20W/12V halogen	
INDX24100 100W		PAR36 Sealed-Beam	
		H3512S 35W/12V halogen	
		H5012S 50W/12V halogen	

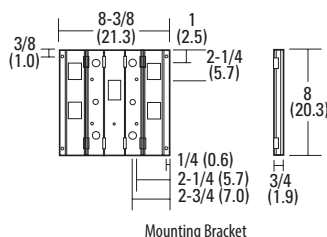
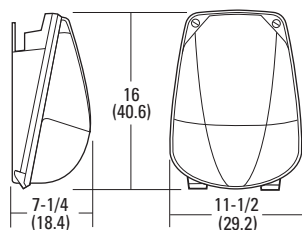
ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**ELECTRICAL APPLICATION DATA**

TYPE	AC INPUT ⁶			OUTPUT VOLTS	OUTPUT WATTS			
	VOLTS	AMPS	WATTS		1-1/2 HRS	2 HRS	3 HRS	4 HRS
INDX618	120 / 277	.093 / .41	19.56 / 19.11	6	18	13.5	9	6
INDX654	120 / 277	.171 / .073	20.64 / 20.78	6	54	40	27	20
INDX6100	120 / 277	.144 / .062	20.52 / 20.22	6	100	75	50	37.5
INDX1236	120 / 277	.174 / .078	18.24 / 17.73	12	36	27	18	13
INDX1254	120 / 277	.174 / .078	20.88 / 21.61	12	54	40	27	20
INDX12100	120 / 277	.160 / .072	20.88 / 20.55	12	100	75	50	37.5
INDX12125	120 / 277	.160 / .072	20.88 / 20.55	12	125	93	62	46
INDX24100	120 / 277	.33 / .15	39.6 / 41.55	24	100	75	50	37

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight:

- INDX1254 - 20 lbs. (9.1 kgs)
- INDX618 - 16 lbs. (7.3 kgs)
- INDX12100 - 36.5 lbs. (16.6 kgs)
- INDX654 - 20 lbs. (9.1 kgs)
- INDX12125 - 30 lbs. (13.6 kgs)
- INDX6100 - 28 lbs. (12.7 kgs)
- INDX24100 - 30 lbs. (13.6 kgs)
- INDX1236 - 20 lbs. (9.1 kgs)

**Notes**

- Ceiling-mount installations require ELA INDX CMI mounting kits.
 - Ceiling-mount installations require ELA INDX CM2 mounting kits.
 - INDX12100 available with either the PREM or ULT package only.
 - Must order a Remote transmitter (ELA RTT) sold separately. One job per required. See spec sheet ELA-RTT-BS.
 - Only available on INDX618, INDX1236 and INDX12100.
 - See spec sheet ELA-WG.
 - For use with standard, XTRA, or SEL only. See spec sheet ELA-IND-PM-CM-RHB-R3.
 - Only available on INDX12100.
- For additional lamp heads, remote fixtures, options and accessories, see pages 670-671. For application guidelines and fixture performance data, see pages 686-687.

LZ/LHZ-CLASS I, DIV 2

Hazardous Location



Intended Use

Combo and EL N exit provide 90 minutes of operation for the rated wattage upon loss of AC power. Both are designed for Class I, Division 2 and Class II, Division 2 environments.

Features

- Impact-resistant, fiberglass reinforced polyester housing
- Housing suitable for LZ/LHZ; Class I, Division 2, Groups A, B, C and D, Zone 2, Groups IIA, IIB + H2 and IIC. LHZ only: Housing also suitable for Class II, Div 2, Groups F and G
- Lamp heads are Class I, Div. 2 rated polycarbonate sealed beam PAR36 tungsten or halogen lamps. 6W halogen lamps standard

- Dual-voltage input capability (120/277V)
- Optional shatter-resistant shield is designed for use in food-service areas
- The typical life of the LED exit is 10 years

Listings

UL Listed. Meets UL924.

ORDERING INFORMATION

Specifications subject to change.

Example: LZ S 1 REL N SD

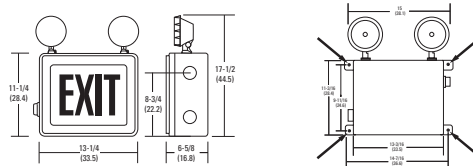
Series	Face type	Housing	Number of faces	LED color	Voltage	Lamp heads ¹	Lamp type ¹	Operation ²	Options
LZ LED hazardous exit	S Stencil	(blank) Gray	1 Single	R Red G Green	(blank) 120/277 Dual Voltage	(blank) 2 heads R1 1 head R0 No heads	PAR36 sealed beam N0806 8W/6V incand N1806 18W/6V incand N2506 25W/6V incand H0606 8W/6V halogen N0806 8W/6V halogen N1206 12W/6V halogen	(blank) Non-emergency EL N Nickel-cadmium battery	SD Self-diagnostics ³ SDA Self-diagnostics with audible alarm ³ TD Time delay ¹ SRS Shatter-resistant lamp head shield ¹
LHZ618 6V, 18W lead-calcium battery									
LHZ636 6V, 36W lead-calcium battery									
LHZ672 6V, 72W lead-calcium battery									

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SHIPPING WEIGHT

LZ Non-emergency operation - 12 lbs (5 kgs)
LZ Emergency operation - 20 lbs (9 kgs)
LHZ618 - 24 lbs (11 kgs)
LHZ636 - 25 lbs (11 kgs)
LHZ672 - 27 lbs (12 kgs)



Mounting Tabs: Mounting enclosure to wall using (4) thru holes or optional mounting feet.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Not available with LZ.
- Required for LZ only.
- LZ with SD or SDA requires EL N.

PRODUCT INFORMATION

ELA ZCD-CLASS II AND III, DIV 1

Hazardous Location

Remote Lighting Fixtures



Intended Use

ELA ZCD model suitable for use in Class II and III, Division 1 environments.

Features

- Corrosion-resistant, cast aluminum alloy with epoxy polyester finish
- Top-mount fixture with single wall remote has universal junction box with four tapped holes for 3/4" rigid conduit (three close-up plugs provided)

- Twin wall remote has junction box with two tapped holes for 3/4" rigid conduit (one close-up plug provided)

Listings

UL Listed (standard). Meets UL 844 and 1203 illumination standards. UL Listed for use in Class II, Division 1, Groups E, F, G and Class III areas.

ORDERING INFORMATION

Specifications subject to change.

Example: ELA ZCD H1212 WM

Series	Number of lamps	Lamp type ²	Mounting
ELA ZCD Hazardous combustible dust	(blank) Single T Twin ¹	H1206 12W/6V halogen H1212 12W/12V halogen	WM Wall mount TM Top mount SM Side mount to ZX1250N unit

ADDITIONAL INFORMATION

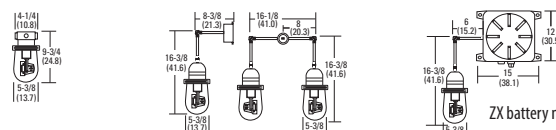
For additional product information, visit www.lithonia.com.

SHIPPING WEIGHT

18 lbs (8 kg)

ACCESSORIES

WGZCD Wireguard (15"H x 8/75"D x 15"W)



ELA ZCD H1206 TM

ELA ZCD H1206 WM

ELA ZCD T H1206 WM

ELA ZCD H1212 SM

Drawings are for dimensional detail only and may not represent actual mechanical configuration. are shown in inches (centimeters) unless otherwise noted.

ZX battery not included

Notes

- Only available with wall mount.
- G4 Bi-pin base style.

Intended Use

Suitable for use in Class I, Div. I, Groups C and D, 1 and 2, Groups IIA, IIB + H2 and IIC; Class I, Div. 2, Groups C and D, Zone 2, Groups IIA, IIB + H2 and IIC; Class II, Div. I, Groups E, F, and G; Class I, Div. 2, Groups F and G, and Class III hazardous location areas.

Features

- Dual voltage input capability (120/277V)

- Copper-free cast-aluminum enclosure withstands explosions generated by internal arc without propagating them into hazardous atmosphere

Listings

UL Listed Standard. Meets UL924, 844, 1203 and 1604.

ZX - CLASS I, DIV. 1

Explosion-proof
Emergency Lighting Units



Example: ZX614N TD1

ORDERING INFORMATION

Specifications subject to change.

Series			Options	
6V lead-cadmium	6V nickel-cadmium	12V nickel-cadmium	KLD	Key lock two-way, battery disconnect for servicing
ZX685 85W ¹	ZX614N 14W ²	ZX1250N 50W ¹	TD1	Time delay 120 VAC
	ZX628N 28W		TD2	Time delay 277 VAC

ADDITIONAL INFORMATION

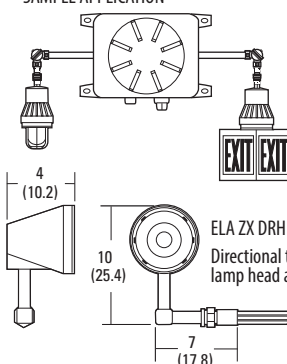
For additional product information, visit www.lithonia.com.

THE SAMPLE APPLICATION CONSISTS OF:

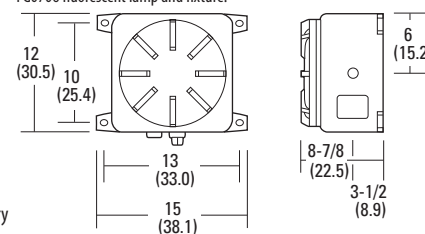
- (1) ZX614N - 14W power pack for exclusive use with compact fluorescent fixtures
- (2) ELA SEA - Elbow arms
- (2) ELA ZX CF0706 PM - 7W compact fluorescent lamp fixture
- (1) ELA EAK - Exit accessory kit

ACCESSORIES		SHIPPING WEIGHT	
ORDER SEPARATELY		ZX614N	63 lbs (28 kg)
ELA ZX DRH	12W/12V remote head ³	ZX628N	65 lbs (29 kg)
		ZX1250N	67 lbs (30 kg)
		ZX685	69 lbs (31 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

SAMPLE APPLICATION

Application offers both AC & DC operation for the ELA EAK exit accessory and ELA ZX FG0706 fluorescent lamp and fixture.

**Notes**

- 1 Incandescent or halogen emergency lamp operation only. Compact fluorescent not compatible.
- 2 Compatible only with ELA ZX remotes using 7W compact fluorescent lamps. Will not operate incandescent lamps. Maximum remote mounting distance is 8'. Operates in both AC and DC operation.
- 3 Must be used with ZX1250N unit.

PRODUCT INFORMATION**Intended Use**

Suitable for use in Class I, Div. 1, Groups C and D, Zones 0, 1 and 2, Groups IIA, IIB + H2 and IIC; Class I, Div. 2, Groups C and D, Zone 2, Groups IIA, IIB + H2 and IIC; Class II, Div. 1, Groups E, F and G, Class II, Div. 2, Groups F and G and Class III hazardous location areas.

Features

- Copper-free, cast-aluminum enclosure withstands pressure of explosions generated by internal arc without propagating them into hazardous atmosphere

- Enclosure has corrosion-resistant, epoxy powder coat finish
- Top- and wall-mount fixtures have a universal junction box with four tapped holes for 3/4" rigid conduit (three hole plugs provided)

Listings

UL Listed Standard.

ELA ZX - CLASS I, DIV. 1

Hazardous Location Fixtures
for use with ZX Family

**ORDERING INFORMATION**

Specifications subject to change.

Example: ELA ZX H0706 WM

Series	Head style	Lamp type	AC / emergency operation	Mounting
ELA	ZX Explosion-proof	Emergency only, G4 bi-pin	CF0706 7W compact fluorescent ¹	WM Wall mount PM Pendant mount TM Top mount
		H1006 10W/6V halogen		
		H1206 12W/6V halogen		
		H1212 12W/12V halogen		

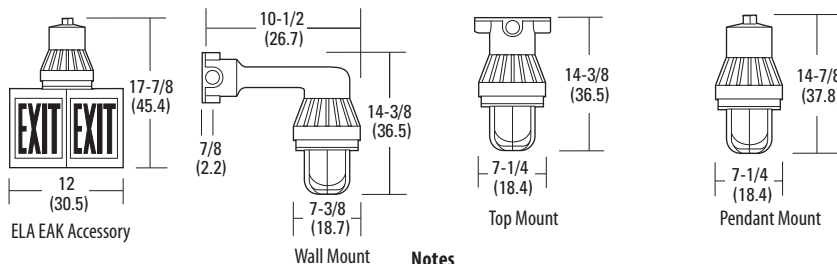
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES	
ORDER SEPARATELY	
ELA 3CH	3-way explosion-proof 3/4" conduit hub.
ELA SEA	Swivel elbow arm for use with pendant-mount fixture to connect to ELA 3CH or ELA ZX unit.
ELA EAK	Exit accessory kit (red silk-screened letters on white background).
ELA SDR	Straight dome reflector.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight: 15 lbs (7 kg)

**Notes**

- 1 Operates only with ZX614N power pack in AC and emergency modes. Maximum mounting distance from ZX 614N is 8'. See specification sheet ZX for more details.

PRODUCT INFORMATION

Z - CLASS I, DIV. 2

Hazardous Location Emergency Lighting Units

**Intended Use**

Provides a minimum of 90 minutes of illumination for the rated wattage upon loss of AC power. Designed for Class 1, Division 2 environments.

Features

- Impact-resistant, fiberglass-reinforced polyester housing
- Gray with stainless steel hardware
- View-through window allows easy monitoring of AC indicator and optional voltmeter and ammeter
- Housing suitable for use in NEMA 4, 4X, 12 and 13 areas; Class I, Division 2, Groups A, B, C and D, Zone 2, Groups IIA, IIB + H2 and IIC and Class II, Division 2, Groups F and G

- Lamp heads are Class I, Div. 2 rated polycarbonate sealed-beam PAR36 tungsten or halogen lamps
- 8W tungsten lamps for 6V units and 12W tungsten lamps for 12V units are standard
- Optional shatter-resistant shield is designed for use in food-service areas

Listings

UL Listed. Meets UL924.

ORDERING INFORMATION

Specifications subject to change.

Example: Z650 N2506 SD

Series			Voltage ¹	Number of lamps		Lamp type		Options
6V lead-calcium	6V nickel-cadmium	12V nickel-cadmium	(blank) 120/277V	(blank) Two		PAR36 sealed-beam, 6V	PAR36 sealed-beam, 12V	SD Self-diagnostics
Z625 25W	Z625N 25W	Z1225N 25W		R1 One		N0806 8W/6V incandescent	N1212 12W/12V incandescent	SDA Self-diagnostics with alarm
Z650 50W	Z650N 50W	Z1250N 50W		R0 None		N1806 18W/6V incandescent	N1812 18W/12V incandescent	AM Ammeter
	12V lead-calcium	Z1275N 75W				N2506 25W/6V incandescent	N2512 25W/12V incandescent	TD Time delay 120/277
	Z1225 25W	Z12100N 100W				H0806 8W/6V halogen	H0812 8W/12V halogen	VM Voltmeter
	Z1250 50W	Z12125N 125W				H1206 12W/6V halogen	H1212 12W/12V halogen	

ADDITIONAL INFORMATION

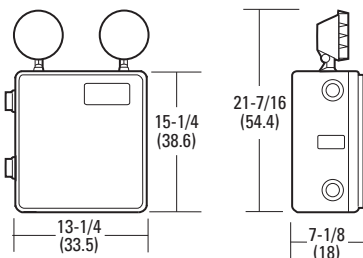
For additional product information, visit www.lithonia.com.

ELECTRICAL

	AC Volts	Input Amps
Z625; Z650 (Lead calcium)	120	.18
Z625N; Z1225N (Nickel cadmium)	277	.08
Z625N; Z1225N (Lead calcium)	120	.08
Z650N; Z1250N (Nickel cadmium)	277	.088
Z650N; Z1250N (Lead calcium)	120	.19
Z1225; Z1250 (Nickel cadmium)	277	.084
Z1225; Z1250 (Lead calcium)	120	.40
Z1275N; Z12100N (Nickel cadmium)	277	.18
Z1275N; Z12100N (Lead calcium)	120	.29
Z12125N (Nickel cadmium)	277	.14
Z12125N (Lead calcium)	120	.39
	277	.18

SHIPPING WEIGHT

Z625	25 lbs (11.3 kg)
Z650	31 lbs (14 kg)
Z625N	25 lbs (11.3 kg)
Z650N	31 lbs (14 kg)
Z1225	33 lbs (15 kg)
Z1250	33 lbs (15 kg)
Z1225N	23 lbs (10.5 kg)
Z1250N	26 lbs (11.8 kg)
Z1275N	29 lbs (13.2 kg)
Z12100N	41 lbs (18.6 kg)
Z12125N	41 lbs (18.6 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

¹ Special voltages available. Consult factory.

PRODUCT INFORMATION

Intended Use

To be powered by Quantum® LED series unit or combo with high-output option as part of an emergency lighting system providing light for the path of egress. Remote lamp head matches the appearance of the Quantum LED series family units.

Features

- Single or twin heads available
- Fully adjustable lamp heads to meet all aiming requirements
- Indoor remotes are constructed of white, engineering grade thermoplastic that is impact- and scratch-resistant
- Outdoor remotes are standard grade cast aluminum, sealed and gasketed

- 12 parallel white LEDs per head
- The typical life of the LED lamp is 10 years
- Universal mounting base for use with single- or twin-head applications

Listings

UL Listed. Damp location listed (ELA Q) 50°F to 104°F (10°C to 40°C). Wet location listed (ELA QWP) 14°F to 122°F (-10°C to 50°C).

ELA Q
LED Remote Fixtures



ORDERING INFORMATION

Specifications subject to change.

Example: ELA Q L0304

Series	Housing		Number of heads		Fixture		Lamp Type		Options	
ELA	(blank) B	White/gray ¹	(blank)	Single	Q	Quantum LED series adjustable lamp head	L0304	1.5W/3.6V LED lamps, per lamp head ²	SD	For use with self-diagnostic fixtures ⁴
		Black	T	Twin	QWP	Quantum LED series adjustable lamp head, weather-proof, cast aluminum	L0309	1.5W/9.6V LED lamps, per lamp head ³		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

ELA WG1 Wireguard, 15"W x 13-1/2" H x 6" D⁵

SPECIFICATIONS

Q SINGLE	6-5/8"W x 4-3/4" H
Q TWIN	8-1/4"W x 4-1/4" H
QWP SINGLE	4-1/2"W x 5-3/4" H
QWP TWIN	8-1/2"W x 5-3/4" H

Notes

- 1 White standard for Q, gray standard for QWP.
- 2 For use with ELM2 LED only.
- 3 For use with LHQM LED only.
- 4 SD must be ordered in combination with ELM2 LED and LHQM LED fixtures.
- 5 See spec sheet ELA WG.

ELA

Remote Lamp Heads



Standard PAR36



Multi-Faceted Reflector



Indura® Remote



Sealed and Gasketed PAR36



Metal PAR36



Hazardous PAR36

ORDERING INFORMATION

Specifications subject to change.

Example: ELA IND H2012

Series	Finish	Number of lamps	Lamp head style	Lamp type ¹
ELA	(blank) Standard color	(blank) Single	(blank) Standard PAR36	Specify lamp type, see configuration tables below.
	B Black	T Twin	MR24 Multi-faceted reflector	
	W White		IND Indura ²	
	ITN Instrument tan (Titan® Series match)			
	TN Desert tan			
	Specify color, see availability table below			
			NX Sealed and gasketed PAR36	
			MT Metal PAR36	
			Z Hazardous PAR36 (Class I, Division II)	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

COMPOSITE LAMPS

	6V HALOGEN		6V KRYPTON		12V HALOGEN		12V KRYPTON	24V INCANDESCENT		24V HALOGEN
Wattage	12W	20W	6W	9W	12W	20W	9W	18W	20W	
Lamp type	H1206	H2006	K0606	K0906	H1212	H2012	K0912	N1824	H2024	
MR24	■	■	■	■	■	■	■			
IND	■	■		■	■	■	■	■		■

SEALED-BEAM LAMPS

	6V INCANDESCENT			6V HALOGEN			12V INCANDESCENT				12V HALOGEN				24V INCANDESCENT	120V PAR36		
Wattage	8W	12W	18W	6W	8W	12W	12W	18W	25W	35W	8W	12W	35W	50W	50W	15W	30W	50W
Lamp type	N0806	N1206	N1806	H0606	H0806	H1206	N1212	N1812	N2512	N3512	H0812	H1212	H3512	H5012	N5024	N15120	N30120	N50120
IND ²														■	■	■		
NX	■	■		■	■	■	■	■	■	■	■	■	■	■				
Standard PAR36	■	■		■	■	■	■	■	■		■	■						
MT	■	■		■	■	■	■	■	■		■	■	■	■		■	■	■
Z	■		■	■	■	■	■	■	■		■	■						

REMOTE HEAD AND DIMENSIONS³

SERIES	STANDARD COLOR	OTHER COLOR	WIDTH (SINGLE HEAD)	WIDTH (TWIN HEADS)	HEIGHT (SINGLE HEAD)	HEIGHT (TWIN HEADS)	DEPTH
Standard PAR36	Desert tan	White, black, instrument tan	4-3/4 (12.1)	13 (33)	7-3/4 (19.7)	7-3/4 (19.7)	5-1/16 (12.9)
MR24	White	Black	4-5/8 (11.7)	6-5/8 (16.8)	6-5/8 (16.8)	4-1/2 (11.4)	2-1/2 (6.3)
IND	Gray/blue	White	5-7/8 (14.9)	7-1/8 (18.1)	5-1/8 (13)	5-1/8 (13)	5-3/8 (13.7)
NX	Gray	White, black	4-3/4 (12.1)	13 (33)	7-3/4 (19.7)	7-3/4 (19.7)	5-1/16 (12.9)
MT	Brushed aluminum	N/A	4-5/8 (11.7)	10-1/2 (26.7)	5-1/8 (13)	5-1/8 (13)	6-1/2 (16.5)
Z	Gray	N/A	4-3/4 (12.1)	1" (33)	7-3/4 (19.7)	7-3/4 (19.7)	5-1/16 (12.9)

MOUNTING PLATE DIMENSIONS³

SERIES	WIDTH	HEIGHT
MT (single head)	2-3/4 (7.0)	4-1/2 (11.5)
MT (twin heads)	4-9/16 (11.6)	4-1/2 (11.5)
IND	5-1/8 (13)	4-11/16 (11.9)
MR24	6-7/8 (17.5)	4-5/8 (11.7)
All others	3-1/8 (7.9)	5 (12.7)

■ = Available

Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Consult factory for additional lamp availability.
- For Indura sealed beam lamps, add suffix S to lamp nomenclature. Example: H3512S.
- For photometric information, visit www.lithonia.com.

Remote Lamp Fixtures

Open Cone¹

6" PAR36²
ELA OC N0806 (6V/8W)
ELA OC H0806 (6V/8W)
ELA OC N1212 (12V/12W)
3" MR16 LV3 Series
ELA LV3 OC H1006
ELA LV3 OC H1012

L = 11-3/8 (28.9), W = 8-3/8 (21.3), H = 8-1/2 (21.6)

Stepped Baffle



6" PAR36²
ELA SB N0806 (6V/8W)
ELA SB H0806 (6V/8W)²
ELA OC N1212 (12V/12W)
3" MR16 LV3 Series
ELA LV3 SB H1006
ELA LV3 SB H1012

L = 11-3/8 (28.9), W = 8-3/8 (21.3), H = 8-1/2 (21.6)

Eyeball¹

6" PAR36²
ELA EB N0806 (6V/8W)
ELA EB N1212 (12V/12W)
ELA EB H1212 (12V/12W)
3" MR16 LV3 Series
ELA LV3 EB H1006²
ELA LV3 EB H1012²

L = 11-3/8 (28.9), W = 8-3/8 (21.3), H = 5-1/2 (14.0)

Recessed Rectangle



ELA RR
S8 or S11 DC bayonet
base lamp up to 25W
(not included)

L = 8-1/4 (21.0), W = 4-1/2 (11.4), D = 3-3/8 (8.6)

Square Series



ELA SQR6V (6V/10W)
ELA SQR12V (12V/12W)

Note: Order ELA FRK for fully
recessed mounting or ELA SRK
for semi-recessed mounting.

L = 10-5/8 (27.0), W = 10-5/8 (27.0), H = 3-1/2 (8.9)

Surface Gimbal



ELA SG N1212 (12V/12W)
ELA SG N1812 (12V/18W)
ELA SG N2512 (12V/25W)
ELA SG H0812 (12V/8W)
ELA SG H1212 (12V/12W)

Diameter = 7-7/8 (20.0), depth = 5 (12.7)

Recessed Gimbal



ELA RG N1212 (12V/12W)
ELA RG N1812 (12V/18W)
ELA RG N2512 (12V/25W)
ELA RG H0812 (12V/8W)
ELA RG H1212 (12V/12W)

Diameter = 8-1/4 (21.0), Depth = 5-1/4 (13.3)

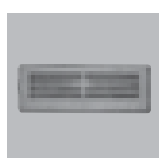
Weatherproof



ELA AFNR
Two 6W, 6V, Xenon lamps

L = 9-1/2 (24.1), W = 6-1/2 (16.5), D = 2-3/4 (6.9)

Outdoor Step Light

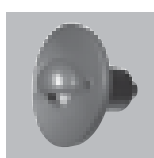


ELA OSL
12W halogen bi-pin lamp
(not included)

Outdoor Mini Cylinder³

MR11
ELA OMC DDB
ELA OMC DNA
ELA OMC
H1006 (6V/10)
H2006 (6V/20W)
H1012 (12V/10W)
H2012 (12V/20W)

Round Outdoor Step Light



MR16
ELA CL
H1006 (6V/10W)
H2006 (6V/20W)
H1012 (12V/10W)
H2012 (12V/10W)

Notes

- 1 Rough-in section same as Lithonia Lighting downlighting LV Series, less transformer.
- 2 Other lamps available.
- 3 Twin version available.

Dimensions are shown in inches (centimeters) unless otherwise noted.

WIREGUARD COMPATIBILITY / UL LISTED PRODUCTS

CATALOG NUMBER	ELT 50 ¹ (W/ OPTIONS), 125 ¹ , 180 ¹ , 250 ¹ , 275 ¹ , IND ^X	SINGLE REMOTE HEADS	TWIN REMOTE HEADS	ELT 50 (W/ OPTION), 125, 180, 250, 275	IND (18-100 W)	ELM618, ELM627, ELM654, ELM1254, ELM1272	ELM; ELM2; ELT 16, 24, 36, 50; ELSQ	IND (100W w/ PREM or ULT; 150 - 450W)	DIMENSIONS
ELA WGLG								■	21W x 20H x 18D
ELA WGLT				■					22-15/16W x 24-3/8H x 12-3/8D
ELA WGRH		■							11-15/16W x 12-3/8H x 9-3/8D
ELA WGST							■		15W x 15H x 6D
ELA WG2			■				■		15-1/8W x 14-3/8H x 8-5/8D
ELA WG2M					■	■			20-1/4W x 15H x 12D
ELA WG4/8	■			■					22-1/8W x 22-15/16H x 10D

■ = Available

Unit Accessories

Vandal Shield

ELA VS2
ELA VS



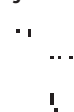
1/8" thick, (ELAVS2) high-impact or 3/16" thick (ELAVS) transparent polycarbonate shield. Fits all Lithonia Lighting Quantum® ELM and ELM2 (ELA VS), ELM618, ELM627, ELM654, ELM1254 and ELM1272 (ELA VS2) units. 10" H x 22" W x 9-3/4" D (ELA VS2); 8-1/2" H x 15" W x 4-3/4" D (ELA VS).

Low-Voltage Relay
ELA LVR

Converts any incandescent low-voltage (12V) downlight (75W maximum) to an emergency downlight when remoted from a 12V Lithonia Lighting emergency lighting unit (ELT125, etc.).

Remote Test Switch
Less Pilot Light

ELA RTLP

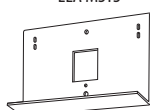


Provides remote testing capability to all Lithonia Lighting unit equipment, exit signs, fluorescent battery packs and emergency downlights. Mounts on standard J-box, ceiling or wall.

Mounting Shelves

ELA MST²

ELA MSTs²



ELT125, ELT180, ELT275

ELT16, ELT24, ELT24C,
ELT36, ELT36C, ELT50

Notes

- 1 Without heads.
- 2 Standard instrument tan.

PRODUCT INFORMATION

CONTRACTOR SELECT EXIT SIGN



Intended Use

Ideal for applications requiring general-purpose emergency lighting.

Features

- High-impact, white thermoplastic housing for general purpose applications
- Battery: (EL Models) feature maintenance-free ni-cad battery providing 90 minutes of emergency operation
- Universal mounting capabilities: top, end or back mounting (canopy included)

- Fully assembled single face with extra faceplate for easy field-conversion to double face
- Long-life energy saving LED source
- Dual voltage input 120/277V

Listings

UL Listed.

CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Example: EXR LED M6

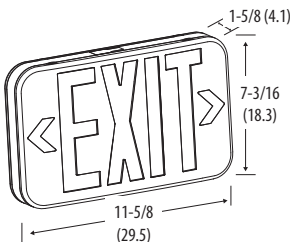
Series	Description
EXR LED M6	Red exit
EXG LED M6	Green exit
EXR LED EL M6	Red exit with backup battery
EXG LED EL M6	Green exit with backup battery

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

ELA WG1	Wireguard (back mount only)
ELA WGEXT	Wireguard (top mount only)
ELA WGEXE	Wireguard (end mount only)

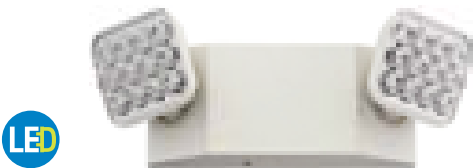


Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight: 2.6 lbs. (1.2 kg)

PRODUCT INFORMATION

CONTRACTOR SELECT LED UNIT



Intended Use

Ideal for applications requiring general-purpose emergency lighting.

Features

- Injection molded, V-0 flame-retardant, high-impact thermoplastic housing
- Dual voltage 120/277
- Test switch and status indicator provided for visual and manual means of monitoring system operation

- Maintenance free sealed nickel-cadmium battery
- Two 1.8W LED lamps for 90 minutes of emergency light
- Not intended for ceiling mounting

Listings

UL Listed. Meets UL924. UL damp location listed standard 50-104°F (10-40°C).

CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Example: EU2 LED M12

Catalog Number	Description	Supply Voltage	Input Wattage ¹
EU2 LED M12	White, thermoplastic, two 1.8W LED lamps, 3.6V self-contained emergency lighting unit	120/277	1.8

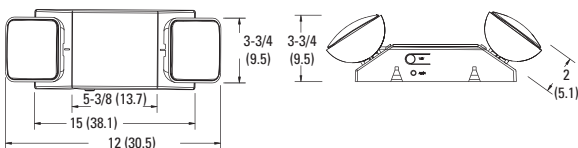
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES

ORDER SEPARATELY

ELA WG1	Wireguard (back mount only) ²
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Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight 4 lbs. (1.8 kg)

Notes

- ¹ Per lamp head.
- ² See spec sheet ELA-WG.

PRODUCT INFORMATION

Intended Use

Ideal for applications requiring general-purpose emergency lighting.

Features

- High-impact, white thermoplastic exit/unit combo with long lasting, efficient ultra-bright white LED lamp heads
- Lamp head track and swivel arrangement allows for full range of lamp adjustment



- Fully assembled single face with extra face-plate for easy field-conversion to double face
- Long-life Ni-Cad battery provides 90 minutes of emergency lighting
- Typical life of the LED is up to 10 years
- 9.6V output
- Dual voltage 120/277V

Listings

UL Listed. Damp location listed.

CONTRACTOR SELECT LED EXIT-UNIT COMBOS



ORDERING INFORMATION

Specifications subject to change.

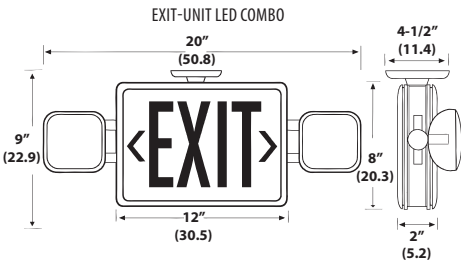
Example: ECR LED M6

Catalog Number	Description
ECR LED M6	Red
ECG LED M6	Green
ECG LED HO M6	Red, high output
ECG LED HO M6	Green, high output

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES	
ORDER SEPARATELY	
ELA WG3	Wireguard (back mount only) ¹



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

¹ See spec sheet ELA-WG.

PRODUCT INFORMATION

Contractor Select Stock

Intended Use

Single and twin LED remote lamps for indoor and outdoor applications.

Features

- Long lasting, efficient ultra-bright white LED lamp heads
- Fully adjustable lamp heads meet all aiming requirements

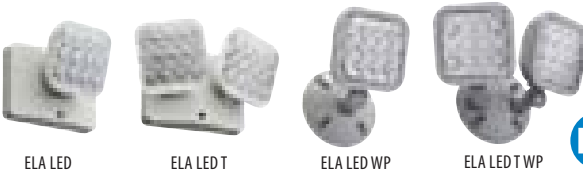


- White thermoplastic indoor models; damp location listed
- Die-cast aluminum outdoor models; wet location listed
- Only compatible with EC LED HO, ECB LED and LHQM LED HO

Listings

UL Listed.

CONTRACTOR SELECT LED REMOTE LAMPS



ORDERING INFORMATION

Specifications subject to change.

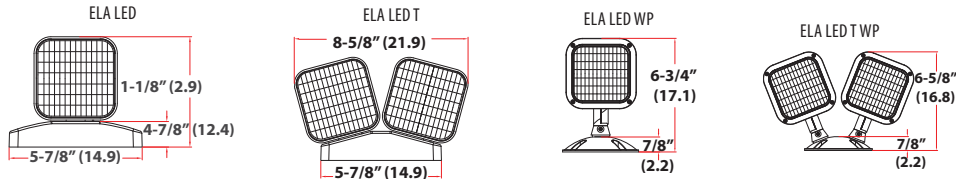
Example: ELA LED M12

Catalog Number	Description	Supply Voltage	Wattage ¹
ELA LED M12 ²	Single remote lamp	9.6	1
ELA LED T M12 ²	Double remote lamp	9.6	1
ELA LED WP M12 ²	Single, weather-proof lamp	9.6	1
ELA LED T WP M12 ²	Double, weather-proof remote lamp	9.6	1

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

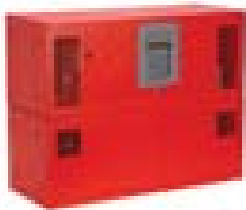
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Per lamp head.
- ² Only compatible with EC LED HO, ECB LED, LHQM LED HO.

EAC FT EAC FTT EAC 3FT EAC ISS



Intended Use

An off-line AC power system for the emergency operation of LED, HID, incandescent, and fluorescent emergency lighting loads that provides full light output for 90 minutes of operation.

Features

- Free-standing NEMA Type 1 cabinet
- Microprocessor-controlled PWM Inverter with IGBT technology allows for universal compatibility
- FT and 3FT have a 65K amp inrush current rating
- Sinusoidal output waveform has <3% THD

- FTT have 10K amp in-rush current rating
- Off-line uninterruptible system has 2-millisecond transfer time
- Standard circuit protection: low-voltage disconnect, short-circuit protection, current-limiting, fused-battery protection, brownout protection, input circuit breaker

Listings

UL Listed (standard) for 90 minutes of emergency operation.

ORDERING INFORMATION

Specifications subject to change.

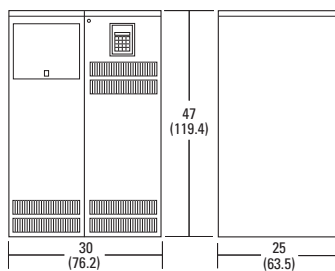
Example: EAC 3FT 6000 208 OB2 DFC

Series	Battery	System	VA rating	Voltage ⁶	Output circuit breaker ⁸	Options
EAC Emergency AC power system	(blank)	Lead-calcium, 10-year life	FTT Compact fast transfer	500 ² 10000 ¹	Input/output	(blank) None
	LC20	Lead-calcium, 20-year life ¹	FT Fast transfer	1000 ² 12500 ¹	120/120 ³	Battery
	NC	Wet nickel cadmium (12 hr battery recharge not avail) ¹	3FT 3-phase fast transfer	1500 ² 16700 ¹	277/277 ³	12HR 12-hour battery recharge ¹
			ISS Interruptible	2000 ² 24000 ⁵	120/120 ⁴	Supervisory
				2250 ⁴ 33000 ⁵	277/120 ⁴	RMP Remote meter panel
				3000 ⁴ 40000 ⁵	277/120-277 ⁴	RSAP Remote summary alarm panel
				3750 ⁴ 50000 ⁵	208 ⁵	MBYP Maintenance bypass switch ^{4,7}
				4800 ¹	480 ⁵	XMBYP External maintenance bypass switch ¹
				6000 ¹	208/120 ⁴	Miscellaneous
				8000 ¹	240/120-240 ⁴	FSP Factory start-up program
					OB1	DFC Form "C" contacts
					OB2	N OFF Normally OFF output circuit ⁹
					OB3	MODEM External modem for RS232
					OB4 ¹	WBM Wall Mount Bracket ²
					OB5 ¹	
					OB6 ¹	
					OB7 ¹	
					OB8 ¹	
					OB9 ¹	
					OB10 ¹	
					OB11 ¹	
					OB12 ¹	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

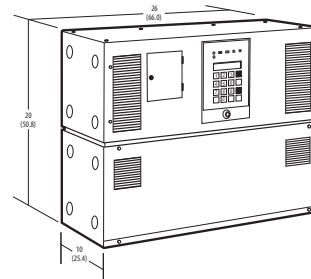
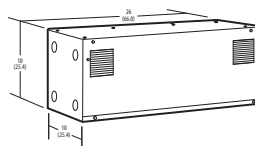
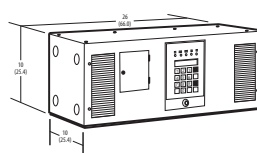
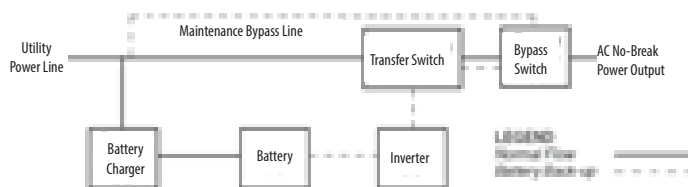
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EAC FT or EAC 3FT

*Allow a minimum clearance of 39" front and 12" top.

System Diagram



Notes

- 1 Not available with FTT.
- 2 Available on FTT only.
- 3 Not available with 3FT.
- 4 Available on FT and ISS only.
- 5 Available on 3FT only.
- 6 Consult factory for other voltage requirements. Special voltages may affect the weight, size and number of cabinets. (Anything other than 120/120 or 277/277).
- 7 Standard on 3FT.
- 8 Standard 20-amp normally on unless otherwise specified.
- 9 Normally off load cannot exceed 20% of total VA rating with any combination of HID loads.

Intended Use

Automatic standby AC power system for LED, incandescent and fluorescent emergency lighting systems, including fixtures with line dimmable fluorescent ballast. Unit rated as 375W and 125W provides emergency lighting power for 1-1/2 hours of operation.

Features

- NEMA type 1 cabinet 16-gauge steel housing, finished in white semi-gloss powdercoat paint. Conduit entry 1/2" knockouts on top, back and side
- Status indicator: Three LED indicators display utility present, charging and inverter running, test switch
- Transfer from standby to emergency mode in 50 milliseconds

- Load power factors no less than 0.9 lag or lead
- Dual voltage 120V or 277V input or output
- Lamp compatibility: Most LED, incandescent, linear fluorescent and compact fluorescent
- Battery: 12V Valve-regulated Lead Acid (VRLA) battery

Listings

UL Listed. Meets UL924, NFPA 101 (current life safety code), NEC, OSHA. Operating temperature from 60° – 90°F (16° – 32°C).

EAC ISSM 125

EAC ISSM 375

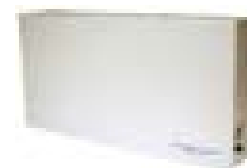
Compact Interruptible AC Power System



SM (375VA)



RGM (125VA)



SM (125VA)

ORDERING INFORMATION

Specifications subject to change.

Example: EAC ISSM 125 120/277 SM

Series	System	VA rating	Voltage	Mounting
EAC Emergency AC power system	ISSM Interruptible	125 375	120/277 Dual input and output 120V or 277V	SM Surface RGM Recess grid ceiling ¹

ADDITIONAL INFORMATION

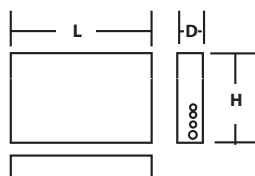
For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

MOUNTING 125 VA

Specifications

Length: 23-1/4 (59.1)
Depth: 4-5/8 (12.1)
Height: 11-3/4 (29.8)
Weight: 46 lbs. (20.9 kg)

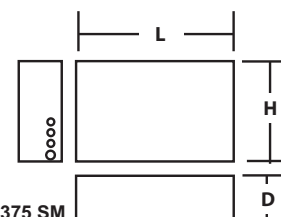


EAC ISSM 125 SM
(surface mount)

MOUNTING 375 VA

Specifications

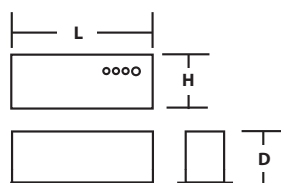
Length: 23-1/4 (59.7)
Depth: 8-1/4 (20.6)
Height: 17-7/8 (45.7)
Weight: 114 lbs. (51.7 kg)



EAC ISSM 375 SM
(surface mount)

Specifications

Housing	Faceplate
Length: 23-3/4 (60.3)	23-3/4 (60.3)
Depth: 7-7/8 (20.0)	1/16 (0.2)
Height: 6-3/4 (17.1)	8 (20.3)
Weight: 42.5 lbs. (19.3 kg)	



EAC ISSM 125 RGM
Recess T-grid mount
(cut-out 6-3/4" W)

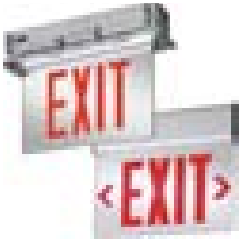
Notes

¹ Only available with 125VA rating.

PRODUCT INFORMATION

EDGNY

Edge-lit Exits



Intended Use

Ideal for New York applications requiring attractive edge-lit exit signage where 8" letter height is required.

Features

- Aluminum finish lamp housing
- Clear acrylic panels - letters measure 8" high with 1" stroke, with 100ft viewing distance rating, based upon UL924 standards
- Dual-voltage input capacity
- The typical life of the exit LED lamp is 10 years. LEDs mounted on printed circuit board

- Battery (EL option): Sealed, maintenance-free nickel cadmium battery delivers 90 minutes capacity to lamp
- EDGNY: Universal (top, end or back) mounting. Canopy provided
- EDGRNY: Recessed top mounting only

Listings

UL Listed (standard). NON-IC recessed mounting (EDGRNY). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.

ORDERING INFORMATION

Specifications subject to change.

Example: EDGNY 1 R EL

Family	Housing Color	Number of Faces	Letter Color	Options
EDGNY Surface mount LED edge-lit exits	(blank) Brushed aluminum	1 Single face	R Red ¹	(blank) AC only
EDGRNY Recess mount LED edge-lit exits		2 Double face		EL Nickel-cadmium battery

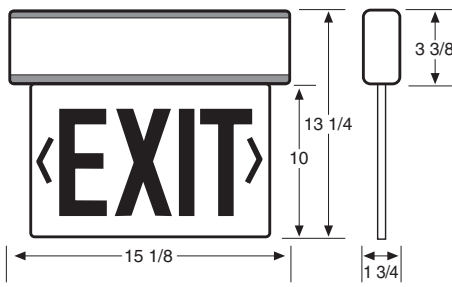
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

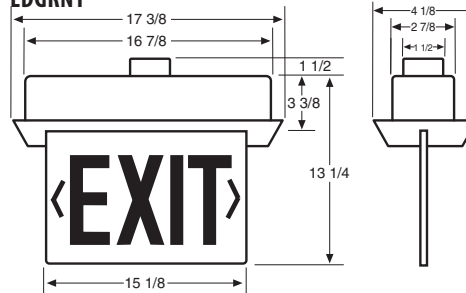
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight: 4 lbs (1.814 kgs)

EDGNY



EDGRNY



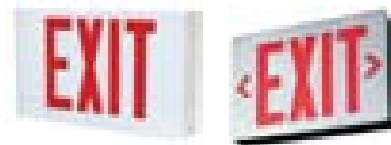
Notes

1 Mirrored panel standard on double-face.

PRODUCT INFORMATION

Specification

LXNY/LENY



Intended Use

Ideal for applications where 8" letter height are required.

Features

- Letters 8" high with 1" stroke, with 100 ft viewing distance rating, based upon UL924 standards; New York City Approved
- LENY models with black finished aluminum housing, with brushed face
- LXNY models with white finished 20-gauge steel housing

- Universal mounting (top, end or back); canopy provided
- Dual-voltage input capacity (120/277)
- Battery (for EL option only): Sealed, maintenance-free nickel-cadmium battery delivers 90 minutes capacity to lamp. Charger maximizes battery life and automatically recharges after battery discharge

Listings

UL Listed. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.

ORDERING INFORMATION

Specifications subject to change.

Example: LXNY W R EL

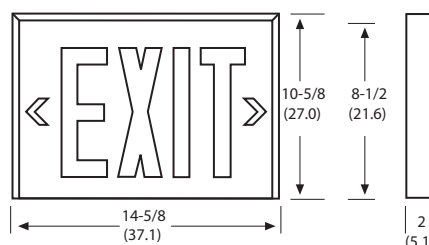
Family	Face type	Housing Color	Number of Faces	Letter Color	Options
LXNY	(blank) Stencil	(blank) Black housing with brushed face ¹	3 Single face with extra face plate and color panel	R Red	(blank) Standard non-emergency
LENY		W White			EL Emergency operation with nickel-cadmium battery

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES: ORDER AS SEPARATE ITEM

ELA WG1	Back mount wireguard
ELA WGEX	Top mount wireguard ¹
ELA WGEXE	End mount wireguard ¹
ELA WG1	Back mount wireguard ¹



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight:
Standard – 8.2 lbs (3.7 kgs)
Emergency – 8.4 lbs (3.8 kgs)

Notes

1 Not available with LXNY.

PRODUCT INFORMATION

Specification

Intended Use

Ideal for New York applications where steel housing emergency lighting is required.

Features

- 20-gauge steel housing
- Dual-voltage input capacity (120 or 277 volts)
- Thermoplastic lamp heads with PAR36 style lamps

- Current-limiting charger maximizes battery life and minimizes energy consumption
- Low-voltage disconnect prevents excessively deep discharge that can permanently damage the battery

Listings

UL Listed. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.



ELTNY

Example: ELT618NY

ORDERING INFORMATION

Specifications subject to change.

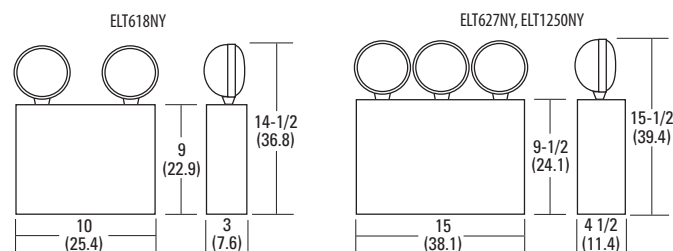
Product Description

ELT618NY	Emergency light with 6-volt 18-watt lead-calcium battery, 20-GA steel white housing, two lamp heads, 9 watt lamp standard
ELT627NY	Emergency light with 6-volt 27-watt lead-calcium battery, 20-GA steel white housing, three lamp heads, 9 watt lamp standard
ELT1250NY	Emergency light with 12-volt 50-watt lead-calcium battery, 20-GA steel white housing, three lamp heads, 12 watt lamp standard

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



ACCESSORIES: ORDER AS SEPARATE ITEM

ELA WG1	Wireguard, ELT618NY ¹
ELA WG2M	Wireguard, ELT627NY and ELT1250NY ¹
ELA MST5	Mounting shelf ²

Shipping weight:

ELT618NY - 10.4 lbs (4.7 kgs)
ELT627NY - 10.4 lbs (4.7 kgs)
ELT1250NY - 15.5 lbs (7.1 kgs)

Notes

- 1 See spec sheet ELA-WG.
- 2 See spec sheet ELA-RTLP-MS-VS2.

PRODUCT INFORMATION

Specification

Intended Use

Ideal for New York applications where steel exits with 8" letter height and emergency lighting are required.

Features

- 20-gauge steel housing
- Letters 8" high with 1" stroke, with 100 ft viewing distance, based upon UL924 standards. New York City approved
- Dual-voltage input capacity (120/277)

- Provided with three thermoplastic lamp heads with 12-watt PAR36 style lamps
- Sealed, maintenance-free lead-calcium battery delivers 90 minutes capacity to lamp

Listings

UL Listed. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.

LHXNY

Steel Exits



Example: LHXNY W 1 R

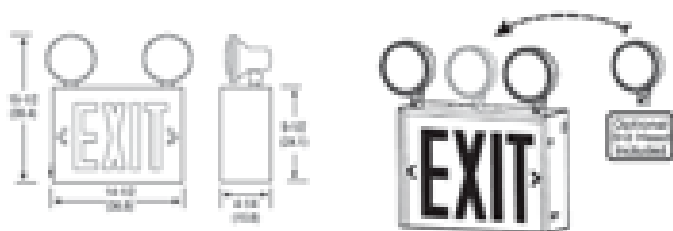
ORDERING INFORMATION

Specifications subject to change.

Series	Face Type	Housing Color	Number of Faces	LED Color
LHXNY 6V, 36W lead-calcium battery	(blank) Stencil	W White	1 Single Face	R Red

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weight: LHXNY - 15 lbs (6.8 kgs)

ELECTRICAL: PRIMARY CIRCUIT

Typical LED Life	Supply Voltage	Input Watts	Max. Amps
10 Years	120	12.7	.115
10 Years	277	14.3	.056

BATTERY: LEAD-CALCIUM

Voltage	Shelf Life ¹	Typical life ¹	Maintenance	Optimum Temperature ²
6	12 Months	4-7 years	none	60°-90°F (16°-32°C)

Notes

- 1 At 77°F (25°C). The typical life of the exit LED lamp is 10 years.
- 2 Optimum ambient temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.
- 3 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.

PRODUCT INFORMATION

Specification

ELTC



Intended Use

Ideal for applications where steel housing emergency lighting is required. Meets city of Chicago requirements.

Features

- 20-gauge steel housing
- Dual-voltage input capacity (120-277 volts)
- Two metal lamp heads with 12 watt PAR36 style lamps

- Test switch and dual-function ready/charge light (red) permit check of system operation
- Low-voltage disconnect prevents excessively deep discharge that can permanently damage the battery

Listings

UL Listed damp location 68°F to 122°F (20°C to 50°C). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. City of Chicago approved.

ORDERING INFORMATION

Specifications subject to change.

Example: ELTC650

Series

ELTC627	Emergency light with 6V, 27W, lead-calcium battery, 20-gauge steel white housing; two lamp heads
ELTC650	Emergency light with 6V, 50W, lead-calcium battery, 20-gauge steel white housing; two lamp heads
ELTC6100	Emergency light with 6V, 100W, lead-calcium battery, 20-gauge steel white housing; two lamp heads
ELTC1250	Emergency light with 12V, 50W, lead-calcium battery, 20-gauge steel white housing; two lamp heads
ELTC12100	Emergency light with 12V, 100W, lead-calcium battery, 20-gauge steel white housing; two lamp heads

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ELECTRICAL: PRIMARY CIRCUIT

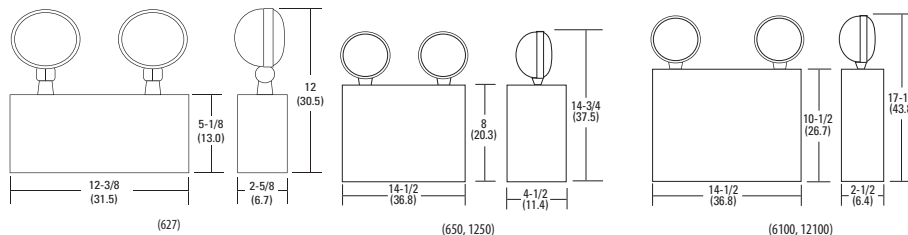
Model	AC volts	Input Watts	Max. Amps	Output Volts	Watts Output	1-1/2 hrs.	4 hrs.
ELTC627	120	11	.11	6	27	-	-
	277	11	.04	6	27	-	-
ELTC650	120	18	.17	6	50	24	-
	277	18	.07	6	50	24	-
ELTC6100	120	23	.21	6	100	-	-
	277	23	.10	6	100	-	-
ELTC1250	120	26	.25	12	50	-	-
	277	26	.10	12	50	-	-
ELTC12100	120	32	.30	12	100	-	-
	277	32	.13	12	100	-	-

BATTERY: SEALED LEAD-CALCIUM

Voltage	Shelf Life	Typical life	Maintenance	Optimum Temperature
6/12	12 Months	5-7 years	None	60°-90°F (15°-32°C)

ACCESSORIES (ORDER SEPARATELY)

ELA US12	Wire guard
ELA MST5	Mounting shelf



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Shipping Weight :
Dimensions are shown in inches (centimeters) unless otherwise noted. 24.6 lbs
15.7 lbs
10.4 lbs

PRODUCT INFORMATION

Specification

ELRC



Intended Use

Ideal for applications where recessed steel housing emergency lighting is required. Meets city of Chicago requirements.

Features

- 20-gauge steel housing
- Dual-voltage input capacity (120 or 277 volts)
- Two metal lamp heads with 12 watt PAR36 style lamps

- Current-limiting charger maximized battery life and minimizes energy consumption. Provides low operating costs
- Low-voltage disconnect prevents excessively deep discharge that can permanently damage the battery

Listings

UL damp location listed 20°C to 50°C (68°F to 122°F). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. City of Chicago approved.

ORDERING INFORMATION

Specifications subject to change.

Example: ELRC627

Family

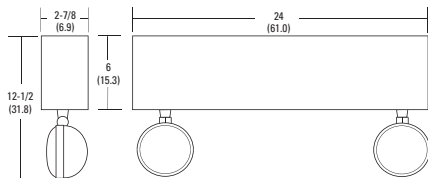
ELRC627	Emergency light with 6V, 27W, lead-calcium battery, 20-gauge steel white housing; two lamp heads
ELRC650	Emergency light with 6V, 50W, lead-calcium battery, 20-gauge steel white housing; two lamp heads
ELRC1250	Emergency light with 12V, 50W, lead-calcium battery, 20-gauge steel white housing; two lamp heads

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping weights: ELRC650 15.0 lbs. (6.9 kgs.)
ELRC627 11.1 lbs. (5.0 kgs.) ELRC1250 15.0 lbs. (6.9 kgs.)



ELECTRICAL: PRIMARY CIRCUIT

Model	AC volts	Input Watts	Max. Amps	Output Volts	Watts Output ¹	1-1/2 hr
ELRC627	120	11	.11	6	27	-
	277	11	.04	6	27	-
ELRC650	120	18	.17	6	50	-
	277	18	.07	6	50	-
ELRC1250	120	26	.25	12	50	-
	277	26	.10	12	50	-

BATTERY: LEAD-CALCIUM

Model	Voltage	Shelf Life ²	Typical Life ²	Maintenance ²	Optimum temperature ⁴
ELRC	6/12	12 Months	5-7 years	none	68°F-122°F (20°C-50°C)

Notes

- Watts to 87.5% of nominal voltage.
- At 77°F (25°C).
- All life safety equipment, including emergency lighting path of egress, must be maintained, serviced, and tested in accordance with all National Fire Protection Association and local codes. Failure to perform the required maintenance, service or testing could jeopardize the safety of occupants and will void all warranties.
- Optimum ambient temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.

Intended Use

Ideal for applications requiring attractive edge-lit exit signage.
Meets city of Chicago requirements.

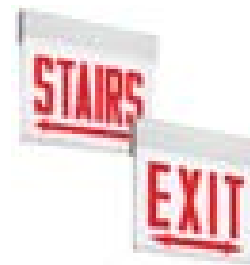
Features

- Extruded brushed aluminum or white housing/trim
- Dual voltage capability (120/277)
- Battery (for EL option only): Sealed maintenance-free nickel-cadmium battery delivers 90 minutes capacity to lamp

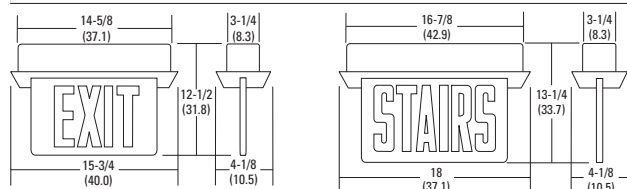
- Charger maximized battery life and automatically recharges after battery discharge

Listings

UL damp location listed 0°C to 50°C (32°F to 122°F) standard. Meets UL 924 (meets the UL924 requirements however models with the Chicago required full stroke arrow cannot bear any UL mark), NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. City of Chicago approved.

**EDGC****Example: EDGC 1 RW CH3 EL**

ORDERING INFORMATION		Specifications subject to change.									
Series	Housing	Number of Faces		Letter Color		Directional Indicators				Operation	
EDGC	Surface mount LED edge-lit exit	(blank)	Brushed aluminum	1	Single Face	RW	Red on white background	Single Face		(blank)	Standard non-emergency
		W	White	2	Double Face			CH3	EXIT with no arrow	CH18	EXIT with no arrow
								CH6	EXIT with right arrow ¹	CH21	EXIT with right/left arrow ¹
								CH9	EXIT with left arrow ¹	CH24	EXIT with double arrow ¹
EDGRC	Recess mount LED edge-lit exit							CH12	EXIT with double arrow ¹	CH17	STAIRS with no arrow
								CH2	STAIRS with no arrow ¹	CH20	STAIRS with right/left arrow ¹
								CH5	STAIRS with right arrow ¹	CH23	STAIRS with double arrow ¹
								CH8	STAIRS with left arrow ¹		
								CH11	STAIRS with double arrow ¹		
										EL	Emergency operation with nickel-cadmium battery

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Shipping Weight : 4.8 lbs or 6.5 lbs

Notes

- See charts on spec sheet for more information.
- Meets the UL924 requirements however models with the Chicago required full stroke arrow cannot bear any UL mark.

PRODUCT INFORMATION

Specification

Intended Use

Ideal for city of Chicago applications where steel housing and glass sign panels are required.

Features

- Dual voltage input capacity (120/277)
- 20-gauge steel housing
- Letters 6" high with full stroke arrow. City of Chicago approved

- The typical life of the exit LED lamp is 10 years
- EL option only: Sealed, maintenance-free nickel-cadmium battery delivers 90 minutes capacity to lamp
- Universal mounting: top, end or back
- Full stroke arrow option available

Listings

UL Listed damp location 0°C to 50°C (32°F to 122°F). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA Illumination standards.

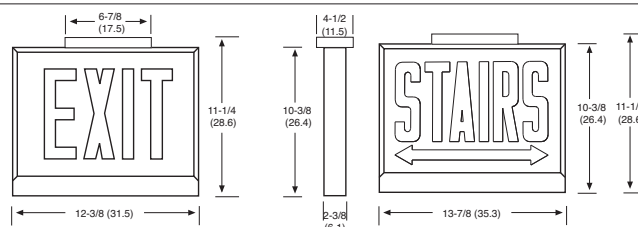
**LXC**
Steel Exits**Example: LXC W 1 RW CH2 EL**

ORDERING INFORMATION		Specifications subject to change.									
Series	Housing Color	Number of Faces		Letter Color		Directional Indicators				Operation	
LXC	Exit	W	White	1	Single Face	RW	Red on white background	Single Face		(blank)	Standard non-emergency
		B	Black	2	Double Face			CH3	EXIT with no arrow	CH18	EXIT with no arrow
								CH6	EXIT with right arrow ¹	CH21	EXIT with right/left arrow ¹
								CH9	EXIT with left arrow ¹	CH24	EXIT with double arrow ¹
								CH12	EXIT with double arrow ¹	CH17	STAIRS with no arrow
								CH2	STAIRS with no arrow ¹	CH20	STAIRS with right/left arrow ¹
								CH5	STAIRS with right arrow ¹	CH23	STAIRS with double arrow ¹
								CH8	STAIRS with left arrow ¹		
								CH11	STAIRS with double arrow ¹		
										EL	Emergency operation with nickel-cadmium battery

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Shipping Weight : 7.8 lbs

**ACCESSORIES**

ORDER SEPARATELY

ELA US12

12" stem kit²**Notes**

- See charts on spec sheets for more information.
- See spec sheet ELA-Stemkit.

FIDO



Length: 6 (15.2)
Width: 5-1/2 (14.0)
Height: 2 (5.1)

Intended Use

FIDO is a data management device that can manage test results on self-diagnostic emergency lighting right on your desktop. It is a cost-effective indoor gateway that connects your low-power sensor emergency wireless reporting system network. FIDO has the flexibility to host your mesh data locally via its built-in Web server and database. This compact edge router easily can be configured to meet the needs of your deployment.

Features

- Constructed to withstand temperatures ranging from 0°C to 35°C (32°F to 95°F)
- Onboard RAM memory is 64MB DDR SDRAM; onboard flash memory is 16MB NOR

- Peripherals: 10/100 base-T Ethernet channels, RJ45 connectors. IEEE 802.15.4 radio module (proprietary protocol) for wireless mesh communication
- Input voltage is 100-240VAC (supply frequency is 50-60Hz)
- Linux Kernel 2.6 embedded software
- Connects to any local PC with Web browser via crossover cable (provided) or to network system via Ethernet cable (not provided); internet and email capability standard
- Each system is commissioned with FIDO-compatible emergency lighting fixtures (max of 500 fixtures per edge router)

Listings

FCC part 15 section 247.

ORDERING INFORMATION

Specifications subject to change.

Example: FIDO

Series

FIDO Emergency wireless reporting system edge router

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

FIDO Emergency Wireless Reporting System (Example)

This report will automatically generate at the end of each month based on the Self-Diagnostics testing.

Section I: Report Name, Report Date, Report Type and Report Frequency are fields that will automatically generate based upon the FIDO gateway and report frequency selected during installation. The Report Frequency option provides Daily, Weekly, or Monthly reports.

Report Name	Audit Monthly
Report Date	03/31/2012 8:00:01 PM
Report Type	Audit
Report Frequency	Monthly

Section II: Profile

The fields below contain information entered by the customer during installation of the FIDO gateway.

Company Name	Acuity Brands Lighting
Contact Name	Maintenance Supervisor
Address 1	One Lithonia Way
Address 2	PMD Building 3
Address 3	Conyers, GA 30012
Phone Number	800-334-8694

Section III: Gateway Information

The Gateway Name is entered by the customer Ex: Maintenance Bldg. The IP Address will automatically populate based on the configuration set-up of the FIDO gateway.

Gateway Name	Building 1 - Maintenance
IP Address	10.2.105.113

Section IV: Fixture

This information is entered by the customer at the time of commissioning the FIDO gateway. The Radio ID column will automatically populate once power is applied to the Emergency Fixtures. Typical commissioning time is less than two (2) minutes per fixture by either manual data entry or using a Code 128 scanner.

Radio ID	Fixture	Location	Status Date	Status	Description
0002690A	185APL	LIGHTING CENTER DISPLAY	03/30/2012 9:00:53 PM	Charging Normal	IND12100 WRS
000268EC	174LLF	LIGHTING CENTER COMMON AREA	03/30/2012 9:23:07 PM	Charging Normal	ELM2 WRS
00026C07	174LLF	LIGHTING CENTER DISPLAY	03/30/2012 9:01:00 PM	Charging Normal	ELM2 WRS
00026EC9	185APN	LIGHTING CENTER DISPLAY	03/30/2012 9:00:35 PM	Charging Normal	ELM627 WRS

This report will automatically generate to identify a failure has been detected once Self-Diagnostic testing is completed. The Alert Scheduling feature allows you to establish this report as “Daily”, “Weekly”, or “Monthly” so that you may replace the component that has failed and remain in compliance.

Section I: Report Name, Report Date, Report Type and Report Frequency are fields that will automatically generate based upon the FIDO gateway and report frequency selected during installation. The Report Frequency option provides Daily, Weekly, or Monthly reports.

Report Name	Alert Daily
Report Date	01/29/2012 7:00:01 PM
Report Type	Alert
Report Frequency	Daily

Section II: Profile

The fields below contain information entered by the customer during installation of the FIDO gateway.

Company Name	Acuity Brands Lighting
Contact Name	Maintenance Supervisor
Address 1	One Lithonia Way
Address 2	PMD Building 3
Address 3	Conyers, GA 30012
Phone Number	800-334-8694

Section III: Gateway Information

The Gateway Name is entered by the customer Ex: Maintenance Bldg. The IP Address will automatically populate based on the configuration set-up of the FIDO gateway.

Gateway Name	Building 1 - Maintenance
IP Address	10.2.105.113

Section IV: Fixture

This information is entered by the customer at the time of commissioning the FIDO gateway. The Radio ID column will automatically populate once power is applied to the Emergency Fixtures. Typical commissioning time is less than two (2) minutes per fixture by either manual data entry or using a Code 128 scanner.

(Note: this fixture was simulated to generate a failure to capture in this alert report)

Radio ID	Fixture	Location	Status Date	Status	Date Code Series #	Replacement Battery	Replacement Lamp	Replacement PC board	Description
00026BEC	174LLF	Lithonia LightinCenter, Common Area	01/26/2012 9:18:55 AM	Battery fail	1009S20-MZ	ELB 06042	ELP L149	ELP U510	ELM2 WRS

QUANTUM®

Spacing Guidelines

As Lithonia Lighting® continues to improve the performance of its emergency lighting products, we also continue to improve the manner in which we communicate our products' performance. Instead of relying on lamp iso-footcandle diagrams to compare one source to the next, we now perform point-by-point illuminance calculations to more accurately depict how our products will perform in real commercial or industrial applications.

Point-by-point calculations depict illuminance coverage of an individual unit and/or multiple units in a space. Graphical representation of point-by-point for both a 3' and 6' path of egress are highlighted throughout the next few pages.

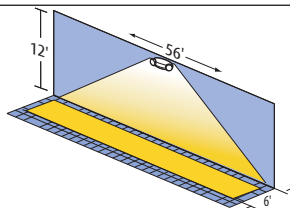
In the graphical representation, the rectangle depicts the area where an average of one footcandle (FC) is maintained. The surrounding curve represents the minimum 0.1 FC isocontour

along the floor. The coverage of an individual unit, as well as the maximum spacing that can be achieved with multiple units is depicted in feet. The footnotes detail all the relevant information necessary to replicate each layout using your own lighting analysis software and IESNA format photometrics.

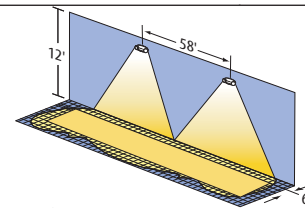
Quantum® ELMLT Lamp Head

ELMLT — Single - Multiple-Unit Coverage

- Two white LEDs per head (5.4W each head)
- Typical 12 ft. mounting height delivers an average 1.0 FC over a distance of 56 ft. center-to-center spacing on a 6 ft. path of egress.
- Typical 12 ft. mounting height delivers an average 1.0 FC over a distance of 58 ft. center-to-center spacing on a 6 ft. path of egress.



Example of single ELMLT Lamp Heads mounted at a height of 12 ft illuminating a 6' path of egress

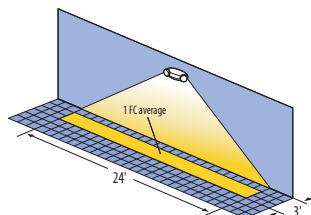


Example of multiple ELMLT Lamp Heads mounted at a height of 12 ft illuminating a 6' path of egress

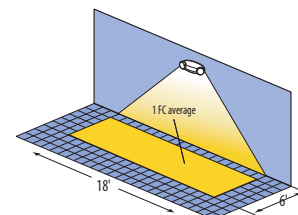
Quantum® ELM2 LED Lamp Head

ELM2 LED — Single-Unit Coverage

- 3W Total White LEDs
- Using a single unit at a typical 7.5' mounting height delivers an average illuminance of 1.0 FC over a distance of 24' on a 3' path of egress and 18' on a 6' path of egress.



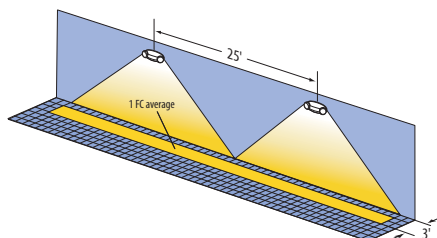
Example of single ELM2 LED unit illuminating a 3' path of egress



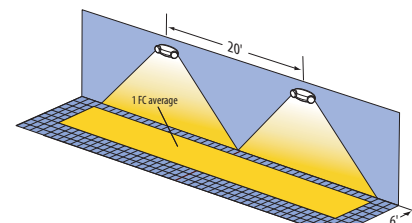
Example of single ELM2 LED unit illuminating a 6' path of egress

ELM2 LED — Multiple-Unit Coverage

- 3W Total White LEDs
- Using multiple units at a typical 7.5' mounting height delivers 25' center-to-center spacing on a 3' path of egress and 20' center-to-center spacing on a 6' path of egress.



Example of multiple ELM2 LED units illuminating a 3' path of egress

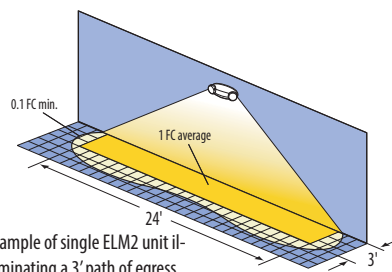


Example of multiple ELM2 LED units illuminating a 6' path of egress

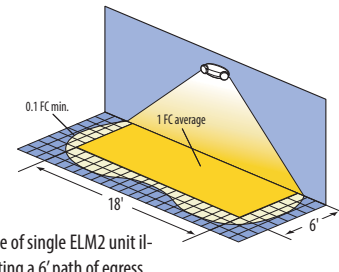
Quantum® ELM2 MR24 Lamp Head

ELM2 Performance Advantage — Single-Unit Coverage¹

- 6V, 5.4W krypton lamp
- Using a single unit at a typical 7.5' mounting height delivers an average illuminance of 1.0 FC over a distance of 24' on a 3' path of egress and 18' on a 6' path of egress.



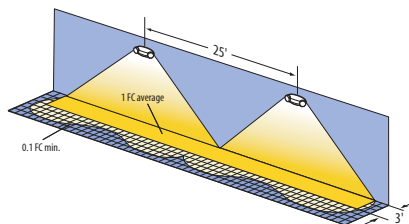
Example of single ELM2 unit illuminating a 3' path of egress.



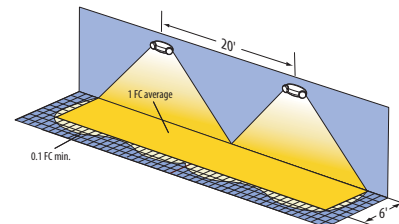
Example of single ELM2 unit illuminating a 6' path of egress.

ELM2 Performance Advantage — Multiple-Unit Coverage¹

- 6V, 5.4W krypton lamp
- Using multiple units at a typical 7.5' mounting height delivers 25' center-to-center spacing on a 3' path of egress and 20' center-to-center spacing on a 6' path of egress.



Example of multiple ELM2 units in a row illuminating a 3' path of egress.



Example of multiple ELM2 units in a row illuminating a 6' path of egress.

For spacing of high-capacity Quantum® (ELM6 & ELM12) MR24 Lamp Head see spec sheet on www.lithonia.com

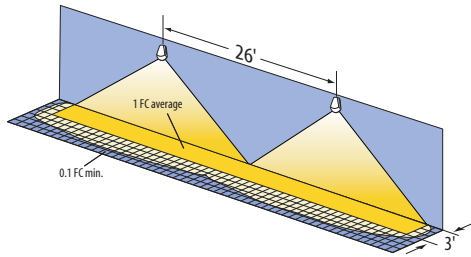


Notes

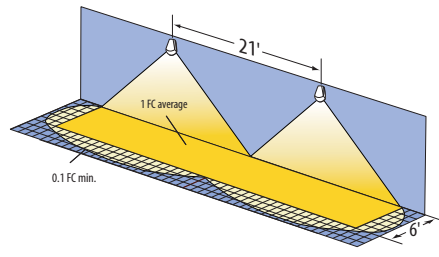
- 1 Meets Life Safety Code® standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes open space with no obstructions, mounting height: 7.5', ceiling height: 9', and reflectances: 80/50/20. Analysis based on independently tested photometrics.
- 2 Meets Life Safety Code® standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes open space with no obstructions, 3-foot-wide path of egress, and reflectances of 80/50/20.

AFFINITY®

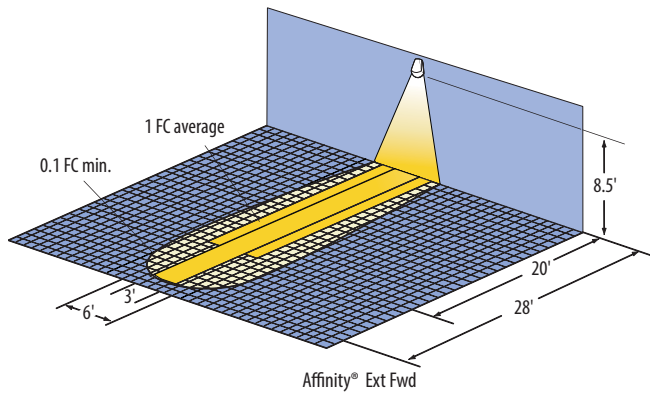
Spacing Guidelines



Example of multiple units in a row illuminating a 3' path of egress.



Example of multiple units in a row illuminating a 6' path of egress.



AFFINITY® RECOMMENDED CENTER-TO-CENTER SPACING ^{1,2}		
XENON LAMP	PATH OF EGRESS 3'-WIDE	PATH OF EGRESS 6'-WIDE
Center-to-center spacing	26'	21'

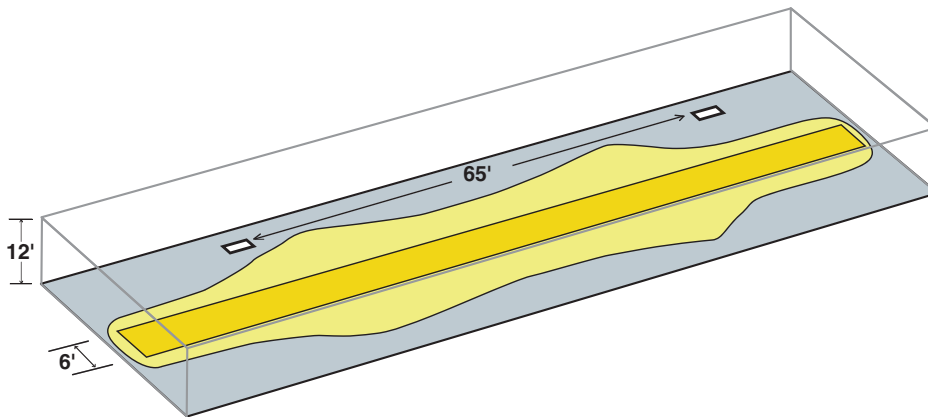


Notes

- 1 Meets Life Safety Code standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes open space with no obstructions, mounting height 8.5', ceiling height 9', and reflectances: 80/50/20.
- 2 All spacings are intended to be guidelines. Results will vary if application deviates from dimensions or assumptions stated.

VELARE®

Spacing Guidelines



Example of Velare® - 35W MR16 at a 12' ceiling height

VELARE® RECOMMENDED CENTER-TO-CENTER SPACING ^{1,2}				
LAMP TYPE	10' CEILING HEIGHT	12' CEILING HEIGHT	16' CEILING HEIGHT	20' CEILING HEIGHT
H2512*	80'	75'	N/A	N/A
H1212	17'	17'	16'	16'
H2012	36'	36'	34'	34'
H3512	65'	65'	58'	64'
H5012	70'	70'	70'	70'
H7512	130'	140'	134'	140'

*VELS only

Notes

- 1 Meets Life Safety Code standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes fixture is ceiling mounted in a 200"Wx200"L open area and reflectances of 80/50/20.
- 2 All spacings are intended to be guidelines. Results will vary if application deviates from dimensions or assumptions stated.

EMERGENCY UNITS

Spacing Guidelines for Sealed-Beam Lamps and Composite Lamps

SEALED-BEAM LAMPS SPACING GUIDELINES¹

CATALOG NUMBER	VOLTS	WATTS	LAMP TYPE	LUMENS	LAMP NUMBER	BEAM H X V	7.5' MOUNTING HEIGHT		12' MOUNTING HEIGHT		14' MOUNTING HEIGHT		16' MOUNTING HEIGHT		18' MOUNTING HEIGHT		20' MOUNTING HEIGHT		25' MOUNTING HEIGHT	
							1FC		1FC		1FC		1FC		1FC		1FC		1FC	
							AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.
N0806	6	8	Incandescent	54	7613-1	30 x 20	20	—	—	—	—	—	—	—	—	—	—	—	—	—
N1206	6	12	Incandescent	177	4042	45 x 20	20	—	22	—	20	—	18	—	17	—	15	—	—	—
N2506	6	25	Incandescent	395	4510	80 x 20	25	—	38	—	38	—	36	—	34	—	32	—	27	—
N1212	12	12	Incandescent	146	4044-1	50 x 25	25	—	20	—	19	—	19	—	16	—	15	—	—	—
N1812	12	18	Incandescent	184	4414	50 x 25	25	—	23	—	23	—	22	—	20	—	20	—	18	—
N2512	12	25	Incandescent	238	4446	80 x 30	32	—	20	—	19	—	18	—	16	—	15	—	—	—
N5024S	24	50	Incandescent	420	4505	11 x 5	—	—	65	—	60	—	60	—	55	—	55	—	55	—
H0606S	6	6	Halogen	91	H7556	30 x 20	—	—	28	—	26	—	26	15	24	16	22	16	20	15
H0806S	6	8	Halogen	150	H7551	30 x 20	25	—	16	—	16	—	15	—	—	—	—	—	—	—
H1206S	6	12	Halogen	263	H7553	30 x 20	28	—	28	—	26	—	26	15	24	16	22	16	20	15
H2006S	6	20	Halogen	400	H7554	30 x 20	—	—	46	—	46	—	46	—	46	—	42	—	40	16
H0812S	12	8	Halogen	150	H7555	30 x 20	25	—	16	—	16	—	15	—	—	—	—	—	—	—
H1212S	12	12	Halogen	263	H7557	30 x 20	37	—	28	—	27	—	26	16	24	16	23	16	20	16
H3512S	12	37.5	Halogen	706	H7600	9 x 4.5	—	—	75	—	70	—	70	—	70	—	70	—	70	—
H5012S	12	50	Halogen	940	H7604	7 x 5	—	—	80	—	80	—	80	—	80	—	80	—	80	—

MR24 LAMP HEAD RECOMMENDED CENTER-TO-CENTER SPACING

CATALOG NUMBER	LAMP VOLTAGE/ WATTAGE	QUANTUM® UNIT	7.5' MOUNTING HEIGHT	10' MOUNTING HEIGHT	12' MOUNTING HEIGHT	16' MOUNTING HEIGHT	20' MOUNTING HEIGHT
K0606	6V/5.4W	ELM2 ²	25'	N/A	N/A	N/A	N/A
K0906	6V/9W	ELM618 ² , ELM627 ² , ELM654 ²	25'	31'	29'	27'	23'
K0912	12V/9W	ELM1254 ² , ELM1272 ²	25'	33'	30'	29'	28'
H1206	6V/12W	ELM627 ² , ELM654 ²	N/A	29'	N/A	22'	N/A
H1212	12V/12W	ELM1254, ELM1272	N/A	31'	33'	39'	41'
H2006	6V/20W	ELM654	N/A	35'	37'	52'	49'
H2012	12V/20W	ELM1254, ELM1272	N/A	43'	41'	38'	32'

*Meets Life Safety Code® standard minimum illuminance of 0.1 FC, average illuminance of 1.0 FC, and 40:1 max/min ratio. Assumes 6'-wide path of egress in 15'-wide aisle of 200' X 200', open warehouse with reflectances of 10/10/10.

Notes

- For Indura® spacing guidelines, see pages 686 and 687.
- Standard lamp for this unit.

The following information is provided to assist in planning layouts for emergency lighting systems. The National Electrical Code® limits voltage drop to a maximum of 5% of nominal. Thus, circuit runs must be of sufficient size to maintain operating voltage when remote fixtures and/or exit signs are connected to the emergency lighting equipment. The table below shows the length of wire run based on system voltage, wire gauge and total wattage on the run.

Formula: As per NEC® standards,

$$V_d = \frac{2 \times L \times I \times R}{1000}$$

Where: L = length of run in feet

I = current

R = resistance of material at 75°C

V_d = voltage drop

Example 1:

A 12V system using a 10-gauge wire will operate four 12W lamps. Total watts on the wire run is 48, length of run from table is 70 feet.

Longer Wire Runs

If loads are uniformly spaced along circuit path (equal watts, equal distances), lengths in the table can be increased by certain values.

Example 2:

Remote heads from *Example 1* will be uniformly spaced. Multiplier is 1.6 for four fixtures. Maximum permissible length of wire run is 70' x 1.6, or 112'.

Number of fixtures:	2	3	4	5
Multiplier:	1.33	1.5	1.6	1.67

To determine multiplier for six or more fixtures, use the following formula:

Number of fixtures = n

$$\text{Multiplier} = \frac{2n}{n+1}$$

VOLTAGE DROP TABLES

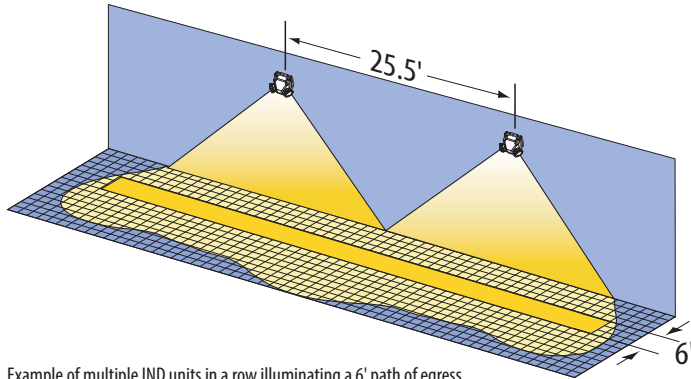
6V SYSTEM					
TOTAL WATTS	WIRE SIZE LENGTH OF WIRE RUN (FEET)				
	12	10	8	6	4
8	67	106	169	268	350
10	53	85	135	214	280
12	44	70	112	178	234
13	41	65	110	165	216
14	38	60	96	153	200
16	33	53	84	134	175
18	30	47	75	120	156
20	26	42	67	107	140
21	25	40	64	102	134
24	22	35	56	89	117
25	21	32	54	86	112
30	18	28	45	71	93
35	15	24	39	62	80
36	15	24	38	61	97
40	13	21	33	53	70
48	11	17	28	44	58
50	10	17	27	43	56
54	10	16	26	41	65
60	9	14	22	36	47
75	8	11	18	29	37
100	6	9	14	22	28
125	4	6	10	17	22
150	3	5	9	14	19
175	3	4	7	12	16
200	2	4	6	10	14
225	2	3	6	9	12
250	2	3	5	8	11
300	1	2	4	7	9
400	1	2	3	5	7
450	1	1	3	4	7

12V SYSTEM					
TOTAL WATTS	WIRE SIZE LENGTH OF WIRE RUN (FEET)				
	12	10	8	6	4
8	267	425	675	1,073	1,707
10	213	339	540	858	1,366
12	178	283	450	715	1,138
13	165	260	415	660	1,050
14	152	242	385	613	975
16	133	212	337	536	853
18	110	190	300	475	760
20	106	169	270	429	683
21	101	161	257	408	650
24	89	141	225	357	569
25	85	136	215	340	540
30	71	112	180	285	455
35	61	97	154	245	390
36	61	97	154	244	388
40	53	84	135	214	341
48	44	70	112	178	284
50	42	68	108	170	275
54	40	64	102	163	259
60	35	52	90	140	225
75	29	45	72	114	182
100	21	34	54	86	137
125	17	27	43	68	109
150	14	23	36	57	91
175	12	19	30	49	78
200	10	17	27	43	68
225	9	15	24	38	60
250	8	14	21	34	55
300	7	11	18	28	45
400	5	8	13	21	34
450	4	8	12	19	30

24V SYSTEM					
TOTAL WATTS	WIRE SIZE LENGTH OF WIRE RUN (FEET)				
	12	10	8	6	4
8	1,068	1,698	2,701	4,293	6,830
10	854	1,358	2,161	3,435	5,464
12	712	1,132	1,801	2,862	4,553
13	660	1,040	1,668	2,640	4,200
14	610	970	1,543	2,453	3,902
16	534	849	1,350	2,146	3,415
18	440	760	1,200	1,900	3,040
20	427	679	1,080	1,717	2,732
21	407	647	1,029	1,635	2,601
24	356	566	900	1,431	2,276
25	340	544	860	1,360	2,160
30	284	448	720	1,140	1,810
35	244	388	616	980	1,560
36	242	386	614	976	1553
40	213	339	540	858	1,366
48	178	283	450	715	1,138
50	168	272	432	680	1,100
54	162	257	410	651	1,035
60	140	208	360	560	900
75	116	180	288	456	728
100	84	136	216	344	548
125	68	108	172	274	437
150	56	92	144	228	364
175	48	77	123	196	312
200	40	68	108	172	272
225	37	60	96	152	242
250	32	52	84	136	220
300	26	44	72	112	180
400	21	34	54	85	136
450	19	30	48	76	120

INDURA[®] INDURA 4X

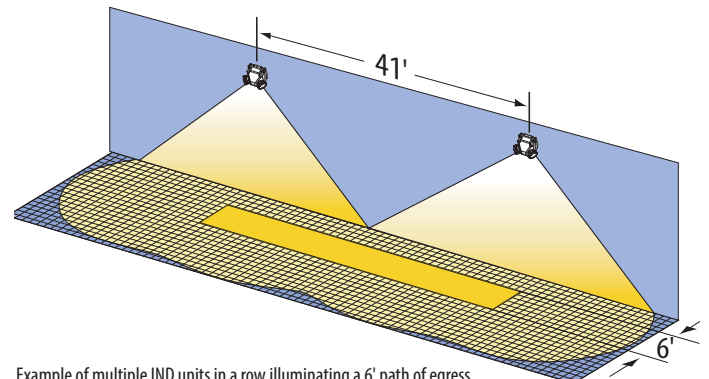
Spacing Guidelines



Example of multiple IND units in a row illuminating a 6' path of egress.

IND K0906 Performance Advantage^{1,2}

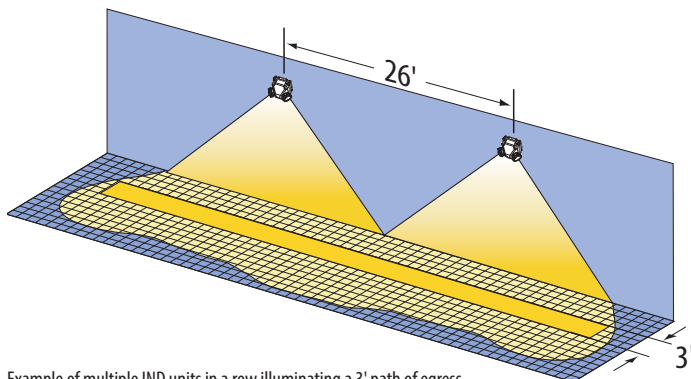
- Medium distribution



Example of multiple IND units in a row illuminating a 6' path of egress.

IND H2006 Performance Advantage^{1,2}

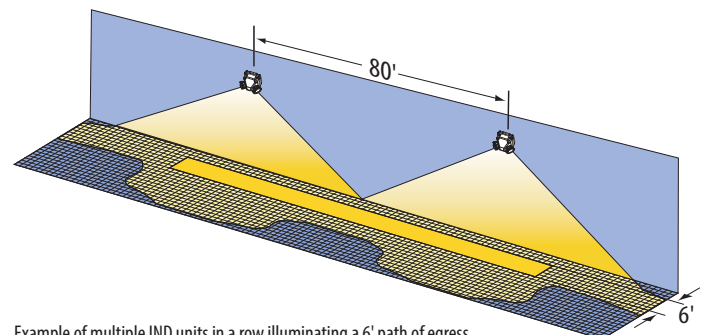
- Spot distribution
- Best suited for applications requiring mounting heights of 12'-14'



Example of multiple IND units in a row illuminating a 3' path of egress.

IND K0912 Performance Advantage^{1,2}

- Medium distribution



Example of multiple IND units in a row illuminating a 6' path of egress.

IND H5012S Performance Advantage^{1,2}

- Flood distribution
- Best suited for applications requiring mounting heights above 14'



1 FC average

0.1 FC minimum

Notes

- 1 Meets Life Safety Code[®] standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes space of 200'L X 200'W X 30'H, mounting height: 12', ceiling height 30', and reflectances 10/10/10. Analysis based on independently tested photometrics.
- 2 See page 687 for recommended spacing chart.

INDURA® INDURA 4X

Spacing Guidelines for Composite Lamps

INDURA/INDURA 4X SPACING GUIDELINES																		
							12' MOUNTING HEIGHT		14' MOUNTING HEIGHT		16' MOUNTING HEIGHT		18' MOUNTING HEIGHT		20' MOUNTING HEIGHT		24' MOUNTING HEIGHT	
	CATALOG NUMBER	VOLTS	WATTS	LAMP TYPE	LUMENS	BEAM	1FC		1FC		1FC		1FC		1FC		1FC	
							AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.
INDURA® COMPOSITE LAMPS	K0906	6	9	Krypton	180	Medium	26	—	26	—	23	—	20	—	20	—	10	—
	K0912	12	9	Krypton	190	Medium	24	—	24	—	22	—	22	—	22	—	20	—
	H1206	6	12	Halogen	239	Spot	32	—	32	—	32	—	30	—	30	—	28	—
	H1206	6	12	Halogen	239	Medium	28	16	28	16	26	16	24	18	22	18	20	15
	H1206	6	12	Halogen	239	Flood	17	—	16	—	15	—	—	—	—	—	—	—
	H2006	6	20	Halogen	402	Spot	46	16	46	16	45	16	43	16	41	16	39	16
	H2006	6	20	Halogen	402	Medium	35	22	34	24	33	24	31	23	29	22	24	18
	H2006	6	20	Halogen	402	Flood	22	15	21	15	20	15	18	15	17	—	—	—
	H1212	12	12	Halogen	277	Spot	38	—	38	—	38	—	38	—	37	—	33	15
	H1212	12	12	Halogen	277	Medium	35	16	35	17	33	19	31	20	30	21	26	21
	H1212	12	12	Halogen	276	Flood	22	—	21	—	21	—	20	15	18	—	—	—
	H2012	12	20	Halogen	314	Spot	38	—	38	—	36	—	36	—	34	—	30	15
	H2012	12	20	Halogen	314	Medium	26	19	26	19	23	19	23	18	21	18	17	15
	H2012	12	20	Halogen	314	Flood	15	—	15	—	—	—	—	—	—	—	—	—
	H2024	24	20	Halogen	300	Spot	38	—	38	—	37	—	35	—	33	—	30	—
	H2024	24	20	Halogen	300	Medium	38	—	38	—	37	15	35	16	33	17	29	19
	H2024	24	20	Halogen	300	Flood	23	—	23	—	22	—	20	—	18	—	15	—
INDURA® 4X COMPOSITE LAMPS	K0906	6	9	Krypton	151	Medium	22	—	21	—	21	—	20	—	18	—	16	—
	K0912	12	9	Krypton	190	Medium	20	—	20	—	19	—	19	—	18	—	16	—
	H1206	6	12	Halogen	238	Spot	25	—	25	—	25	—	25	—	25	—	25	—
	H1206	6	12	Halogen	238	Medium	25	16	22	16	22	16	20	18	19	18	15	15
	H1206	6	12	Halogen	238	Flood	17	—	16	—	14	—	13	—	12	—	10	—
	H2006	6	20	Halogen	402	Spot	38	16	38	16	38	16	38	16	38	16	38	16
	H2006	6	20	Halogen	402	Medium	35	22	33	24	33	24	32	23	31	22	28	18
	H2006	6	20	Halogen	402	Flood	26	15	24	15	22	15	20	15	18	—	16	—
	H1212	12	12	Halogen	276	Spot	30	—	30	—	30	—	30	—	30	—	26	15
	H1212	12	12	Halogen	276	Medium	28	16	27	17	25	19	24	20	22	21	20	21
	H1212	12	12	Halogen	276	Flood	18	—	16	—	15	—	14	15	12	—	10	—
	H2012	12	20	Halogen	314	Spot	33	—	33	—	33	—	33	—	33	—	29	15
	H2012	12	20	Halogen	314	Medium	26	19	26	19	23	19	23	18	21	18	17	15
	H2012	12	20	Halogen	314	Flood	15	—	15	—	—	—	—	—	—	—	—	—
	H2024	24	20	Halogen	300	Spot	34	—	34	—	34	—	33	—	32	—	30	—
	H2024	24	20	Halogen	300	Medium	35	—	34	—	34	15	34	16	33	17	31	19
	H2024	24	20	Halogen	300	Flood	29	—	26	—	25	—	22	—	21	—	18	—

*All spacings are intended to be guidelines and meet Life Safety Code® standard minimum illuminance of 0.1 FC, average illuminance of 1.0 FC and 40:1 max/min ratio. The 1 FC minimum fixture spacing meets a 0.1 FC minimum illuminance, 1.0 FC average illuminance and a 40:1 max/min ratio. Results will vary if application deviates from dimensions or assumptions stated. Spacing guidelines assume 6'-wide path of egress in 15'-wide aisle of 200'x200'x30' open warehouse with reflectances of 10/10/10.

OUTDOOR EMERGENCY LIGHTING

Traditional emergency lighting and exit signs have been primarily focused on guiding the interior occupants of a building to the nearest exit in the event of an emergency. Today, an additional emphasis is being placed on getting occupants to and along a path of safety once they are out of the building.

While the code is unclear on what constitutes a pathway and the definition of "the means to a public way", local authorities having jurisdiction over code enforcement and compliance have begun to broaden their interpretation of the Life Safety Code® to include some elements of outdoor emergency lighting.

Lithonia Lighting® provides a complete list of solutions for outdoor emergency applications, including both *normally on* outdoor fixtures that switch to emergency mode when needed,

and *normally off* fixtures designed only to provide emergency lighting.

Normally Off (Dedicated) Fixtures

The following dedicated normally off fixtures include both stand-alone emergency lighting units and remote lamp heads. Both offer their own unique advantages.

Remote lamp heads offer advantages such as lower initial cost, lower maintenance cost and better aesthetics due to their small size. However, a battery source is required for operation.

Stand-alone emergency lighting units come equipped with a battery and can be less expensive if the application requires a small number to meet light levels.



INDX

STAND-ALONE EMERGENCY LIGHTING UNITS ¹						
Stand-alone unit equipment also can be used as a power source.						
FIXTURE		DESCRIPTION	WET ¹	DAMP ²	NEMA 4X ³	COLD WEATHER ⁴
AFN EXT AFN EXT FWD		Architectural die-cast with xenon lamp, standard and forward optics (FWD) option	■	■		-18° C to 50° C
IND618-6100 IND1236-12450 IND24100-24150		Industrial emergency unit with krypton lamp		■		-40° C to 55° C (ULT option)
INDX618-6100 INDX1236-12125 INDX24100		Industrial NEMA 4X emergency unit with krypton lamp	■	■	■	-40° C to 55° C (ULT option)
ELM DL ELM2 DL ELM2 LED		Thermoplastic emergency unit with krypton lamp		■		
ELM618-654 DL ELM1254-1272 DL ELMLT		High-capacity thermoplastic with krypton lamp		■		
WLTU LED		Wet location emergency light	■			

■ = Available



AFN

REMOTE LAMP HEADS ¹						
FIXTURE		DESCRIPTION	WET	DAMP	NEMA 4X/IP66	COLD WEATHER
ELA AFNR		Architectural die-cast remote w/xenon lamp	■	■		-40° C to 40° C
ELA OMC		Outdoor mini cylinder die-cast remote w/halogen lamp	■	■	■	
ELA CL		Recessed round outdoor core remote w/halogen lamp	■	■		
ELA OSL		Recessed outdoor step light w/halogen lamp	■	■		
ELA NX		Gasketed, wet location remote w/incandescent or halogen lamp	■	■		

■ = Available

Lithonia Lighting unit equipment or exit signage with additional capacity can be used to power any remote-mounted lamp. These units or exits can be mounted indoors, while leads can be run to the outdoors.

Notes

¹ For more wet location remote head options see page 670-671.

Normally On Fixtures

Lithonia Lighting® building-mounted products are available with several options to provide attractive and efficient outdoor emergency egress lighting solutions.

Integral emergency battery packs (ELDW) or operation with a remote battery pack (ELDWR) for use with compact fluorescent lamps, 12V DC lamps (DC12) powered by a remote battery source or 120V AC lamps (EC) on an emergency circuit are all available today. For specific product and technical information, please refer to www.lithonia.com.

ELDW

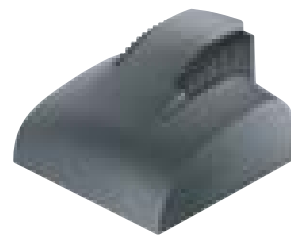
Integral battery pack that operates compact fluorescent lamps at a reduced lumen output.

ELDWR

Remote battery pack ready for compact fluorescent lamps. Battery pack (by others) mounted external to the building-mounted luminaire. Pilot light/test switch mounting plate and additional wiring included to connect with the external battery pack provided separately.

LAMP OPTIONS (# OF LAMPS/WATT- AGE)	LAMP START TEMP. °F (°C)	ELDW			ELDWR ⁵	
		INITIAL ELDW LUMENS	GATEWAY® VGR1C, VGR2C, VGR4C, VGR5C	ARCHITECTURAL SCONCE WSR, WST, WSQ	AERIS™ ASW	VGRXC WSR/T/Q ASW
13DTT	-5° (-20°)	350	■			■
2/13DTT	-5° (-20°)	425	■			■
18DTT	-5° (-20°)	475	■			■
2/18DTT	-5° (-20°)	575	■			■
26DTT	-5° (-20°)	600	■			■
2/26DTT	-5° (-20°)	700		■	■	■
26TRT	-5° (-20°)	450	■			■
2/26TRT	-5° (-20°)	725				■
32TRT	-5° (-20°)	575	■	■	■	■
2/32TRT	-5° (-20°)	750				■
42TRT	-5° (-20°)	750	■	■	■	■
2/42TRT	-5° (-20°)	N/A				■

■ = Available



ASW

DC Options

The DC option provides an auxiliary emergency socket for either a 20W or 35W, 12V DC bayonet base MR11 lamp for use with separate external 12V emergency power source (provided by others).

DC LAMP OPTION SUFFIX ⁶ (# OF LAMPS/WATTAGE)	INITIAL LUMENS (PER LAMP)	CONTOUR® TWAC	ARCHITECTURAL SCONCE WSR, WST, WSQ	AERIS™ ASW ⁷
DC2012 (1) 20W lamp	350	■	■	■
2DC2012 (2) 20W lamps	350	■	■	■
DC12 (1) 35W lamp	660	■	■	■
2DC12 (2) 35W lamps	660	■	■	■

■ = Available



TWAC

Notes

- 1 Direct exposure to rain or water.
- 2 Subject to moisture; fixture must be mounted under a canopy.
- 3 NEMA 4X hosedown/dustproof listing.
- 4 Cold weather listing: -18 to 50°C (AFN); -40 to 60°C (ELA AFNR DB); or -40 to 55°C (IND/INDX). Exit signage with additional capacity also can be used to run remote heads (e.g., Signature® with ELA LEHO or LHQM).
- 5 Initial ELDWR lamp lumens depends on the battery pack used. Add ELDW or ELDWR to product family catalog number.
- 6 Add DC option suffix to product family catalog number.
- 7 Consult factory for wattage and reflector availability.

For additional information, visit www.lithonia.com/outdooremergency.

NFPA 101 LIFE SAFETY CODE® 2012

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7.8 Illumination of Means of Egress.

7.8.1 General.

7.8.1.1* Illumination of means of egress shall be provided in accordance with Section 7.8 for every building and structure where required in Chapters 11 through 43. For the purposes of this requirement, exit access shall include only designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit. For the purposes of this requirement, exit discharge shall include only designated stairs, aisles, corridors, ramps, escalators, walkways, and exit passageways leading to a public way.

7.8.1.2 Illumination of means of egress shall be continuous during the time that the conditions of occupancy require that the means of egress be available for use, unless otherwise provided in 7.8.1.2.2.

7.8.1.2.1 Artificial lighting shall be employed at such locations and for such periods of time as are necessary to maintain the illumination to the minimum criteria values herein specified.

7.8.1.2.2 Unless prohibited by Chapters 11 through 43, automatic, motion sensor-type lighting switches shall be permitted within the means of egress, provided that the switch controllers comply with all the following:

- (1) The switch controllers are listed.
- (2) The switch controllers are equipped for fail-safe operation and evaluated for this purpose.
- (3) The illumination timers are set for a minimum 15-minute duration.
- (4) The motion sensor is activated by any occupant movement in the area served by the lighting units.
- (5) The switch controller is activated by activation of the building fire alarm system, if provided.

7.8.1.3* The floors and other walking surfaces within an exit and within the portions of the exit access and exit discharge designated in 7.8.1.1 shall be illuminated as follows: (1) During conditions of stair use, the minimum illumination for new stairs shall be at least 10 ft-candle (108 lux), measured at the walking surfaces. (2) The minimum illumination for floors and walking surfaces, other than new stairs during conditions of stair use, shall be to values of at least 1 ft-candle (10.8 lux), measured at the floor. (3) In assembly occupancies, the illumination of the walking surfaces of exit access shall be at least 0.2 ft-candle (2.2 lux) during periods of performances or projections involving directed light. (4)*The minimum illumination requirements shall not apply where operations or processes require low lighting levels.

7.8.1.4* Required illumination shall be arranged so that the failure of any single lighting unit does not result in an illumination level of less than 0.2 ft-candle (2.2 lux) in any designated area.

7.8.1.5 The equipment or units installed to meet the requirements of Section 7.10 also shall be permitted to serve the function of illumination of means of egress, provided that all requirements of Section 7.8 for such illumination are met.

7.8.2 Sources of Illumination.

7.8.2.1* Illumination of means of egress shall be from a source considered reliable by the authority having jurisdiction.

7.8.2.2 Battery-operated electric lights and other types of portable lamps or lanterns shall not be used for primary illumination of means of egress. Battery-operated electric lights shall be permitted to be used as an emergency source to the extent permitted under Section 7.9.

7.9 Emergency Lighting.

7.9.1 General.

7.9.1.1* Emergency lighting facilities for means of egress shall be provided in accordance with Section 7.9 for the following: (1) Buildings or structures where required in Chapters 11 through 43 (2) Underground and limited access structures as addressed in Section 11.7 (3) High-rise buildings as required by other sections of this Code (4) Doors equipped with delayed-egress locks (5) Stair shaft and vestibule of smokeproof enclosures, for which the following also apply: (a) The stair shaft and vestibule shall be permitted to include a standby generator that is installed for the smokeproof enclosure mechanical ventilation equipment. (b) The standby generator shall be permitted to be used for the stair shaft and vestibule emergency lighting power supply. (6) New access-controlled egress doors in accordance with 7.2.1.6.2.

7.9.1.2 For the purposes of 7.9.1.1, exit access shall include only designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit. For the purposes of 7.9.1.1, exit discharge shall include only designated stairs, ramps, aisles, walkways, and escalators leading to a public way.

7.9.1.3 Where maintenance of illumination depends on changing from one energy source to another, a delay of not more than 10 seconds shall be permitted.

7.9.2 Performance of System.

7.9.2.1* Emergency illumination shall be provided for a minimum of 1-1/2 hours in the event of failure of normal lighting. Emergency lighting facilities shall be arranged to provide initial illumination that is not less than an average of 1 ft-candle (10.8 lux) and, at any point, not less than 0.1 ft-candle (1.1 lux), measured along the path of egress at floor level. Illumination levels shall be permitted to decline to not less than an average of 0.6 ft-candle (6.5 lux) and, at any point, not less than 0.06 ft-candle (0.65 lux) at the end of the 1-1/2 hours. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded.

7.9.2.2 New emergency power systems for emergency lighting shall be at least Type 10, Class 1.5, Level 1, in accordance with NFPA 110, *Standard for Emergency and Standby Power Systems*.

7.9.2.3* The emergency lighting system shall be arranged to provide the required illumination automatically in the event of any interruption of normal lighting due to any of the following: (1) Failure of a public utility or other outside electrical power supply (2) Opening of a circuit breaker or fuse (3) Manual act(s), including accidental opening of a switch controlling normal lighting facilities.

7.9.2.4 Emergency generators providing power to emergency lighting systems shall be installed, tested, and maintained in accordance with NFPA 110, *Standard for Emergency and Standby Power Systems*. Stored electrical energy systems, where required in this Code, other than battery systems for emergency luminaires in accordance with 7.9.2.5, shall be installed and tested in accordance with NFPA 111, *Standard on Stored Electrical Energy Emergency and Standby Power Systems*.

7.9.2.5 Unit equipment and battery systems for emergency luminaires shall be listed to ANST/UL 924, *Standard for Emergency Lighting and Power Equipment*.

7.9.2.6* Existing battery-operated emergency lights shall use only reliable types of rechargeable batteries provided with suitable facilities for maintaining them in properly charged condition. Batteries used in such lights or units shall be approved for their intended use and shall comply with NFPA 70, *National Electrical Code*.

7.9.2.7 The emergency lighting system shall be either continuously in operation or shall be capable of repeated automatic operation without manual intervention.

7.9.3 Periodic Testing of Emergency Lighting Equipment.

7.9.3.1 Required emergency lighting systems shall be tested in

accordance with one of the three options offered by 7.9.3.1.1, 7.9.3.1.2, or 7.9.3.1.3.

7.9.3.1.1 Testing of required emergency lighting systems shall be permitted to be conducted as follows: (1) Functional testing shall be conducted monthly with a minimum of 3 weeks and a maximum of 5 weeks between tests, for not less than 30 seconds, except as otherwise permitted by 7.9.3.1.1(2). (2) The test interval shall be permitted to extend beyond 30 days with the approval of the authority having jurisdiction. (3) Functional testing shall be conducted annually for not less than 1-1/2 hours if the emergency lighting system is battery powered. (4) The emergency lighting equipment shall be fully operational for the duration of the tests required by 7.9.3.1.1(1) and (3). (5) Written records of visual inspections and tests shall be kept by the owner for inspection by the authority having jurisdiction.

7.9.3.1.2 Testing of required emergency lighting systems shall be permitted to be conducted as follows: (1) Self-testing/self-diagnostic battery-operated emergency lighting equipment shall be provided. (2) Not less than once every 30 days, self-testing/self-diagnostic battery-operated emergency lighting equipment shall automatically perform a test with a duration of a minimum of 30 seconds and a diagnostic routine. (3) Self-testing/self-diagnostic battery-operated emergency lighting equipment shall indicate failures by a status indicator. (4) A visual inspection shall be performed at intervals not exceeding 30 days. (5) Functional testing shall be conducted annually for a minimum of 1-1/2 hours. (6) Self-testing/self-diagnostic battery-operated emergency lighting equipment shall be fully operational for the duration of the 1-1/2 hour test. (7) Written records of visual inspections and tests shall be kept by the owner for inspection by the authority having jurisdiction.

7.9.3.1.3 Testing of required emergency lighting systems shall be permitted to be conducted as follows: (1) Computer-based, self-testing/self-diagnostic battery operated emergency lighting equipment shall be provided. (2) Not less than once every 30 days, emergency lighting equipment shall automatically perform a test with a duration of a minimum of 30 seconds and a diagnostic routine. (3) The emergency lighting equipment shall automatically perform annually a test for not less than 1-1/2 hours. (4) The emergency lighting equipment shall be fully operational for the duration of the tests required by 7.9.3.1.3(2) and (3). (5) The computer-based system shall be capable of providing a report of the history of tests and failures at all times.

7.10 Marking of Means of Egress.

7.10.1 General.

7.10.1.1 Where Required. Means of egress shall be marked in accordance with Section 7.10 where required in Chapters 11 through 43.

7.10.1.2 Exits.

7.10.1.2.1* Exits, other than main exterior exit doors that obviously and clearly are identifiable as exits, shall be marked by an approved sign that is readily visible from any direction of exit access.

7.10.1.2.2* Horizontal components of the egress path within an exit enclosure shall be marked by approved exit or directional exit signs where the continuation of the path of egress is not obvious.

7.10.1.3 Exit Door Tactile Signage. Tactile signage shall be provided to meet the following criteria, unless otherwise provided in 7.10.1.4: (1) Tactile signage shall be located at each exit door requiring an exit sign. (2) Tactile signage shall read as follows: EXIT. (3) Tactile signage shall comply with ICC/ANSI A117.1, *American National Standard for Accessible and Usable Buildings and Facilities*.

7.10.1.4 Existing Exemption. The requirements of 7.10.1.3 shall not apply to existing buildings, provided that the occupancy classification does not change.

7.10.1.5 Exit Access.

7.10.1.5.1 Access to exits shall be marked by approved, readily visible

located near the floor level in addition to those signs required for doors or corridors. The bottom of the sign shall be not less than 6 in. (150 mm), but not more than 18 in. (455 mm), above the floor. For exit doors, the sign shall be mounted on the door or adjacent to the door, with the nearest edge of the sign within 4 in. (100 mm) of the door frame.

7.10.1.7* Floor Proximity Egress Path Marking. Where floor proximity egress path marking is required in Chapters 11 through 43, an approved floor proximity egress path marking system that is internally illuminated shall be installed within 18 in. (455 mm) of the floor. Floor proximity egress path marking systems shall be listed in accordance with ANSI/UL 1994, *Standard for Luminous Egress Path Marking Systems*. The system shall provide a visible delineation of the path of travel along the designated exit access and shall be essentially continuous, except as interrupted by doorways, hallways, corridors, or other such architectural features. The system shall operate continuously or at any time the building fire alarm system is activated. The activation, duration, and continuity of operation of the system shall be in accordance with 7.9.2. The system shall be maintained in accordance with the product manufacturing listing.

7.10.1.8* Visibility. Every sign required in Section 7.10 shall be located and of such size, distinctive color, and design that it is readily visible and shall provide contrast with decorations, interior finish, or other signs. No decorations, furnishings, or equipment that impairs visibility of a sign shall be permitted. No brightly illuminated sign (for other than exit purposes), display, or object in or near the line of vision of the required exit sign that could detract attention from the exit sign shall be permitted.

7.10.1.9 Mounting Location. The bottom of new egress markings shall be located at a vertical distance of not more than 6 ft 8 in. (2030 mm) above the top edge of the egress opening intended for designation by that marking. Egress markings shall be located at a horizontal distance of not more than the required width of the egress opening, as measured from the edge of the egress opening intended for designation by that marking to the nearest edge of the marking.

7.10.2 Directional Signs.

7.10.2.1* A sign complying with 7.10.3 with a directional indicator showing the direction of travel shall be placed in every location where the direction of travel to reach the nearest exit is not apparent.

7.10.2.2 Directional exit signs shall be provided within horizontal components of the egress path within exit enclosures as required by 7.10.1.2.2.

7.10.3* Sign Legend.

7.10.3.1 Signs required by 7.10.1 and 7.10.2 shall read as follows in plainly legible letters, or other appropriate wording shall be used:

EXIT

7.10.3.2* Where approved by the authority having jurisdiction, pictograms in compliance with NFPA 170, *Standard for Fire Safety and Emergency Symbols*, shall be permitted.

7.10.4* Power Source. Where emergency lighting facilities are required by the applicable provisions of Chapter 11 through Chapter 42 for individual occupancies, the signs, other than approved self-luminous signs and listed photoluminescent signs in accordance with 7.10.7.2, shall be illuminated by the emergency lighting facilities. The level of illumination of the signs shall be in accordance with 7.10.6.3 or 7.10.7 for the required emergency lighting duration as specified in 7.9.2.1. However, the level of illumination shall be permitted to decline to 60 percent at the end of the emergency lighting duration.

7.10.5 Illumination of Signs.

7.10.5.1* General. Every sign required by 7.10.1.2, 7.10.1.5, or 7.10.8.1, other than where operations or processes require low lighting levels, shall be suitably illuminated by a reliable light source. Externally and internally illuminated signs shall be legible in both the normal and emergency lighting mode.

7.10.5.2* Continuous Illumination.

7.10.5.2.1 Every sign required to be illuminated by 7.10.6.3, 7.10.7, and 7.10.8.1 shall be continuously illuminated as required under the provisions of Section 7.8, unless otherwise provided in 7.10.5.2.2.

7.10.5.2.2* Illumination for signs shall be permitted to flash on and off upon activation of the fire alarm system.

7.10.6 Externally Illuminated Signs.

7.10.6.1* Size of Signs.

7.10.6.1.1 Externally illuminated signs required by 7.10.1 and 7.10.2, other than approved existing signs, unless otherwise provided in 7.10.6.1.2, shall read EXIT or shall use other appropriate wording in plainly legible letters sized as follows: (1) For new signs, the letters shall be not less than 6 in. (150 mm) high, with the principal strokes of letters not less than 3/4 in. (19 mm) wide. (2) For existing signs, the required wording shall be permitted to be in plainly legible letters not less than 4 in. (100 mm) high. (3) The word EXIT shall be in letters of a width not less than 2 in. (51 mm), except the letter I, and the minimum spacing between letters shall be not less than 3/8 in. (9.5 mm). (4) Sign legend elements larger than the minimum established in 7.10.6.1.1(1) through 7.10.6.1.1(3) shall use letter widths, strokes, and spacing in proportion to their height.

7.10.6.1.2 The requirements of 7.10.6.1.1 shall not apply to marking required by 7.10.1.3 and 7.10.1.7.

7.10.6.2* Size and Location of Directional Indicator.

7.10.6.2.1 Directional indicators, unless otherwise provided in 7.10.6.2.2, shall comply with the following:

- (1) The directional indicator shall be located outside of the EXIT legend, not less than 3/8 in. (9.5 mm) from any letter.
- (2) The directional indicator shall be of a chevron type, as shown in Figure 7.10.6.2.1.
- (3) The directional indicator shall be identifiable as a directional indicator at a distance of 40 ft (12 m).
- (4) A directional indicator larger than the minimum established for compliance with 7.10.6.2.1(3) shall be proportionately increased in height, width, and stroke.
- (5) The directional indicator shall be located at the end of the sign for the direction indicated.



FIGURE 7.10.6.2.1 Chevron-Type Indicator.

7.10.6.2.2 The requirements of 7.10.6.2.1 shall not apply to approved existing signs.

7.10.6.3* Level of Illumination. Externally illuminated signs shall be illuminated by not less than 5 ft-candles (54 lux) at the illuminated surface and shall have a contrast ratio of not less than 0.5.

7.10.7 Internally Illuminated Signs.

7.10.7.1 Listing. Internally illuminated signs shall be listed in accordance with ANSI/UL 924, *Standard for Emergency Lighting and Power Equipment*, unless they meet one of the following criteria: (1) They are approved existing signs. (2) They are existing signs having the required wording in legible letters not less than 4 in. (100 mm) high. (3) They are signs that are in accordance with 7.10.1.3 and 7.10.1.6.

7.10.7.2* Photoluminescent Signs. The face of a photoluminescent sign shall be continually illuminated while the building is occupied. The illumination levels on the face of the photoluminescent sign shall be in accordance with its listing. The charging illumination shall be a reliable light source as determined by the authority having jurisdiction. The charging light source shall be of a type specified in the product markings.

7.10.8 Special Signs.

7.10.8.1 Sign Illumination.

7.10.8.1.1 Where required by other provisions of this Code, special signs shall be illuminated in accordance with 7.10.5, 7.10.6.3, and 7.10.7.

7.10.8.1.2 Where emergency lighting facilities are required by the applicable provisions of Chapter 11 through Chapter 43, the required illumination of special signs shall additionally be provided under emergency lighting conditions.

7.10.8.2 Characters. Special signs, where required by other provisions of this Code, shall comply with the visual character requirements of ICC/ANSI A117.1, American National Standard for Accessible and Usable Buildings and Facilities.

7.10.8.3* No Exit.

7.10.8.3.1 Any door, passage, or stairway that is neither an exit nor a way of exit access and that is located or arranged so that it is likely to be mistaken for an exit shall be identified by a sign that reads as follows:

NO
EXIT

7.10.8.3.2 The NO EXIT sign shall have the word NO in letters 2 in. z(51 mm) high, with a stroke width of 3/8 in. (9.5 mm), and the word EXIT in letters 1 in. (25 mm) high, with the word EXIT below the word NO, unless such sign is an approved existing sign.

7.10.8.4 Elevator Signs. Elevators that are a part of a means of egress (see 7.2.13.1) shall have the following signs with a minimum letter height of 5/8 in. (16 mm) posted in every elevator lobby: (1)*Signs that indicate that the elevator can be used for egress, including any restrictions on use (2)*Signs that indicate the operational status of elevators.

7.10.8.5* Evacuation Diagram. Where a posted floor evacuation diagram is required in Chapters 11 through 43, floor evacuation diagrams reflecting the actual floor arrangement and exit locations shall be posted and oriented in a location and manner acceptable to the authority having jurisdiction.

7.10.9 Testing and Maintenance.

7.10.9.1 Inspection. Exit signs shall be visually inspected for operation of the illumination sources at intervals not to exceed 30 days or shall be periodically monitored in accordance with 7.9.3.1.3.

7.10.9.2 Testing. Exit signs connected to or provided with a battery-operated emergency illumination source, where required in 7.10.4, shall be tested and maintained in accordance with 7.9.3.

NFPA 70 NATIONAL ELECTRICAL CODE® 2014

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ARTICLE 700 Emergency Systems

I. General

700.1 Scope

The provisions of this article apply to the electrical safety of the installation, operation, and maintenance of emergency systems consisting of circuits and equipment intended to supply, distribute, and control electricity for illumination, power, or both, to required facilities when the normal electrical supply or system is interrupted.

FPN No. 1: For further information regarding wiring and installation of emergency systems in health care facilities, see Article 517.

FPN No. 2: For further information regarding performance and maintenance of emergency systems in health care facilities, see NFPA 99-2012, Standard for Health Care Facilities.

FPN No. 3: For specification of locations where emergency lighting is considered essential to life safety, see NFPA 101®-2012, Life Safety Code®.

FPN No. 4: For further information regarding performance of emergency and standby power systems, see NFPA 110-2013, Standard for Emergency and Standby Power Systems.

700.7 Signs

(A) **Emergency Sources.** A sign shall be placed at the service entrance equipment, indicating type and location of on-site emergency power sources.

Exception: A sign shall not be required for individual unit equipment as specified in 700.12(F).

(B) **Grounding.** Where removal of a grounding or bonding connection in normal power source equipment interrupts the grounding electrode conductor connection to the alternate power source(s) grounded conductor, a warning sign shall be installed at the normal power source equipment stating:

WARNING

SHOCK HAZARD EXISTS IF GROUNDING
ELECTRODE CONDUCTOR OR BONDING JUMPER
CONNECTION IN THIS EQUIPMENT IS REMOVED
WHILE ALTERNATE SOURCE(S) IS ENERGIZED.

The warning sign(s) or label(s) shall comply with 110.21(B).

II. Circuit Wiring

700.10 Wiring, Emergency System

(A) **Identification.** All boxes and enclosures (including transfer switches, generators, and power panels) for emergency circuits shall be permanently marked so they will be readily identified as a component of an emergency circuit or system.

(B) **Wiring.** Wiring of two or more emergency circuits supplied from the same source shall be permitted in the same raceway, cable, box, or cabinet. Wiring from an emergency source or emergency source distribution overcurrent protection to emergency loads shall be kept entirely independent of all other wiring and equipment, unless otherwise permitted in 700.10 (B)(1) through (5):

- (1) Wiring from the normal power source located in transfer equipment enclosures
- (2) Wiring supplied from two sources in exit or emergency luminaires (lighting fixtures)
- (3) Wiring from two sources in a listed load control relay supplying exit or emergency luminaires, or in a common junction box, attached to exit or emergency luminaires
- (4) Wiring within a common junction box attached to unit equipment, containing only the branch circuit supplying the unit equipment and the emergency circuit supplied by the unit equipment
- (5) Wiring from an emergency source to supply emergency and other loads in accordance with 700.10(B)(5)a, b, c, and d as follows:

(a) Separate vertical switchgear sections or separate vertical switchboard sections, with or without a common bus, or individual disconnects mounted in separate enclosures shall be used to separate emergency loads from all other loads.

(b) The common bus or separate sections of the switchgear, or the individual enclosures shall be permitted to be supplied by single or multiple feeders without overcurrent protection at the source

Exception to (5)(b): Overcurrent protection shall be permitted at the source or for the equipment, provided the overcurrent protection complies with the requirements of 700.28.

(c) Emergency circuits shall not originate from the same vertical switchgear section, vertical switchboard section, panelboard enclosure, or individual disconnect enclosure as other circuits.

(d) It shall be permissible to utilize single or multiple feeders to supply distribution equipment between an emergency source and the point where

the emergency loads are separated from all other loads.

(C) **Wiring Design and Location** Emergency wiring circuits shall be designed and located so as to minimize the hazards that might cause failure due to flooding, fire, icing, vandalism, and other adverse conditions.

(D) **Fire Protection** Emergency systems shall meet the additional requirements in 700.9(D)(1) and (D)(2) assembly occupancies for not less than 1000 persons or in buildings above 23 m (75 ft) in height with any of the following occupancy classes: assembly, educational, residential, detention and correctional, business, and mercantile.

(1) **Feeder-Circuit Wiring** Feeder-circuit wiring shall meet one of the following conditions:

- (1) Be installed in spaces or areas that are fully protected by an approved automatic fire suppression system
- (2) Be a listed electrical circuit protective system with a minimum 2-hour fire rating
Informational Note: UL guide information for electrical circuit protective systems (FHIT) contains information on proper installation requirements to maintain the fire rating.
- (3) Be protected by a listed thermal barrier system for electrical system components with a minimum 2-hour fire rating
- (4) Be protected by a listed fire-rated assembly that has a minimum fire rating of 1 hour and contains only emergency wiring circuits
- (5) Be encased in a minimum of 50 mm (2 in.) of concrete

(2) **Feeder-Circuit Equipment.** Equipment for feeder circuits (including transfer switches, transformers, and panelboards) shall be located either in spaces fully protected by approved automatic fire suppression systems (including sprinklers, carbon dioxide systems) or in spaces with a 2-hour fire resistance rating.

(3) **Generator Control Wiring.** Control conductors installed between the transfer equipment and the emergency generator shall be kept entirely independent of all other wiring and shall meet the conditions of 700.10(D)(1).

III. Sources of Power

700.12 General Requirements. Current supply shall be such that, in the event of failure of the normal supply to, or within, the building or group of buildings concerned, emergency lighting, emergency power, or both shall be available within the time required for the application but not to exceed 10 seconds. The supply system for emergency purposes, in addition to the normal services to the building and meeting the general requirements of this section, shall be one or more of the types of systems described in 700.12(A) through (E). Unit equipment in accordance with 700.12(F) shall satisfy the applicable requirements of this article.

In selecting an emergency source of power, consideration shall be given to the occupancy and the type of service to be rendered, whether of minimum duration, as for evacuation of a theater, or longer duration, as for supplying emergency power and lighting due to an indefinite period of current failure from trouble either inside or outside the building.

Equipment shall be designed and located so as to minimize the hazards that might cause complete failure due to flooding, fires, icing, and vandalism.

Equipment for sources of power as described in 700.12(A) through (E) where located within assembly occupancies for greater than 1000 persons or in buildings above 23 m (75 ft) in height with any of the following occupancy classes — assembly, educational, residential, detention and correctional, business, and mercantile — shall be installed either in spaces fully protected by approved automatic fire suppression systems (sprinklers, carbon dioxide systems, and so forth) or in spaces with a 1-hour fire rating.

For the definition of Occupancy Classification, see Section 6.1 of NFPA 101-2012, Life Safety Code.

For further information, see ANSI/IEEE 493-2007, Recommended Practice for the Design of Reliable Industrial and Commercial Power Systems.

(A) **Storage Battery.** Storage batteries used as a source of power for emergency systems shall be of suitable rating and capacity to supply and maintain the total load for a minimum period of 1 1/2 hours, without the voltage applied to the load falling below 87 1/2 percent of normal.

Batteries, whether of the acid or alkali type, shall be designed and constructed to meet the requirements of emergency service and shall be compatible with the charger for that particular installation.

For a sealed battery, the container shall not be required to be transparent. However, for the lead acid battery that requires water additions, transparent or translucent containers shall be furnished. Automotive-type batteries shall not be used.

An automatic battery charging means shall be provided.

(F) Unit Equipment.

(1) **Components of Unit Equipment.** Individual unit equipment for emergency illumination shall consist of the following:

- (1) A rechargeable battery
 - (2) A battery charging means
 - (3) Provisions for one or more lamps mounted on the equipment, or shall be permitted to have terminals for remote lamps, or both
 - (4) A relaying device arranged to energize the lamps automatically upon failure of the supply to the unit equipment
- (2) **Installation of Unit Equipment.** Unit equipment shall be installed in accordance with 700.12(F)(2)(1) through (6).
- (1) The batteries shall be of suitable rating and capacity to supply and maintain at not less than 87 1/2 percent of the nominal battery voltage for the total lamp load associated with the unit for a period of at least 1 1/2 hours, or the unit equipment shall supply and maintain not less than 60 percent of the initial emergency illumination for a period of at least 1 1/2 hours. Storage batteries, whether of the acid or alkali type, shall be designed and constructed to meet the requirements of emergency service.
 - (2) Unit equipment shall be permanently fixed in place (i.e., not portable) and shall have all wiring to each unit installed in accordance with the requirements of any of the wiring methods in Chapter 3. Flexible cord-and-plug connection shall be permitted, provided that the cord does not exceed 900 mm (3 ft) in length.
 - (3) The branch circuit feeding the unit equipment shall be the same branch circuit as that serving the normal lighting in the area and connected ahead of any local switches.

Exception: In a separate and uninterrupted area supplied by a minimum of three normal lighting circuits that are not part of a multiwire branch circuit, a separate branch circuit for unit equipment shall be permitted if it originates from the same panelboard as that of the normal lighting circuits and is provided with a lock-on feature.

- (4) The branch circuit that feeds unit equipment shall be clearly identified at the distribution panel.
- (5) Emergency luminaires that obtain power from a unit equipment and are not part of the unit equipment shall be wired to the unit equipment as required by 700.10 and by one of the wiring methods of Chapter 3.
- (6) Remote heads providing lighting for the exterior of an exit door shall be permitted to be supplied by the unit equipment serving the area immediately inside the exit door.

IV. Emergency System Circuits for Lighting and Power

700.15 Loads on Emergency Branch Circuits

No appliances and no lamps, other than those specified as required for emergency use, shall be supplied by emergency lighting circuits.

700.16 Emergency Illumination

Emergency illumination shall include all required means of egress lighting, illuminated exit signs, and all other lights specified as necessary to provide required illumination.

Emergency lighting systems shall be designed and installed so that the failure of any individual lighting element, such as the burning out of a lamp, cannot leave in total darkness any space that requires emergency illumination.

Where high-intensity discharge lighting such as high- and low-pressure sodium, mercury vapor, and metal halide is used as the sole source of normal illumination, the emergency lighting system shall be required to operate until normal illumination has been restored.

Where an emergency system is installed, emergency illumination shall be provided in the area of the disconnecting means required by 225.31 and 230.70, as applicable, where the disconnecting means are installed indoors.

Exception: Alternative means that ensure that the emergency lighting illumination level is maintained shall be permitted.

700.17 Branch Circuits for Emergency Lighting

Branch circuits that supply emergency lighting shall be installed to provide service from a source complying with 700.12 when the normal supply for lighting is interrupted. Such installations shall provide either of the following:

- (1) An emergency lighting supply, independent of the normal lighting supply, with provisions for automatically transferring the emergency lights upon the event of failure of the normal lighting branch circuit
- (2) Two or more branch circuits supplied from separate and complete systems with independent power sources. One of the two power sources and systems shall be part of the emergency system, and the other shall be permitted to be part of the normal power source and system. Each system shall provide sufficient power for emergency lighting purposes.

Unless both systems are used for regular lighting purposes and are both kept lighted, means shall be provided for automatically energizing either system upon failure of the other. Either or both systems shall be permitted to be a part of the general lighting system of the protected occupancy if circuits supplying lights for emergency illumination are installed in accordance with other sections of this article.

700.18 Circuits for Emergency Power

For branch circuits that supply equipment classed as emergency, there shall be an emergency supply source to which the load will be transferred automatically upon the failure of the normal supply.

2009 INTERNATIONAL BUILDING CODE®

SECTION 1006

MEANS OF EGRESS ILLUMINATION

1006.1 Illumination required. The means of egress, including the exit discharge, shall be illuminated at all times the building space served by the means of egress is occupied.

Exceptions:

- (1) Occupancies in Group U.
- (2) Aisle accessways in Group A.
- (3) Dwelling units and sleeping units in Groups R-1, R-2 and R-3.
- (4) Sleeping units of Group I occupancies.

1006.2 Illumination level. The means of egress illumination level shall not be less than 1 foot-candle (11 lux) at the walking surface.

Exception: For auditoriums, theaters, concert or opera halls and similar assembly occupancies, the illumination at the walking surface is permitted to be reduced during performances to not less than 0.2 foot-candle (2.15 lux), provided that the required illumination is automatically restored upon activation of a premises' fire alarm system where such system is provided.

1006.3 Illumination emergency power. The power supply for means of egress illumination shall normally be provided by the premises' electrical supply.

In the event of power supply failure, an emergency electrical system shall automatically illuminate all of the following areas:

- (1) Aisles and unenclosed egress stairways in rooms and spaces which require two or more means of egress.
- (2) Corridors, exit enclosures and exit passageways located in buildings required to have two or more exits.
- (3) Exterior egress components at other than their levels of exit discharge until exit discharge is accomplished for buildings required to have two or more exits.
- (4) Interior exit discharge elements, as permitted in Section 1027.1, in buildings required to have two or more exits.
- (5) Exterior landings as required by Section 1008.1.6 for exit discharge doorways in buildings required to have two or more exits.

The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Chapter 27.

1006.4 Performance of system. Emergency lighting facilities shall be arranged to provide initial illumination that is at least an average of 1 foot-candle (11 lux) and a minimum

at any point of 0.1 foot-candle (1 lux) measured along the path of egress at floor level. Illumination levels shall be permitted to decline to 0.6 foot-candle (6 lux) average and a minimum at any point of 0.06 foot-candle (0.6 lux) at the end of the emergency lighting time duration. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded.

SECTION 1011

EXIT SIGNS

1011.1 Where required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit or the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that no point in an exit access corridor or exit passageway is more than 100 feet (30480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.

Exceptions:

- (1) Exit signs are not required in rooms or areas that require only one exit or exit access.
- (2) Main exterior exit doors or gates that are obviously and clearly identifiable as exits need not have exit signs where approved by the building official.
- (3) Exit signs are not required in occupancies in Group U and individual sleeping units or dwelling units in Group R-1, R-2 or R-3.
- (4) Exit signs are not required in dayrooms, sleeping rooms or dormitories in occupancies in Group I-3.
- (5) In occupancies in Groups A-4 and A-5, exit signs are not required on the seating side of vomitories or openings into seating areas where exit signs are provided in the concourse that are readily apparent from the vomitories. Egress lighting is provided to identify each vomitory or opening within the seating area in an emergency.

1011.2 Illumination. Exit signs shall be internally or externally illuminated.

Exception: Tactile signs required by Section 1011.3 need not be provided with illumination.

1011.3 Tactile exit signs. A tactile sign stating EXIT and complying with ICC A117.1 shall be provided adjacent to each door to an egress stairway, an exit ramp, an exit passageway and the exit discharge.

1011.4 Internally illuminated exit signs. Electrically powered, self-luminous and photoluminescent exit signs shall be listed and labeled in accordance with UL 924 and shall be installed in accordance with the manufacturer's instructions and Chapter 27. Exit signs shall be illuminated at all times.

1011.5 Externally illuminated exit signs. Externally illuminated exit signs shall comply with Sections 1011.5.1 through 1011.5.3.

1011.5.1 Graphics. Every exit sign and directional exit sign shall have plainly legible letters not less than 6 inches (152 mm) high with the principal strokes of the letters not less than 3/4 inch (19.1 mm) wide. The word "EXIT" shall have letters having a width not less than 2 inches (51 mm) wide, except the letter "I," and the minimum spacing between letters shall not be less than 3/8 inch (9.5 mm). Signs larger than the minimum established in this section shall have letter widths, strokes and spacing in proportion to their height.

The word "EXIT" shall be in high contrast with the background and shall be clearly discernible when the means of exit sign illumination is or is not energized. If a chevron directional indicator is provided as part of the exit sign, the construction shall be such that the chevron directional indicator cannot be readily changed.

1011.5.2 Exit sign illumination. The face of an exit sign illuminated from an external source shall have an intensity of not less than 5 foot-candles (54 lux).

1011.5.3 Power source. Exit signs shall be illuminated at all times. To ensure continued illumination for a duration of not less than 90 minutes in case of primary power loss, the sign illumination means shall be connected to an emergency power system provided from storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Chapter 27.

Exception: Approved exit sign illumination means that provide continuous illumination independent of external power sources for a duration of not less than 90 minutes, in case of primary power loss, are not required to be connected to an emergency electrical system.

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LITHONIA LIGHTING® OUTDOOR

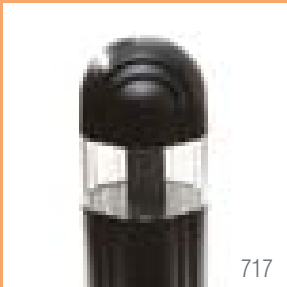
Lithonia Lighting outdoor products are unmatched in the industry for distinctive designs, mechanical integrity and high-performance optical systems. Our products are characterized by superior-grade materials for reliability, highly engineered designs for performance and skilled craftsmanship for aesthetic styling. With a wide selection of luminaires, poles, mounting options and finishes, Lithonia Lighting is the best choice for every outdoor lighting application.



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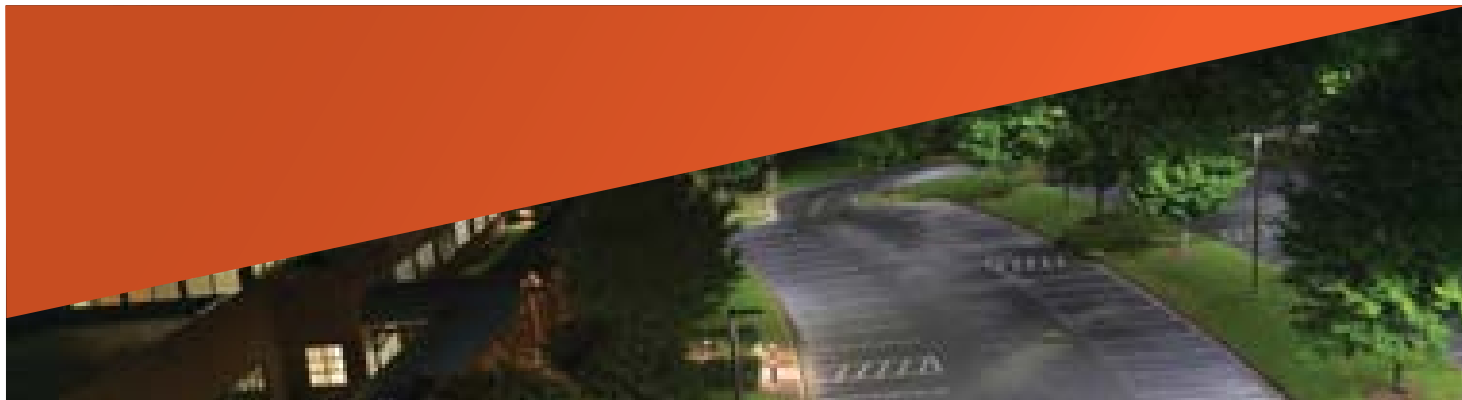
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True to Form

For sites in need of luminaires with a classic appearance, Lithonia Lighting provides a collection of LED products that offer traditional dayforms. Each luminaire is specifically designed to deliver a timeless and familiar presence that allows a seamless upgrade to LED.

AREA



CSX1 LED



CSX2 LED



KAD LED

BOLLARD



KBA8 LED



KBC8 LED



KBD8 LED



KBR8 LED

WALL



TWH LED



TWP LED



TWR LED



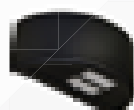
TWR2 LED



TWS LED



WST LED



WSR LED



WSQ LED



MRW LED



OLCS LED

FLOOD



OLBF LED



OLBS LED



OFLR LED

CANOPY



KACM LED



VRC LED



Architectural Shapes

For sites in need of luminaires with a modern dayform, Lithonia Lighting provides a complete portfolio of LED luminaires that are striking yet unobtrusive. These dayforms make a progressive statement while blending seamlessly into the environment.

AREA	 D Series Area Size 0	 D Series Area Size 1	 D Series Area Size 2	 MR1 LED	 MR2 LED	 MRP LED
BOLLARD	 D Series Bollard					
WALL	 OLW LED	 D Series Wall Size 1	 D Series Wall Size 2			
FLOOD	 D Series Flood Size 1	 D Series Flood Size 2	 D Series Flood Size 3			
PARKING	 D Series Parking Garage		 OLWCM LED			

D-SERIES AREA SIZE 0

LED Area Luminaire



Intended Use

The sleek design of the D-series Size 0 reflects the embedded High-performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

Features

- Designed for lower mounting heights; replaces up to a 400W MH luminaire while saving up to 70% in energy
- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- Available with 11 optical distributions for maximum versatility

- LEDs deliver an expected service life of more than 100,000 hours and eliminate frequent lamp changes associated with traditional sources
- Optional diffuse drop lens reduces pixelation and creates soft, comfortable illumination

Listings

CSA Certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672, 492 S. International patent pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	<u>Forward optics</u>	530 530mA	30K 3000K (80 CRI min.)	T1S Type I short	120 ²	<u>Shipped included</u>
	20C 20 LEDs (one engine)	700 700mA	40K 4000K (70 CRI min.)	T2S Type II short	208 ²	SPA Square pole mounting
	40C 40 LEDs (two engines)	1000 1000mA (1 A)	50K 5000K (67 CRI)	T2M Type II medium	240 ²	RPA Round pole mounting
	<u>Rotated optics¹</u>			T3S Type III short	277 ²	WBA Wall bracket
	30C 30 LEDs (one engine)			T3M Type III medium	347 ³	
				T4M Type IV medium	480 ³	

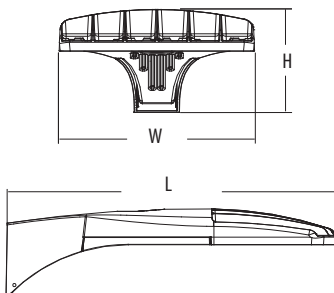
Control options	Other options	Finish	Accessories: Order Separately
<u>Shipped installed</u>	<u>Shipped installed</u>	DDBXD Dark bronze	DLL127F 1.5 JU Photocell-SSL twist lock (120-277V) ¹²
PER NEMA twist-lock receptacle only (no controls) ¹⁴	HS House-side shield	DBLXD Black	DLL347F 1.5 CUL JU Photocell-SSL twist lock (347V) ¹²
DMG 0-10V dimming driver (no controls) ⁵	SF Single fuse (120, 277, 347) ¹⁰	DNAXD Natural aluminum	DLL480F 1.5 CUL JU Photocell-SSL twist lock (480V) ¹²
DCR Dimmable and controllable via ROAM® (no controls) ⁶	DF Double fuse (208, 240, 480V) ¹⁰	DWHXD White	SC U Shorting cap ¹²
PIR Motion sensor, 8-15' mounting height ⁵	L90 Left rotated optics ¹¹	DDBTXD Textured dark bronze	DSX0HS 20C U House-side shield for 20 LED unit
PIRH Motion sensor, 15-30' mounting height ⁵	R90 Right rotated optics ¹¹	DBLBXD Textured black	DSX0HS 30C U House-side shield for 30 LED unit
BL30 Bi-level switched dimming, 30% ^{5,8,9}	<u>Shipped separately</u>	DNATXD Textured natural aluminum	
BL50 Bi-level switched dimming, 50% ^{5,8,9}	DDL Diffused drop lens ⁴	DWHGXD Textured White	

DSX0HS 40C U House-side shield for 40 LED unit
 DSX0DDL U Diffused drop lens (polycarbonate)
 PUMBA DDBXD U* Universal pole suitable for square and round mounting bracket adapter (specify finish)
 For more control options, visit DTL and ROAM online.
 * Round pole top must be 3.25" O.D. minimum.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS				
EPA	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
.8 ft ² (0.07 m ²)	26" (66.0 cm)	13" (33.0 cm)	7" (17.8 cm)	16 lbs (7.25 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Only available with rotated optics (L90 or R90 option).
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with 1000mA.
- Also available as a separate accessory; see Accessories information.
- Not available with 347V or 480V.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net.
- PIR specifies the Sensor Switch SBR-10-ODP control; PIRH specifies the Sensor Switch SBR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
- Requires an additional switched circuit.
- Dimming driver standard. MVOLT only. Not available with DCR.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Available with 30 LEDs (30C option) only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.
- Available as a separate combination accessory: PUMBA (finish) U.
- Photocell ordered & shipped as a separate line item from Acuity Brands Controls. See Accessories.

Intended Use

The sleek design of the D-series Size 1 reflects the embedded High-performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

Features

- Designed to maximize performance; equivalent to a 400W MH luminaire while saving up to 72% in energy
- Delivers energy savings of 20-30% vs. comparable LED luminaires
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- Available with 11 optical distributions for maximum versatility

Listings

CSA Certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672, 492 S. International patent pending. DesignLights Consortium® qualified product.

D-SERIES AREA SIZE 1

LED Area Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

Example: DSX1 LED 60C 1000 40K T5M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	<u>Forward optics</u>	530 530mA	30K 3000K (80 CRI min.)	T1S Type I short	TFTM Forward throw medium	MVOLT ²
	30C 30 LEDs (one engine)	700 700mA	40K 4000K (70 CRI min.) ¹	T2S Type II short	T5VS Type V very short	120 ²
	40C 40 LEDs (two engines)	1000 1000mA (1 A)	50K 5000K (67 CRI)	T2M Type II medium	T5S Type V short	208 ²
	60C 60 LEDs (two engines)			T3S Type III short	T5M Type V medium	240 ²
				T3M Type III medium	T5W Type V wide	277 ²
	<u>Rotated optics</u>			T4M Type IV medium		347 ³
	60C 60 LEDs (two engine)					480 ³
						WBA Wall bracket

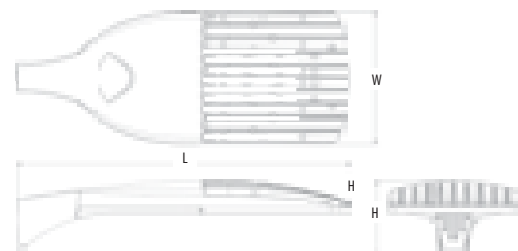
Controls options	Other options	Finish	Accessories: Order Separately
<u>Shipped installed</u>	<u>Shipped installed</u>	DDBXD Dark bronze	DLL127F 1.5 JU Photocell-SSL twist lock (two engines)(120-277V) ¹⁶
PER NEMA twist-lock receptacle only (no controls) ¹⁸	HS House-side shield	DBLXD Black	DLL347F 1.5 CUL JU Photocell-SSL twist lock (347V) ¹⁶
DMG 0-10V dimming driver (no controls) ⁵	WTB Utility terminal block ¹²	DNAXD Natural aluminum	DLL480F 1.5 CUL JU Photocell-SSL twist lock (480V) ¹⁶
DCR Dimmable and controllable via ROAM® (no controls) ⁶	SF Single fuse (120, 277, 347) ¹³	DWHXD White	SC U Shorting cap ¹⁶
DS Dual switching ^{7,8}	DF Double fuse (208, 240, 480V) ¹³	DBLBXD Textured dark bronze	DSX1HS 30C U House-side shield for 30 LED unit
PIR Motion sensor, 8-15' mounting height ⁹	L90 Left rotated optics ¹⁵	DNATXD Textured natural aluminum	DSX1HS 40C U House-side shield for 40 LED unit
PIRH Motion sensor, 15-30' mounting height ¹⁰	R90 Right rotated optics ¹⁵	DWHGXD Textured White	
BL30 Bi-level switched dimming, 30% ^{5,8,11}			
BL50 Bi-level switched dimming, 50% ^{5,8,11}			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS

EPA	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
1.2 ft ² (0.11 m ²)	33" (83.8 cm)	13" (33.0 cm)	7-1/2" (19.0 cm)	27 lbs (12.2 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 3000K (30K) and 5000K (50K) lead times.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (30C 530). N/A with 1000 mA.
- Also available as a separate accessory; see Accessories information.
- Not available with 347V or 480V.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roam-services.net. N/A with PIR or PIRH.
- Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR, or PIRH.
- Requires an additional switched circuit.

- Specifies the Sensor Switch SBR-10-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR, DS, or WTB.
- Specifies the Sensor Switch SBR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR, DS, or WTB.
- Dimming driver standard. MVOLT only. Not available with DCR or WTB.
- WTB not available with BL30, BL50, DS, PIR or PIRH.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- With TLS option, the luminaire is no longer IP65 rated. Not available with PIR or PIRH.
- Available with 60 LEDs (60C option) only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.
- Available as a separate combination accessory: PUMBA (finish) U.
- Photocell ordered & shipped as a separate line item from Acuity Brands Controls. See Accessories.

D-SERIES AREA SIZE 2

LED Area Luminaire



Intended Use

The sleek design of the D-series Size 2 reflects the embedded High-performance LED technology. It is ideal for applications like car dealerships and large parking lots, transit stations, grocery stores, home stores, and other big-box retailers.

Features

- Designed for optimal performance; replaces a 400-1000W MH luminaire while saving up to 80% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- Available with 11 optical distributions for maximum versatility

Listings

CSA Certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. U.S. Patent No. D670, 857 S. International patent pending. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: DSX2 LED 80C 1000 40K T3M MVOLT SPA DDBXD

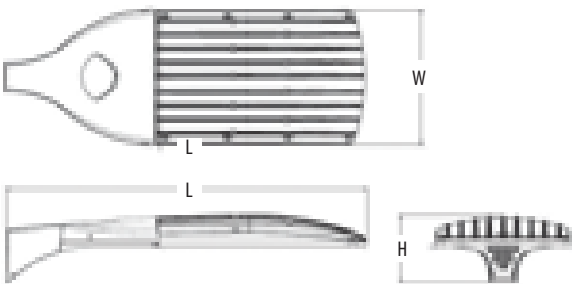
Series	LEDs	Drive current		Color temperature		Distribution				Voltage	Mounting	
DSX2 LED	<u>Forward optics</u>		530	530 mA	30K	3000K	T1S	Type I short	TFTM	Forward throw medium	MVOLT ³	<u>Shipped included</u>
	80C	80 LEDs (four engines)	700	700 mA	40K	4000K ²	T2S	Type II short	T5VS	Type V very short	120 ³	SPA Square pole mounting
	100C	100 LEDs (four engines)	1000	1000 mA (1A) ¹	50K	5000K	T2M	Type II medium	T5S	Type V short	208 ³	RPA Round pole mounting
	<u>Rotated optics</u> ¹⁵						T3S	Type III short	T5M	Type V medium	240 ³	WBA Wall bracket
	80C	80 LEDs (four engines)					T3M	Type III medium	T5W	Type V wide	277 ³	SPUMBA Square pole universal mounting adaptor ¹⁷
							T4M	Type IV medium			347 ¹⁶	
											480 ¹⁶	RPUMBA Round pole universal mounting adaptor ¹⁷

Controls options		Other options		Finish		Accessories: Order Separately	
Shipped installed		Shipped installed		DDBXD Dark bronze		DLL127F 1.5 JU	Photocell-SSL twist lock (120-277V) ¹⁴
PER	NEMA twist-lock receptacle only (no controls) ¹⁸	HS	House-side shield ⁴	DBLXD Black		DLL347F 1.5 CUL JU	Photocell-SSL twist lock (347V) ¹⁴
DMG	0-10V dimming driver (no controls) ⁵	WTB	Utility terminal block ^{5,11}	DNAXD Natural aluminum		DLL480F 1.5 CUL JU	Photocell-SSL twist lock (480V) ¹⁴
DCR	Dimmable and controllable via ROAM® (no controls) ⁶	SF	Single fuse (120, 277, 347) ¹²	DWHXD White		SC U	Shorting cap ¹⁴
DS	Dual switching ^{7,8}	DF	Double fuse (208, 240, 480V) ¹²	DDBTXD Textured dark bronze		DSX2HS 80C U	House-side shield for 80 LED unit
PIRH	Motion sensor, 15-30' mounting height ⁹	TLS	Tool-less entry trigger latch ^{5,13}	DBLBXD Textured black		DSX2HS 100C U	House-side shield for 100 LED unit
BL30	Switched dimming, dimming, 30% ^{6,10}	L90	Left rotated optics ¹	DNATXD Textured natural aluminum		PUMBA DDBXD U	Universal pole mounting bracket adaptor (specify finish)
BL50	Switched dimming, dimming, 50% ^{6,10}	R90	Right rotated optics ¹	DWHGXD Textured white		For more control options, visit DTL AND ROAM online.	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS				
EPA	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
2.0 ft ² (0.19 m ²)	40" (101.6 cm)	15" (38.1 cm)	7.5" (19.0 cm)	39 lbs (17.7 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Available with 80 LEDs (80C option) only.
- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 3000K (30K) and 5000K (50K) lead times.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Also available as a separate accessory; see Accessories information.
- Not available with 347V or 480V.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 1000mA 347V or 1000mA 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. Not available with PIRH, DS, BL30, BL50, OR TLS.
- Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, or PIRH. Not available with 1000mA 347V or 1000 mA 480V.
- Requires an additional switched line.
- Specifies the Sensor Switch SBR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR, WTB, DS, or TLS.
- Dimming driver standard. MVOLT only. Not available with DCR or WTB, or TLS.
- WTB not available with BL30, BL50, DS, or PIRH.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- With TLS option, the luminaire is no longer IP65 rated. Not available with PIRH, BL30, BL50, or DCR.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item. For 1000mA 347V or 480V PER, must order DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V) as the receptacle is wired after the stepdown transformer.
- Only available with rotated optics (L90 or R90 option).
- Not available 1000mA DS or 1000mA DCR. Not available with DMG, WTB, TLS, BL30, or BL50.
- Available as a separate combination accessory: PUMBA (finish) U. See Accessories.
- Photocell ordered & shipped as a separate line item from Acuity Brands Controls. See Accessories.

Intended Use

The Contour Series LED area luminaire is ideal for streets, walkways, parking lots, and surrounding areas that call for high-performance LED lighting in a transitional dayform.

Features

- The traditionally styled CSX1 and CSX2 are designed to replace up to a 750W and 1000W MH luminaire while saving up to 65% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Single-piece die-cast housing features a flow-through design which allows for optimal thermal management through convective cooling
- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- A modular design simplifies maintenance and future light engine upgrades

Listings

CSA Certified to U.S. and Canadian standards. Light engines and Luminaire are IP66 rated. U.S. Patent NO. D632830. U.S. Patent No. D653, 382 S. DesignLights Consortium® qualified product.

CSX1 LED CSX2 LED

LED Area Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

Example: CSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
CSX1 LED	60C 60 LEDs	700 700 mA 1000 1000 mA (1A)	40K 4000K 50K 5000K	T2M Type II T3M Type III T4M Type IV T5M Type V TFTM Forward throw	MVOLT ¹ 120 ¹ 208 ¹ 240 ¹ 347 480	<u>Shipped included</u> SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ¹² RPUMBA Round pole universal mounting adaptor ¹²
CSX2 LED	120C 120 LEDs					

Options	Finish	Accessories: Order Separately
<u>Shipped installed</u>		
PER NEMA twist-lock receptacle only (no controls)	DDBXD Dark bronze DBLXD Black	DLL127F 1.5 TU Photocell-SSL twist lock (120-277V) ¹⁰
DCR Dimmable and controllable via ROAM® (no controls) ³	DNAXD Natural aluminum DWHXD White	DLL347F 1.5 CUL JU Photocell-SSL twist lock (347V) ¹⁰
DMG 0-10V dimming driver (no controls) ⁴	DDBTDX Textured dark bronze	DLL480F 1.5 CUL JU Photocell-SSL twist lock (480V) ¹⁰
HS House-side shield ⁵	DBLBXD Textured black	SC U Shorting cap ¹⁰
SF Single fuse (120, 277, 347) ⁶	DNATXD Textured natural aluminum	KMA8 DDBXD U Mast arm adapter (specify finish) ²
DF Double fuse (208, 240, 480V) ⁶	DWHGXD Textured white	PUMBA DDBXD U Universal pole mounting bracket adaptor (specify finish)
WTB Utility terminal block ⁹		
BL30 Bi-level switched dimming, 30% ^{4,8}		
BL50 Bi-level switched dimming, 30% ^{4,8}		
UT Utility terminal block and closing screws		
2ELED Emergency LED secondary source (2 modules) battery pack (-20°C min. operating temperature) ²		
DS Dual switching ^{7,8}		
<u>Shipped separately</u>		
VG Vandal guard ⁵		
BS Bird-deterrent spikes ⁵		
		CSX1HS U House-side shields (includes 2 shields) ² CSX1VG U Vandal guard accessory ² CSX1BS U Bird-deterrent spikes accessory ² CSX2HS U House-side shields (includes 4 shields) ¹¹ CSX2VG U Vandal guard accessory ¹¹ CSX2BS U Bird-deterrent spikes accessory ¹¹

ADDITIONAL INFORMATION

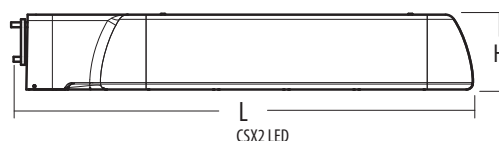
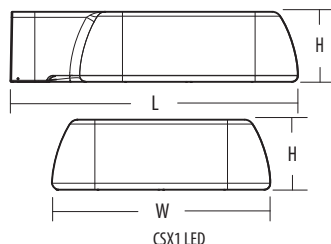
For additional product information, visit www.lithonia.com.

SPECIFICATIONS					
PRODUCT NAME	EPA	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
CSX1 LED	.7 ft ² (0.07 m ²)	23-1/2" (59.7 cm)	18-1/2" (46.9 cm)	5-7/8" (14.9 cm)	37 lbs (16.8 kg)
CSX2 LED	1.2 ft ² (0.11 m ²)	35-3/8" (89.7 cm)	18-1/2" (46.9 cm)	5-7/8" (14.9 cm)	59 lbs (26.8 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz.) Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Only available on the CSX1 LED.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347V or 480V. Add'l hardware and services required for ROAM® deployment; call 1-800-442-7745 or email: sales@roomservices.net
- Not available with 347V or 480V
- Also available as separate accessory; see Accessories information.
- Single fuse (SF) requires 120, 277 or 347 voltage option, Double fuse (DF) requires 208, 240 or 480 voltage option.
- Provides 50% dimming capability via two independent drivers, each operating half the luminaire. Available with MVOLT and two light engines only. N/A with PER, DCR or WTB.
- Requires an additional switched line. Dimming driver standard. MVOLT only.
- WTB not available with BL30, BL50 or DS.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.
- Only available on the CSX2 LED.
- Available as a separate combination accessory: PUMBA (finish) U. See Accessories.



MR MRT

Omero™



Intended Use

Streets, walkways, parking lots and surrounding areas.

Features

- Architecturally styled round die-cast aluminum housing
- Housing is fully sealed to prevent intrusion of moisture or environmental contaminants
- Segmented reflectors are attached with tool-less fasteners and are rotatable and interchangeable, allowing for increased optical control
- Ballasts are mounted on removable power trays with quick disconnect plugs and a high power factor SCWA ballast for 175W and above

- Includes a CF lamp (LPI) in CFL configurations and uses an electronic high frequency ballast
- Easy-mount heavy-duty block provides ease of installation with ensured alignment and leveling

Listings

Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). IP65 Rated. U.S. Patent No. D556,357.

ORDERING INFORMATION

Specifications subject to change.

Example: MR1 150M SR3 TB SPA LPI

Series	Lamp type ¹				Distribution ¹	Voltage	Ballast	Mounting ¹⁴
MR1	High pressure sodium ²	Metal halide	350M ^{7,22,24}	Compact fluorescent	SR2 Type II segmented	120	(blank) Magnetic ballast	Shipped included
MR2			400M ^{22,23}		SR3 Type III segmented	208 ¹⁰	CWI Constant wattage isolated ¹²	SPA Square pole mounting block
MRT1	35S ³	50M ^{2,5}	Metal halide	2/32TRT ⁹	SR4SC Type IV segmented FT, sharp cutoff	240 ¹⁰	SCWA Super CWA ballast	RPA Round pole mounting block
MRT2	50S ⁴	70M ^{2,5}	ceramic ⁸	42TRT	SR4W Type IV segmented, FT, wide	277		WBA Wall bracket (up or down) ¹⁵
	70S	100M ²		57TRT	SR5S Type V segmented, square	347		Shipped separately
	100S	150M		70TRT		480 ¹⁰		DCMR1 MR1 Deco arm for square pole
	150S	175M ^{6,24}		100MHC ^{2,5}		TB ¹¹		DCMR1R MR1 Deco arm for round pole
	200S ²²	200M ^{7,22}		150MHC		23050HZ ¹²		DCMR2 MR2 Deco arm for square pole
	250S ²²	250M ^{22,23}		Induction		MVOLT ¹³		DCMR2R MR2 Deco arm for round pole
	400S ²²	320M ^{7,22}		150IL ²²				

Options

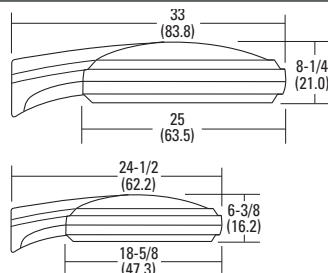
Shipped installed		PER	NEMA twist-lock receptacle ¹⁹	Shipped separately ¹⁶		(blank)	Dark bronze	DBLXD	Black	LPI	Lamp included
SF	Single fuse, 120V, 277V, 347V	HS	House-side shield ²⁰	PE1	NEMA twist-lock PE (120V-240V)	DBL	Black	DNAXD	Natural aluminum	L/LP	Less lamp
DF	Double fuse, 208V, 240V, 480V	CSA	Meets Canadian standards	PE3	NEMA twist-lock PE (347V)	DGC	Charcoal gray	DWHXD	White		
GMF	Internal slow-blow fusing	NOM	Meets Mexican standards	PE4	NEMA twist-lock PE (480V)	DMB	Medium bronze	DBBTXD	Textured dark bronze		
QRS	Quartz restrrike system ¹⁸		(consult factory)	PE7	NEMA twist-lock PE (277V)	DNA	Natural aluminum	DBLBXD	Textured black		
EC	Emergency circuit ¹⁸	INTL	Available for MH probe start shipping outside the U.S.	SC	Shorting cap for PER option	DWH	White	DNATXD	Textured natural aluminum		
				VG	Vandal guard ²¹	Super Durable Finishes					
						DDBXD	Dark bronze	DWHGXD	Textured white		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
MR1, MRT1	35S, 50S, 50M, 50MHC, 70S, 70M, 70MHC, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M, 42TRT, 57TRT, 70TRT	SR2, SR3, SR4SC, SR5S
MR1, MRT1	2/32TRT, 2/42TRT	SR3
MR1, MRT1	100IL	Not applicable
MR2, MRT2	175M, 200S, 200M, 250S, 250M, 320M, 350M, 400S, 400M	SR2, SR3, SR4SC, SR4W, SR5S
MR2, MRT2	150IL	Not applicable

DRILLING PATTERNS (SEE POLE ORDERING, PAGE 786)	
DM19AS	1 at 90°
DM28AS	2 at 180°
DM29AS	2 at 90°
DM39AS	3 at 90°
DM49AS	4 at 90°
DM32AS	3 at 120° (round poles only)



	MR1/MRT1	MR2/MRT2
EPA:	0.54ft ² (0.05 m ²)	0.91ft ² (0.08 m ²)
Max. weight:	27 lbs (12.2 kg)	46 lbs (20.9 kg)
Induction weight:	35 lbs (15.9 kg)	

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Specify lamp type and distribution. See Configurations table.
- 2 Not available with SCWA.
- 3 120V only.
- 4 120V and 277V only.
- 5 Not available with 480V.
- 6 Not available MR1/MRT1 SCWA.
- 7 Must be ordered with SCWA.
- 8 Not applicable with L/LP.
- 9 Available in SR3 only.
- 10 Must specify CWI for use in Canada.
- 11 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 12 Consult factory for available wattages.
- 13 Multi-volt electronic ballast (Compact fluorescent and Induction only) capable of operating on any line voltage between 120V and 277V.
- 14 Mounting block included standard.
- 15 Mounted in lens up orientation, fixture is damp location rated. MRT available in down orientation only.
- 16 May be ordered as accessory. Not available with MRT1.
- 17 Must specify finish.
- 18 Maximum allowable wattage lamp included.
- 19 Photocell not included.
- 20 SR2, SR3, SR4W only.
- 21 Prefix with fixture name and size (e.g., MR1VG).
- 22 Not available MR1 or MRT1.
- 23 These wattages require the REGCI option to be chosen for shipments into California for Title 20 Compliance. 250M REGCI is not available in 347V or 480V.
- 24 These wattages do not comply with California Title 20 regulations.
- 25 See www.lithonia.com/archcolors for additional color options.

Intended Use

The energy savings and long life of the MR/MRT LED area luminaire make it a reliable choice for illuminating streets, walkways, parking lots, and surrounding areas.

Features

- Architecturally styled to replace a 100W to 400W round MH luminaire, saving up to 65% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- Housing is die-cast aluminum with an impact-resistant, tempered glass lens for the MR1 LED or MRT1 LED

Listings

CSA Certified to U.S. and Canadian standards.
IP65 rated. U.S. Patent No. D556, 357.
DesignLights Consortium® qualified product.

MR1 LED MR2 LED MRT1 LED MRT2 LED

LED Area Luminaire

**ORDERING INFORMATION**

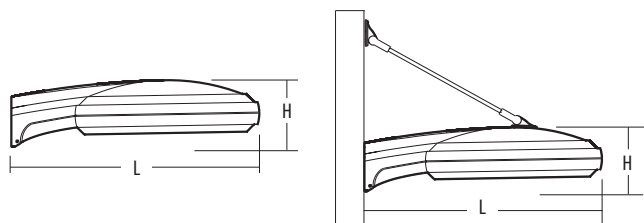
Specifications subject to change.

Example: MR1 LED 1 63B350/40K SR5 MVOLT SPA DDBXD

Series	Light engines	Performance package ²	Distribution	Voltage	Mounting	Options	Finish	Accessories: Order Separately
MR1 LED MRT1 LED	1 One engine (49 or 63 LEDs)	<u>350 mA options:</u> 49B350/30K 3000K 49B350/40K 4000K 49B350/50K 5000K 63B350/30K 3000K 63B350/40K 4000K 63B350/50K 5000K <u>530 mA options:</u> 49B530/30K 3000K 49B530/40K 4000K 49B530/50K 4000K 63B530/30K 3000K 63B530/40K 4000K 63B530/50K 5000K	SR2 Type II SR3 Type III SR4 Type IV SR5 Type V FT Forward throw	MVOLT ⁴ 120 ⁴ 208 ⁴ 240 ⁴ 277 ⁴ 347 ⁷ 480 ⁷	SPA Square pole mounting RPA Round pole mounting SPUMBA Square pole universal mounting adaptor ¹⁴ RPUMBA Round pole universal mounting adaptor ¹⁴	<u>Shipped installed</u> PER NEMA twist-lock receptable only (no controls) ⁵ DCR Dimmable and controllable via ROAM [®] (no controls) ^{3,6} HS House-side shield ^{3,9} SF Single fuse (120, 347V) ¹⁰ DF Double fuse (208, 240, 480V) ¹⁰ DS Dual switching ^{3,11,12} DFL Diffusing lens BL30 Switched dimming, 30% ^{12,13} BL50 Switched dimming, 50% ^{12,13} <u>Shipped separately</u> VG Vandal guard ⁹	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	DLL127F 1.5 JU Photocell - SSL twist-lock (120-277) ¹⁴ DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347) ^{5,14} DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V) ^{5,14} SC U Shorting cap ^{5,14} MR2LEDHS U House-side shield (one per light engine) ³ MR1VG U Vandal guard accessory ¹⁶ MR2VG U Vandal guard accessory ³ KMA8 DDBXD U Mast arm adapter ¹⁷ PUMBA DDBXD U Universal pole mounting bracket adaptor (specify finish) ¹⁵
MR2 LED MRT2 LED	2 Two engines (60 LEDs) ¹	<u>700 mA options:</u> 60C 700, 30K 60C 700, 40K 60C 700, 50K <u>1000 mA options:</u> 60C 1000, 30K 60C 1000, 40K 60C 1000, 50K	T2M Type II T3M Type III T4M Type IV T5M Type V TFTM Forward throw					

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

SPECIFICATIONS					
SERIES	EPA	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
MR1 LED	0.54 ft ² (0.05 m ²)	24-1/2" (62.2 cm)	18-5/8" (47.3 cm)	6-3/8" (16.2 cm)	31 lbs (14.7 kg)
MRT1 LED	0.54 ft ² (0.05 m ²)	24-1/2" (62.2 cm)	18-5/8" (47.3 cm)	6-3/8" (16.2 cm)	31 lbs (14.7 kg)
MR2 LED	0.9 ft ² (0.08 m ²)	32-7/8" (83.5 cm)	25" (63.5 cm)	8-1/4" (21.0 cm)	42 lbs (19.1 kg)
MRT2 LED	0.9 ft ² (0.08 m ²)	32-7/8" (83.5 cm)	25" (63.5 cm)	8-1/4" (21.0 cm)	42 lbs (19.1 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Single-engine product in 347V or 480V requires 700mA.
- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 3000K (30K) and 5000K (50K) lead times.
- Only available on MR2 LED and MRT2 LED.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz.). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available on the MRT1 LED.
- Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability, PER option required. Not available with 347V or 480V. Add'l hardware and services required for ROAM[®] deployment; call 1-800-442-6745 or email: sales@roam-services.net. Not available with DS, BL30 or BL50.
- Not available with 100mA.
- Not available with 347V or 480V.
- Also available as a separate accessory; see Accessories information.
- Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Provides 50/50 luminaire operation drivers, on 2 separate circuits. Available with MVOLT and two light engines only. N/A with PER or DCR.
- Requires an additional switched circuit.
- Dimming driver standard on MVOLT only. Not available with DCR.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.
- Only available on the MR2 LED.
- Only available on the MRT1 LED and MRT1 LED.
- Only available on the MR1 LED.

MRP

Omero™

**Intended Use**

Streets, walkways, parking lots and surrounding areas.

Features

- Architectural round die-cast aluminum post-top for enhanced durability
- Housing is fully sealed to prevent intrusion of moisture or environmental contaminants
- Segmented reflectors attached with tool-less fasteners that are rotatable and interchangeable for optimal control
- Ballasts are mounted on removable power trays with quick disconnect plugs and a high power factor ballast

- Includes a CF lamp (LPI) in CFL configurations and uses an electronic high frequency ballast
- Mounts without any visible mounting hardware to a 4" round open-top pole; adapters for 3" and 5" poles available

Listings

Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). Optical chamber is IP65 rated. U.S. Patent No. D553,779.

ORDERING INFORMATION

Specifications subject to change.

Example: MRP 150M SR3 TB LPI

Series	Lamp type ¹		Distribution ¹	Voltage	Ballast	Mounting
MRP	High pressure sodium ²	150M	Compact fluorescent	SR2 Type II segmented	120 (blank) Magnetic ballast	Shipped included
		175M ⁴		SR3 Type III segmented	208 ⁷ CWI Constant wattage isolated ⁹	(blank) 4" round open-top pole
	50S	Metal halide	2/32TRT ⁶	SR4SC Type IV segmented FT, sharp cutoff	240 ⁷ SCWA Super CWA ballast ¹¹	Shipped separately ^{12, 13}
	70S	ceramic ⁵	42TRT			MRPF3 MRP pole adapter for 3" round, open-top pole (I.D. 2.5"-2.875")
	100S		2/42TRT ⁶	SR5S Type V segmented, square		MRPF5 MRP pole adapter for 5" round, open-top pole with a maximum wall thickness of 0.156" (I.D. 4.5"-4.8") ¹⁸
	150S	70MHC ^{2,3}	57TRT		347	
		100MHC ²	70TRT		480 ⁷	
	Metal halide	150MHC	Induction		TB ⁸	
	70M ^{2,3}		100IL		23050HZ ⁹	MRPT20 MRP for 2-3/8" tenon slipfitter
	100M ²				MVOLT ¹⁰	MRPT25 MRP for 2-7/8" tenon slipfitter
						MRPT 30 MRP tenon slipfitter for 3-1/2" tenon
						MRPT5 MRP tenon slipfitter for 4" tenon

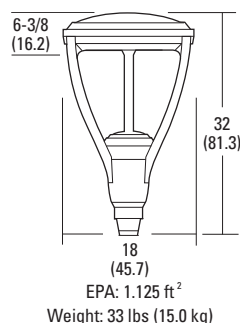
Options

Options	Finish	Lamped
Shipped installed	(blank) Dark bronze (std.)	DBLXD Black LPI Lamp included
SF Single fuse, 120V, 277V, 347V	DBL Black	DNAXD Natural aluminum L/LP Less lamp
DF Double fuse, 208V, 240V, 480V	DGC Charcoal gray	DWHXD White
GMF Internal slow-blow fusing	DMB Medium bronze	DDBTXD Textured dark bronze
EC Emergency circuit ¹⁴	DNA Natural aluminum	DBLBXD Textured black
QRS Quartz restrike system ¹⁴	DWH White	DNATXD Textured natural aluminum
	CRT Non-stick protective coating (black)	DWHGXD Textured white
	Super Durable Finishes	
	DDBXD Dark bronze	

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
MRP	50S, 70S, 70M, 70MHC, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M, 42TRT, 57TRT, 70TRT	SR2, SR3, SR4SC, SR5S
MRP	2/32TRT, 2/42TRT	SR3
MRP	100IL	Not applicable

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Specify lamp type and distribution. See Configurations table.
- 2 Not available with SCWA.
- 3 Not available with 480V.
- 4 Not available with SCWA. Requires CSA, NOM, or INTL.
- 5 Not applicable with L/LP.
- 6 Available in SR3 only.
- 7 Must specify CWI for use in Canada.
- 8 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 9 Consult factory for available wattages.
- 10 Multi-volt electronic ballast (Compact fluorescent and Induction only) capable of operating on any line voltage between 120V and 277V.
- 11 Only available with 150M or 150MHC.
- 12 May be ordered as accessory.
- 13 Must specify finish.
- 14 Maximum allowable wattage lamp included.
- 15 Photocell not included.
- 16 SR2, SR3 only.
- 17 Order as MR1VG as an accessory.
- 18 Max. wall thickness is 0.156".

Intended Use

Streets, walkways, parking lots and surrounding areas.

Features

- Architectural round die-cast aluminum post-top designed to replace up to a 100-250W MH luminaire while saving up to 65% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- Housing is die-cast aluminum with an impact-resistant, tempered glass lens for enhanced durability

Listings

Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). Optical chamber is IP65 rated. U.S. Patent No. D553,779. DesignLights Consortium® qualified product.

MRP LED

LED Area Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

Example: MRP LED 1 63B350/40K SR5 MVOLT DDBXD

Series	Light engines	Performance package ¹	Distribution	Voltage	Mounting
MRP LED	1 One engine (49 or 63 LEDs)	350 mA options: 49B350/30K 3000K 49B350/40K 4000K 49B350/50K 5000K 63B350/30K 3000K 63B350/40K 4000K 63B350/50K 5000K 530 mA options: 49B530/30K 3000K 49B530/40K 4000K 49B530/50K 5000K 63B530/30K 3000K 63B530/40K 4000K 63B530/50K 5000K	SR2 Type II SR3 Type III SR4 Type IV SR5 Type V	MVOLT ² 120 ² 208 ² 240 ² 277 ² 347 480	Shipped included (blank) Fits 4" OD round pole Shipped separately³ MRPT20 2-3/8" tenon slipfitter MRPT25 2-7/8" tenon slipfitter MRPT30 3-1/2" tenon slipfitter MRPT35 4" tenon slipfitter MRPF3 3" OD round pole adapter MRPF5 5" OD round pole adapter ⁴

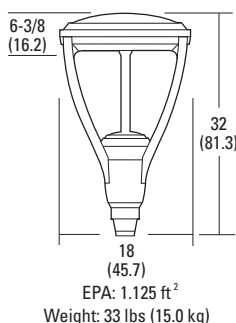
Options	Finish	Accessories: Ordered Separately
Shipped installed		
PER NEMA twist-lock receptacle only (no controls)	DDBXD Dark bronze	DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V) ⁸
DMG 0-10V dimming driver (no controls) ⁵	DBLXD Black	DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347V) ⁸
SF Single fuse (120, 277, 347V) ⁶	DNAXD Natural aluminum	DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V) ⁸
DF Double fuse (208, 240, 480V) ⁶	DWHXD White	SCU Shorting cap ⁸
DFL Diffusing lens	DDBTXD Textured dark bronze	MRPT20 DDBXD U 2-3/8" tenon slipfitter (specify finish)
BL30 Switch dimming, 30% ⁷	DNATXD Textured natural aluminum	MRPT25 DDBXD U 2-7/8" tenon slipfitter (specify finish)
BL50 Switch dimming, 50% ⁷	DWHGXD Textured white	MRPT30 DDBXD U 3-1/2" tenon slipfitter (specify finish)
		MRPT35 DDBXD U 4" tenon slipfitter (specify finish)
		MRPF3 DDBXD U 3" OD round pole adapter (specify finish)
		MRPF5 DDBXD U 5" OD round pole adapter (specify finish) ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS				
EPA	LUMINAIRE HEIGHT	OVERALL HEIGHT	DIAMETER	WEIGHT (max)
1.125 ft ² (0.105 m ²)	6-3/8" (16.2 cm)	32" (45.7 cm)	18" (45.7 cm)	37.5 lbs (17 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 3000K (30K) and 5000K (50K) lead times.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Also available as a separate accessory; see Accessories information.
- Maximum pole wall thickness is 0.156".
- Not available with 347V or 480V.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Requires an additional switched line. Dimming driver standard. MVOLT only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.

AS AST

Aeris™



Intended Use

For streets, walkways, parking lots and surrounding areas.

Features

- Architectural die-cast aluminum housing with an impact-resistant, tempered glass lens for enhanced durability
- Housing is fully gasketed to prevent intrusion of moisture or environmental contaminants
- Segmented reflectors are attached with tool-less fasteners and are rotatable and interchangeable, allowing for increased optical control

- Ballasts are mounted on removable power trays with quick disconnect plugs and a high power factor SCWA ballast for 175W and above
- Includes a CF lamp (LPI) in CFL configurations and uses an electronic high frequency ballast
- Easy-mount heavy-duty block provides ease of installation with ensured alignment and leveling

Listings

UL Listed (standard). CSA Certified or NOM Certified (see Options). UL Listed for 25°C ambient and wet locations. U.S. Patent No. D447, 590. Canadian Patent No. 94324. IP65 Rated.

ORDERING INFORMATION

Specifications subject to change.

Example: AS1 150M SR2 TB SPA LPI

Series	Lamp type ¹			Distribution ¹	Voltage	Ballast	Mounting ¹⁴	
AS1	High pressure sodium ²	400S	250M ²³	Compact fluorescent	SR2	Type II segmented	120	(blank) Magnetic ballast
AS2	35S ³	Metal halide	320M ²³	2/32TRT ⁹	SR3	Type III segmented	208 ¹⁰	CWI Constant wattage isolated ¹²
AST1	50S ⁴	50M ^{2,5}	400M ²³	42 TRT	SR4SC	Type IV segmented, FT, sharp cutoff	240	SCWA Super CWA ballast
AST2	70S	70M ^{2,5}	Metal halide ceramic	2/42TRT ⁹	SR4W	Type IV segmented, FT, wide	277	
	100S	100M ²	50MHC ^{2,5}	7TRT	SR5S	Type V segmented, square	347	
	150S	150M	70MHC ^{2,5}	70TRT			480 ¹⁰	
	200S ²³	175M ⁶	100MHC ²				TB ¹¹	
	250S ²³	200M ^{7,23}	150MHC				23050HZ ¹²	
							MVOLT ¹³	

Options					Finish	Lamped
Shipped installed	PER	NEMA twist-lock receptacle only ²⁰	Shipped separately ¹⁶	(blank)	Dark bronze (std.)	LPI Lamp included
SF Single fuse, 120V, 277V, 347V ¹⁸	HS	House-side shield ²¹	PE1 NEMA twist-lock PE (120V-240V)	DBL	Black	L/LP Less lamp
DF Double fuse, 208V, 240V, 480V ¹⁸	CSA	Meets Canadian standards	PE3 NEMA twist-lock PE (347V)	DGC	Charcoal gray	
GMF Internal slow-blow fusing	NOM	Meets Mexican standards (consult factory)	PE4 NEMA twist-lock PE (480V)	DMB	Medium bronze	
ELDW Bodine emergency battery backup ^{4,18}	INTL	Available for MH probe start shipping outside the U.S.	PE7 NEMA twist-lock PE (277V)	DNA	Natural aluminum	
EC Emergency circuit ^{18, 19}			SC Shorting cap for PER option	DWH	White	
QRS Quartz restrike system ^{18, 19}			VG Vandal guard ²²	CRT	Non-stick protective coating (black)	

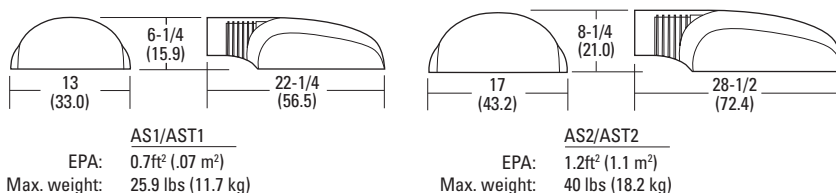
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
AS1, AST1	35S, 50S, 50M, 50MHC, 70S, 70M, 70MHC, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M, 42TRT, 57TRT, 70TRT	SR2, SR3, SR4SC, SR5S
AS1, AST1	2/32TRT, 2/42TRT	SR3
AS2, AST2	175M, 200S, 200M, 250S, 250M, 320M, 350M, 400S, 400M	SR2, SR3, SR4SC, SR4W, SR5S

DRILLING PATTERNS (SEE POLE ORDERING, PAGE 786)	
DM19AS	1 at 90°
DM28AS	2 at 180°
DM29AS	2 at 90°
DM39AS	3 at 90°
DM49AS	4 at 90°
DM32AS	3 at 120° (round poles only)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Specify lamp type and distribution. See Configurations table.
- Not available with SCWA.
- 120V only.
- 120V and 277V only.
- Not available with 480V.
- Not available AS1/AST1 SCWA.
- Must be ordered with SCWA.
- Not applicable with L/LP.
- Available in SR3 only.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Consult factory for available wattages.
- Multi-volt electronic ballast (compact fluorescent only) capable of operating on

- any line voltage between 120V and 277V.
- Mounting block included standard.
- Mounted in lens up orientation, fixture is damp location rated. AST available in down orientation only.
- May be ordered as accessory. Not available with AST.
- Must specify finish.
- SF, DF, QRS, EC, or ELDW options cannot be ordered together.
- Maximum allowable wattage lamp included.
- Photocell not included.
- SR2, SR3, SR4W only.
- Prefix with fixture name and size (e.g., AS1VG).
- Not available AS1 or AST1.

Intended Use

The energy savings and long life of the AS1/AST1 LED area luminaire make it a reliable choice for illuminating streets, walkways, parking lots, and surrounding areas.

Features

- Architectural die-cast aluminum LED luminaire designed to replace up to a 100-250W MH while saving up to 65% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- Housing is die-cast aluminum with an impact-resistant, tempered glass lens for enhanced durability

Listings

CSA Certified to U.S. and Canadian standards. Luminaire is IP65 rated. U.S. Patent No. d447,590. Canada Patent No. 94324. DesignLights Consortium® qualified product.

AS1 LED AST1 LED

LED Area Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

Example: AS1 LED 1 63B350/40K SR5 MVOLT SPA DDBXD

Series	Light engines	Performance package ¹	Distribution	Voltage	Mounting
AS1 LED	1 One engine, (49 or 63 LEDs)	350 mA options:	SR2 Type II	MVOLT ²	Shipped included
AST1 LED		530 mA options:	SR3 Type III	120 ²	SPA Square pole mounting
		49B350/30K 3000K	SR4 Type IV	208 ²	RPA Round pole mounting
		49B350/40K 4000K	SR5 Type V	240 ²	WBA Wall bracket
		49B350/50K 5000K		277 ²	
		63B350/30K 3000K		347	
		63B350/40K 4000K		480	
		63B350/50K 5000K			

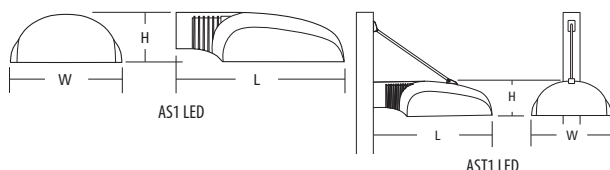
Options	Finish	Accessories: Order Separately
Shipped installed	DDBXD Dark bronze	DLL127F 1.5 JU Photocell-SSL twist lock (120-277V) ⁷
PER NEMA twist-lock receptacle only (no controls)	DBLXD Black	DLL347F 1.5 CUL JU Photocell-SSL twist lock (347V) ⁷
SF Single fuse (120, 277, 347) ³	DNAXD Natural aluminum	DLL480F 1.5 JU Photocell-SSL twist lock (480V) ⁷
DF Double fuse (208, 240, 480V) ³	DWHXD White	SC U Shorting cap ⁷
DMG 0-10V dimming driver (no controls) ⁴	DDBTXD Textured dark bronze	AS1VG U Vandal guard accessory
DFL Diffusing lens	DBLXD Textured black	KMA8 DDBXD U Mast arm adapter (specify finish) ⁸
BL30 Switched dimming, 30% ⁵	DNATXD Textured natural aluminum	SPA19/AS DDBXD U Square pole DM19 to DMA19AS adapter (specify finish)
BL50 Switched dimming, 50% ⁵	DWHGXD Textured white	RPA19/AS DDBXD U Round pole DM19 to DM19AS adapter (specify finish)
Shipped separately		For more control options, visit DTL and ROAM online.
VG Vandal guard ⁶		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS					
SERIES	EPA	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
AS1 LED	.7 ft ² (0.07 m ²)	22-1/4" (56.4 cm)	13" (33.0 cm)	6-3/8" (15.9 cm)	33 lbs (14.8 kg)
AST1 LED	.7 ft ² (0.07 m ²)	22-1/4" (56.4 cm)	13" (33.0 cm)	6-3/8" (15.9 cm)	33 lbs (14.8 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 3000K (30K) and 5000K (50K) lead times.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Not available with 347V or 480V.
- Requires an additional switched line. Dimming driver standard. MVOLT only.
- Also available as a separate accessory; see Accessories page.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.
- Not available on AST1.

**KAD
KAC
KADT**



Intended Use

For parking areas, street lighting, walkways and car lots.

Features

- Soft square, fully gasketed die-cast aluminum housing to prevent intrusion of moisture or environmental contaminants
- Standard hydro-formed aluminum reflector, or optional specular segmented reflector is rotatable and interchangeable. KAC optics work in tandem with a light-diffusing lens
- KAD has a clear impact resistant tempered glass lens, the KAC is available with either a prismatic, impact resistant.

tempered glass lens, a drop dish acrylic lens or a drop dish polycarbonate lens

- SCWA ballasts are high reactant and have a high power factor for 175W and above to achieve the best power factor
- Mounting includes an extruded aluminum arm for square pole mounting. KADT is mounted using SPD04 with an additional backing plate and receiver to mount a suspend tension rod

Listings

UL Listed (standard). CSA Certified or NOM Certified (see Options). KAD UL Listed for 25°C ambient and wet locations. IP65 Rated.

ORDERING INFORMATION

Specifications subject to change.

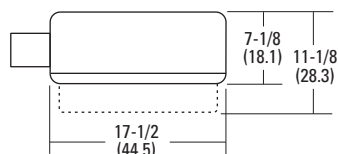
Example: KAD 400M R3 TB SCWA SPD09 LPI

Series	Lamp type			Distribution			Voltage	Ballast	Mounting ¹¹						
KAC	High pressure sodium ¹	Metal halide	350M ⁴	KAD/KADT		SR3	Type III segmented ⁷	120	(blank)	Magnetic ballast	Shipped included		Shipped separately ^{12, 13}		
KAD			400M	R2	Type II roadway ⁷			208 ⁸	CWI	Constant wattage isolated ¹⁰	SPD04	4" contoured arm for square pole	KMA	External mast arm adaptor	
KADT	70S	100M ¹	Metal halide ceramic ⁶			SR4SC	Type IV segmented, FT, sharp cutoff	240 ⁸							
	100S	150M		R3	Type III asymmetric ⁷		KAC - Lens	277	SCWA	Super CWA ballast	RPD04	4" contoured arm for round pole	DAD12P	12" contoured degree arm for pole	
	150S	175M ³	70MHC ^{1, 2}					347							
	250S	200M ⁴	100MHC ¹	R4	Type IV, FT			480 ⁸			WBD04	4" contoured arm for wall	DAD12WB	12" contoured degree arm for wall	
	400S	250M	150MHC	R5S	Type V symmetric square	FP	Flat C73T	TB ⁹			SPD09	9" contoured arm for square pole	KTMB	Twin mounting bar	
		320M ⁴				DPA	Drop acrylic	23050HZ ¹⁰					KADWBA	Decorative wall bracket (up or down)	
				SR2	Type II segmented ⁷	DPP	Drop polycarbonate				RPD09	9" contoured arm for round pole			
											WBD09	9" contoured arm for wall			
Options											Finish		Lamped		
Shipped installed				PD	Power tray ¹⁶			Shipped separately ¹⁷		(blank)	Dark bronze (std.)		LPI	Lamp included	
SF	Single fuse, 120V, 277V, 347V			WTB	Terminal block ¹⁶			PE1	NEMA twist-lock PE (120V-240V)		DBL	Black		L/LP	Less lamp
DF	Double fuse, 208V, 240V, 480V			HS	House-side shield			PE3	NEMA twist-lock PE (347V)		DGC	Charcoal gray			
EC	Emergency circuit ¹⁴			CSA	Meets Canadian standards			PE4	NEMA twist-lock PE (480V)		DMB	Medium bronze			
QRS	Quartz restrike system ¹⁴			NOM	Meets Mexican standards (consult factory)			PE7	NEMA twist-lock PE (277V)		DNA	Natural aluminum			
GMF	Internal slow-blow fusing			INTL	Available for MH probe start shipping outside the U.S.			SC	Shorting cap for PER option		DWH	White			
QRSTD	QRS time delay ¹⁴							VG	Vandal guard ¹⁸		CRT	Non-stick protective coating (black)			
PER	NEMA twist-lock receptacle only ¹⁵							WG	Wire guard ¹⁸						

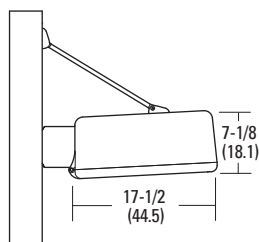
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	<u>KAD/KAC (flat)</u>	<u>KAC (drop)</u>
EPA:	1.2 ft ² (0.11 m ²)	1.4 ft ² (0.13 m ²)
Max. weight:	35.9 lbs (16.3 kg)	34 lbs (15.4 kg)



	<u>KADT</u>
EPA:	1.2 ft ² (0.11 m ²)
Max. weight:	35.9 lbs (16.3 kg)

Notes

- | | | | |
|---|--|----|--|
| 1 | Not available with SCWA. | 11 | 9" arm required when two or more luminaries are oriented at 90°. KADT only available with RPD04 or SPD04 and only available at 90°, 180° orientations. |
| 2 | Not available with 480V. | 12 | May be ordered as accessory. Not available with KADT. |
| 3 | Universal mogul base lamp allows KAD, KADT and KAC to be available with SCWA. | 13 | Must specify finish. |
| 4 | Must be ordered with SCWA. | 14 | Maximum allowable wattage lamp included. |
| 5 | Reduced jacket ED28 required for SR2, SR3, & SR4SC optics. | 15 | Photocell not included. |
| 6 | Not applicable with L/LP. | 16 | Only available with SR2, SR3, & SR4SC optics. |
| 7 | HS Option available | 17 | May be ordered as accessory. |
| 8 | Must specify CWI for us in Canada. | 18 | Prefix with fixture name and size (e.g., KADWG). |
| 9 | Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V. | | |

Intended Use

For parking areas, street lighting, walkways and car lots.

Features

- Economical die-cast aluminum soft square designed to replace up to a 100-250W MH luminaire while saving up to 65% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Precision-engineered optics deliver exceptional uniformity and allow for increased pole spacing
- Housing is die-cast aluminum with an impact-resistant, tempered glass lens for enhanced durability

Listings

UL Listed (standard). CSA Certified or NOM Certified
(see Options). KAD UL Listed for 25°C ambient and wet locations.
IP65 Rated. DesignLights Consortium® qualified product.



KAD LED

LED Area Luminaire



ORDERING INFORMATION

Specifications subject to change.

Example: KAD LED 1 63B350/40K SR5 MVOLT SPD04 DDBXD

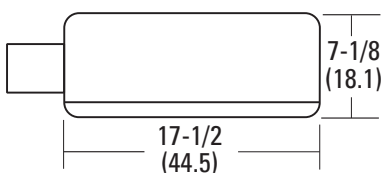
Series	Light engines	Performance package ¹				Distribution		Voltage	Mounting				
KAD LED	1	One engine (49 or 63 LEDs)	<u>350 mA options:</u>		<u>530 mA options:</u>		SR2	Type II	MVOLT ²	<u>Shipped included</u>			
			49B350/30K	3000K	49B530/30K	3000K	SR3	Type III	120 ²	SPD_	Square Pole	Length	
			49B350/40K	4000K	49B530/40K	4000K	SR4	Type IV	208 ²	RPD_	Round Pole	04	4" arm
			49B350/50K	5000K	49B530/50K	5000K	SR5	Type V	240 ²	WBD_	Wood pole or wall	06	6" arm
			63B350/30K	3000K	63B530/30K	3000K			277 ²			09	9" arm
			63B350/40K	4000K	63B530/40K	4000K			347			12	12" arm
			63B350/50K	5000K	63B530/50K	5000K			480				
Options				Finish				Accessories: Order Separately					
<u>Shipped installed</u>								<u>Ordered and shipped separately</u>					
PER	NEMA twist-lock receptacle only (no controls)			DBLXD	Dark bronze			DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ⁶				
SF	Single fuse (120, 277, 347V) ³			DNAXD	Natural aluminum			DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ⁶				
DF	Double fuse (208, 240, 480V) ³			DWHXD	White			DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ⁶				
DMG	0-10V dimming driver (no controls) ⁴			DDBTXD	Textured dark bronze			SCU	Shorting cap ⁶				
DFL	Diffusing lens			DBLBXD	Textured black			KMA DDBXD U	Mast arm adapter (specify finish)				
<u>Shipped separately</u>				DNATXD Textured natural aluminum				KADWG U	Wire guard accessory				
VG	Vandal guard ⁵			DWHGXD Textured white				KADVG U	Vandal guard accessory				
WG	Wire guard ⁵												

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS				
EPA	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
1.2 ft ² (0.11 m ²)	17-1/2" (44.5 cm)	17-1/2" (44.5 cm)	7-1/8" (18.1 cm)	36 lbs (16.4 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Configured with 4000K (/40K) provides the shortest lead times. Consult factory for 3000K (/30K) and 5000K (/50K) lead times.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- 3 Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- 4 Not available with 347V or 480V.
- 5 Also available as a separate accessory; see Accessories information above.
- 6 Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.

KSF

Intended Use

For car lots, street lighting or parking areas.

Features

- Rectangular aluminum housing is fabricated using a continuous seam-weld process for weathertight integrity
- The KSF1 and KSF2 segmented reflectors are rotatable and interchangeable for optimal control
- The KSF3 segmented reflectors are rotatable only

- SCWA Ballasts are high reactant and have a high power factor for 175 and above to achieve the best power factor
- Mounting includes extruded aluminum arm for square pole, optional mountings are available

Listings

UL Listed (standard). CSA Certified or NOM Certified (see Options). UL Listed for 25°C ambient and wet locations. IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

Example: KSF1 250S R3 TB SP09 LPI

Series	Lamp type ¹			Distribution	Voltage	Ballast		Mounting						
KSF1	High pressure sodium ²	Metal halide	400M ^{5,9}	R2	Type II roadway ⁸	120	(blank)	Magnetic ballast	Arm mounting	WB09	9" arm for wall	Optional mounting, ships separately ^{15, 16}		
KSF2			750M ^{4,9,10}	R3	Type III asymmetric	208 ¹¹	CWI	Constant wattage isolated ¹³	SP04	4" arm for square pole ¹⁴	WW09	9" arm for wood pole or wall	KMA	External mast arm adapter
KSF3	70S	100M ²	775M ^{4,9,10}	R4	Type IV, FT ^{3,10}	240 ¹¹	SCWA	Super CWA ballast	RP04	4" arm for round pole ¹⁴	SP12	12" arm for square pole ¹⁴	DA12P	12" degree arm for pole
	100S	150M	875M ^{4,9,10}	R4SC	Type IV, FT, wide ^{8,9}	277			RP04	4" arm for round pole ¹⁴	SP12	12" arm for square pole ¹⁴	DA12P	12" degree arm for pole
	150S	175M ³	1000M ^{6,9,10}	R5S	Type V symmetric square ⁹	347			WB04	4" arm for wall	RP12	12" arm for round pole ¹⁴	DA12WB	12" degree arm for wall
	200S	200M ⁴	Metal halide ceramic ⁷		480 ¹¹	WW04			4" arm for wood pole or wall	WB12	12" arm for wall	KTMB	Twin mounting bar	
	250S ⁹	250M			TB ¹²				WB12	12" arm for wall				
	400S ⁹	320M ^{4,5,9}	100MHC ²		23050HZ ¹³				WB12	12" arm for wall				
1000S ^{9,10}	350M ^{4,5,9}	150MHC				SP09	9" arm for square pole ¹⁴	WW12	12" arm for wood pole or wall					
									RP09	9" arm for round pole ¹⁴				

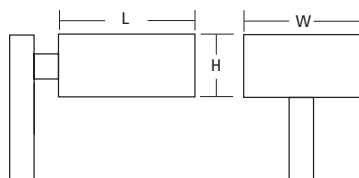
Options					Finish		Lamped		
<u>Shipped installed</u>		CSA	Meets Canadian standards	PE3	NEMA twist-lock PE (347V)	(blank)	Dark bronze (std.)	LPI	Lamp included
SF	Single fuse, 120V, 277V, 347V	NOM	Meets Mexican standards (consult factory)	PE4	NEMA twist-lock PE (480V)	DBL	Black	L/LP	Less lamp
DF	Double fuse, 208V, 240V, 480V	INTL	Available for MH probe start shipping outside the U.S.	PE7	NEMA twist-lock PE (277V)	DGC	Charcoal gray		
EC	Emergency circuit ¹⁷			SC	Shorting cap for PER option	DMB	Medium bronze		
QRS	Quartz restrrike system ¹⁷	<u>Shipped separately</u> ¹⁵		HS	House-side shield ²⁰	DNA	Natural aluminum		
PER	NEMA twist-lock receptacle only ¹⁸	PE1	NEMA twist-lock PE (120V-240V)	VG	Vandal guard ²⁰	DWH	White		
KW1	Kilowatch 120V control ¹⁹					CRT	Non-stick protective coating (black)		
KW4	Kilowatch 277V control ¹⁹								

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
KSF1	70S, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M, 200M, 250M	R2, R3, R4SC
KSF2	250S, 320M, 350M, 400S, 400M	R2, R3, R4SC, R4W, R5S
KSF3	1000S, 1000M	R3, R4, R5S

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	KSF1	KSF2	KSF3
EPA:	1.5 ft ² (0.14 m ²)	2.0 ft ² (0.19 m ²)	3.0 ft ² (0.28 m ²)
Length:	21-1/4 (54.0)	24-5/8 (62.5)	29-5/8 (75.2)
Width:	15-1/2 (39.3)	17-3/4 (45.1)	23-5/8 (59.9)
Height:	7-1/4 (18.4)	8-3/8 (21.5)	10-1/2 (26.7)
Max. weight:	35 lbs (15.9 kg)	52 lbs (23.6 kg)	80 lbs (36.3 kg)

Notes

- | | | |
|----|--|---|
| 1 | Specify lamp type and distribution. See Configurations table. | 347V; ships as 120V/347V. |
| 2 | Not available with SCWA. | 13 Consult factory for available wattages. |
| 3 | Universal, mogul base lamp allows KSF to be available with SCWA. | 14 KSF1, KSF2 must use 9" arm, KSF3 must use 12" arm when mounting two luminaires at 90°. |
| 4 | Must be ordered with SCWA. | 15 May be ordered as accessory. |
| 5 | Must use ED28 lamp. | 16 Must specify finish. |
| 6 | Must use BT37 lamp with R5S. | 17 Maximum allowable wattage lamp included. |
| 7 | Not applicable with L/LP. | 18 Photocell not included. |
| 8 | Not available KSF3. | 19 Available with 150S, 250S and 400S only. |
| 9 | Not available KSF1. | 20 Prefix with fixture name and size. |
| 10 | Not available KSF2. | VG: KSF1VG, KSF2VG. HS: KSF1HS, KSF2HS (for use with R2 or R3); KSF3HS (for use with R3 or R4). |
| 11 | Must specify CWI for use in Canada. | |
| 12 | Optional multi-tap ballast (120V, 208V, | |

Intended Use

For car lots, street lighting or parking areas.

Features

- Rectangular die-formed aluminum housing is fabricated using a continuous seam-weld process for weathertight integrity
- Designed for vertical lamping, segmented reflectors are rotatable and interchangeable for optimal control
- SCWA Ballasts are high reactant and have a high power factor for 175W and above

- Includes a CF lamp (LPI) in CFL configurations and uses an electronic high frequency ballast
- Mounting includes 9" long aluminum arm with integral splice compartment

Listings

UL Listed (standard). CSA Certified (see Options). UL Listed for 25°C ambient and wet locations. Optical chamber is IP65 rated for ingress protection per IEC529 international standards.

KV F



ORDERING INFORMATION

Specifications subject to change.

Example: KVF2 1000M SYMDL 480 SP09 LPI

[illegible]

Options

Shipped installed		CSA	Meets Canadian standards	PE3	NEMA twist-lock PE (347V)	(blank)	Dark bronze (std.)	LPI	Lamp included
SF	Single fuse, 120V, 277V, 347V	NOM	Meets Mexican standards (consult factory)	PE4	NEMA twist-lock PE (480V)	DBL	Black	L/LP	Less lamp
DF	Double fuse, 208V, 240V, 480V			PE7	NEMA twist-lock PE (277V)	DGC	Charcoal gray		
EC	Emergency circuit ¹⁷	INTL	Available for MH probe start shipping outside the U.S.	SC	Shorting cap for PER option	DMB	Medium bronze		
QRS	Quartz restrrike system ¹⁷			HS	House-side shield ²⁰	DNA	Natural aluminum		
PER	NEMA twist-lock receptacle only ¹⁸			VG	Vandal guard ²⁰	DWH	White		
KW1	Kilowatch 120V control ¹⁹	Shipped separately				CRT	Non-stick protective coating (black)		
KW4	Kilowatch 277V control ¹⁹	PE1	NEMA twist-lock PE (120V-240V)						

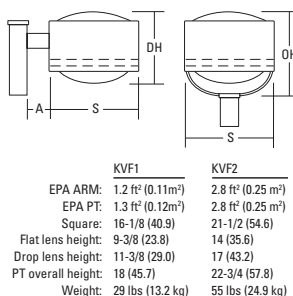
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
KVF1	551L, 851L	Not Required
KVF1	2/26DTR, 2/26TRT, 2/32TRT	SYMDEL, SYMFL, ASYDL, ASYFL, SR3DL, SR3FL
KVF1	57TRT, 70TRT	SR2DL, SR3DL, SR45CDL, SR5SDL
KVF1	42TRT, 50M, 50MHC, 70S, 70M, 70MHC, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M	SYMDEL, SYMFL, ASYDL, ASYFL, SR2DL, SR2FL, SR3DL, SR3FL, SR45CDL, SR45CFL, SR5SDL, SR5SFL
KVF1	175M SCWA, 200M	SYMDEL, SYMFL, ASYDL, ASYFL
KVF2	250S, 250M, 320M, 350M, 400S, 400M	SYMDL, SYMFL, ASYDL, ASYFL, VFADL, VFAFL, R2DL, R2FL, R3FL, R3DL, SR2FL, SR3FL, SR45CFL, SR4WFL
KVF2	450M	SYMDEL, SYMFL, ASYDL, ASYFL, VFADL, VFAFL
KVF2	1000M	SYMDEL, SYMFL, ASYDL, ASYFL, VFADL, VFAFL, R2DL, R2FL, R3FL, R3DL
KVF2	1000S	ASYDL, SYMFL, VFADL

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- | | | | |
|----|--|----|--|
| 1 | Specify lamp type and distribution.
See Configurations table. | 13 | Multi-volt electronic ballast (compact
fluorescent only) capable of operating on any
line voltage between 120V and 277V. |
| 2 | Not available with SCWA. | 14 | Tri-volt electronic ballast capable of operat-
ing any line voltage between 200V and 277V. |
| 3 | Not available 480V. | 15 | Use 12" arm when mounting two luminaires
at 90°. |
| 4 | Available with SYMDL, ASYDL and VFADL
standard E-25 lamp. | 16 | Maximum allowable wattage lamp included. |
| 5 | Not available KVF1 SCWA with horizontal
distributions. Not available SCWA with
horizontal distributions in KVFL. | 17 | Not available 347, 480, or TB. Not available
KVF2. |
| 6 | Must be ordered with SCWA. 450M only
available in vertical distribution. | 18 | Not available KVF1. Photocell not included. |
| 7 | Must use reduced jacket lamp. | 19 | Available with 200M-400M SCWA: ASY, SYM
or VFA; 250S or 400S: all distributions. |
| 8 | Not applicable with L/P. | 20 | May be ordered as an accessory. |
| 9 | Designate DL (drop lens) or FL (flat lens) after
distribution (ie SR2FL). SR4W only available
with FL. | 21 | Prefix with fixture name and size
(e.g., KVF1VG). |
| 10 | Must specify CWI for use in Canada. | 22 | 277/347/ 480T only. |
| 11 | Optional multi-tap ballast (120V, 208V, 240V,
277V). In Canada 120V, 277V, 347V; ships as
120V/347V. | 23 | Not available KVF1. |
| | | 24 | These wattages do not comply with Califor-
nia Title 20 regulations (175M, 350M, 450M). |

KVR



KVR2

KVR1

Intended Use

For streets, parking lots and surrounding areas.

Features

- Round spun aluminum housing with silicone gasketing surrounding the lens for weathertight integrity
- Designed for vertical lamping, segmented reflectors are rotatable and interchangeable for optimal control
- SCWA Ballasts are high reactant and have a high power factor for 175W and above

- Includes a CF lamp (LPI) in CFL configurations and uses an electronic high frequency ballast

- Mounting includes 4" long aluminum arm with integral splice compartment

Listings

UL Listed (standard). CSA Certified (see Options). UL Listed for 25°C ambient and wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: KVR2 250M SYMDL 120 SCWA RPD09 LPI

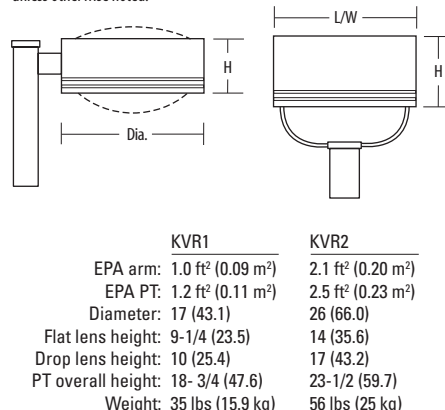
Series	Lamp type ¹					Distribution ^{1,9}				Voltage		Ballast		Mounting		
KVR1	High pressure sodium ²	Metal halide	250M ²⁴	Metal halide ceramic ⁸	2/26TRT	Horizontal lamp		Vertical lamp		120	480 ¹¹	(blank)	Magnetic ballast	Arm mounting		
KVR2		50M ^{2,4}	320M ^{6,24}	50MHC ^{2,4}	2/32TRT	R2	Type II roadway ¹⁰	SYM	Symmetric	208 ¹¹	TB ¹²	CWI	Constant wattage isolated ¹³	SPD09	9" arm for square pole ¹⁶	
		70S	350M ^{6,24}	70MHC ^{2,4}	42TRT	R3	Type III asymmetric ¹⁰	ASY	Asymmetric	240 ¹¹	23050HZ ¹³			RPD09	9" arm for round pole ¹⁶	
		100S	70M ^{2,4}	400M ²⁴	70MHC ^{2,4}	57TRT	SR2	Type II segmented	VFA	Vertical FT, automotive ¹⁰	277	MVOLT ¹⁴	SCWA	Super CWA ballast	WBD09	9" arm for wall
		150S	100M ²	450M ^{6,24}	100MHC ²	70TRT	SR3	Type III segmented			347	TVOLT ¹⁵			WWD09	9" arm for wood pole or wall ¹⁶
		200S	150M	1000M ^{7,24}	150MHC	<u>Induction</u> ²	SR4SC	Type IV segmented FT, sharp cutoff							SPD12	12" arm for square pole
		250S ²⁴	175M ⁵		<u>Compact fluorescent</u> ²	55IL	SR4W	Type IV segmented FT, wide ¹⁰							RPD12	12" arm for round pole
		400S ²⁴	200M ^{5,6}		2/26DTT	85IL										
	1000S ²⁴															
Mounting (continued)		Options									Finish		Lamped			
WBD12	12" arm for wall	<u>Shipped installed</u>				KW4	KiloWatch 277V control relay ²⁰	<u>Shipped separately</u> ²¹		(blank)	Dark bronze (std.)	LPI	Lamp included			
WWD12	12" arm for wood pole or wall	SF	Single fuse, 120V, 277V, 347V				TLS	Tool-less access	PE1	NEMA twist-lock PE (120V-240V)		DBL	Black	L/LP	Less lamp	
		DF	Double fuse, 208V, 240V, 480V				EHS	External house-side shield				DGC	Charcoal gray			
<u>Post-top mounting</u>		EC	Emergency circuit ¹⁷				EHSB	External house-shield black	PE3	NEMA twist-lock PE (347V)		DMB	Medium bronze			
PT4	Post top, 4" OD open-top pole ²³	QRS	Quartz restrike system ¹⁷				CSA	Meets Canadian standards	PE4	NEMA twist-lock PE (480V)		DNA	Natural aluminum			
		QRSTD	QRS time delay ¹⁷				NOM	Meets Mexican standards (consult factory)	PE7	NEMA twist-lock PE (277V)		DWH	White			
		PE	Photoelectric cell - button type ¹⁸						SC	Shorting cap for PER option		CRT	Non-stick protective coating (black)			
		PER	NEMA twist-lock receptacle only ¹⁹				INTL	Available for MH probe start shipping outside the U.S.	VG	Vandal guard ²²						
		KW1	KiloWatch 120V control relay ²⁰													

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
KVR1	55IL, 85IL	Not Required
KVR1	2/26DTT, 2/26TRT, 2/32TRT	SYMDL, SYMFL, ASYDL, ASYFL, SR2DL, SR3FL
KVR1	57TRT, 70TRT	SR2DL, SR3DL, SR4SCDL, SR5SDL
KVR1	42TRT, 50M, 50MHC, 70S, 70M, 70MHC, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M	SYMDL, SYMFL, ASYDL, ASYFL, SR2DL, SR2FL, SR3DL, SR3FL, SR4SCDL, SR4SCFL, SR5DL, SR5FL
KVR1	175M SCWA, 200M	SYMDL, SYMFL, ASYDL, ASYFL
KVR2	175M, 250S, 250M, 320M, 350M, 400S, 400M	SYMDL, SYMFL, ASYDL, ASYFL, VFADL, VFAFL, R2DL, R2FL, R3DL, R3FL, SR2FL, SR3FL, SR4SCFL, SR4WFL
KVR2	1000M, 1000S	SYMDL, SYMFL, ASYDL, ASYFL

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Specify lamp type and distribution. See Configurations table.
- 2 Not available with SCWA.
- 3 Drop lens uses standard E25 lamp. Flat lens uses reduced jacket lamp.
- 4 Not available in 480V.
- 5 KVR1 175M SCWA and 200M SCWA are only available with ASY or SYM.
- 6 Must be ordered with SCWA.
- 7 Must use reduced jacket lamp.
- 8 Not applicable with L/LP.
- 9 Designate DL (drop lens) or FL (flat lens) after distribution (e.g., SR2FL). KVR2 with SR2, SR3, SR4SC, SR4W only available with flat lens.
- 10 Not available with KVR1.
- 11 Must specify CWI for use in Canada.
- 12 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.

- 13 Consult factory for available wattages.
- 14 Multi-volt electronic ballast (compact fluorescent only) capable of operating on any line voltage between 120V and 277V.
- 15 Tri-volt electronic ballast (induction only) capable of operating any line voltage between 200V and 277V.
- 16 Use 12" arm when mounting two luminaires at 90°.
- 17 Maximum allowable wattage lamp included.
- 18 Not available 480 or TB. Only available with KVR1.
- 19 Only available KVR2. Photocell not included.
- 20 Available with 200M-400M SCWA: SYM, AS or VFA; 250S or 400S: all distributions.
- 21 May be ordered as an accessory.
- 22 Prefix with fixture name and size (e.g., KVR1VG).
- 23 KVR1 requires round pole.
- 24 Not available in KVR1.

KSE

**Intended Use**

For streets, parking lots and surrounding areas.

Features

- Square extruded aluminum housing is fabricated using a continuous seam-weld process for weathertight integrity
- Designed for vertical lamping, segmented reflectors are rotatable and interchangeable for optimal control
- SCWA Ballasts are high reactant and have a high power factor for 175W and above

- Includes a CF lamp (LPI) in CFL configurations and uses an electronic high frequency ballast
- Mounting includes 4" long aluminum arm with integral splice compartment

Listings

UL Listed (standard). CSA Certified of NOM Certified (see Options.) UL Listed for wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: KSE1 150M R3 277 SP09 LPI

Series	Lamp type ¹	Distribution ¹	Voltage	Ballast	Mounting
KSE1	High pressure sodium ⁴	320M ⁴	120	(blank) Magnetic ballast	Shipped included
KSE2	70S	350M ^{4,5}	208 ⁸	CWI Constant wattage isolated ¹⁰	SP04 4" arm for square pole
	100S	400M ⁵	240 ⁸	SCWA Super CWA ballast	RPD09 4" arm for round pole
	150S	Metal halide ceramic ⁶	277		WB04 4" arm for wall
	175M ³		347		SP09 9" arm for square pole
	200S	200M ⁴	480 ⁸		RP09 9" arm for round pole
	250S	250M	TB ⁹		WB09 9" arm for wall
	400S	150MHC	23050HZ ¹⁰		

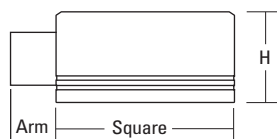
Options	Finish	Lamped
Shipped installed	(blank) Dark bronze (std.)	LPI Lamp included
SF Single fuse, 120V, 277V, 347V	DBL Black	L/LP Less lamp
DF Double fuse, 280V, 240V, 480V	DGC Charcoal gray	
EC Emergency circuit ¹⁴	DMB Medium bronze	
QRS Quartz restrike system ¹⁴	DNA Natural aluminum	
PER NEMA twist-lock receptacle only ¹⁵	DWH White	
KW1 Kilowatch 120V control ¹⁶		
KW4 Kilowatch 277V control ¹⁶		
CSA Meets Canadian standards		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
KSE1	70S, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M, 200M	R2, R3, R4SC
KSE2	250S, 250M, 320M, 350M, 400S, 400M	R2, R3, R4SC, R4W, R5S

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	KSE1	KSE2
EPA:	1.3 ft ² (.12m ²)	1.9 ft ² (.18m ²)
Square:	15-3/4 (40.0)	19 (48.3)
Height:	8-3/4 (22.2)	11 (27.9)
Max. weight:	26.6 lbs (12.1 kg)	39.9 lbs (18.1 kg)

Notes

- Specify lamp type and distribution. See Configurations table.
- Not available with SCWA.
- Universal, mogul base lamp allows KSE to be available with SCWA.
- Must be ordered with SCWA.
- Must use ED28 lamp.
- Not applicable with L/LP.
- Not available KSE1.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Consult factory for available wattages.
- Use 9" arm when mounting two luminaires at 90°.
- May be ordered as an accessory.
- Must specify finish.
- Maximum allowable wattage lamp included. QRS & EC N/A together in KSE1
- Photocell not included.
- Available with 150S, 250S and 400S only.
- Prefix with fixture name and size. VG: KSE1VG, KSE2VG. HS: KSE1HS, KSE2HS (for use with R2 or R3).

PRODUCT INFORMATION

SECURITY LIGHTING



Intended Use

Arm-mounted security light for yards and lots, service roads and building perimeters.

Features

- Rugged, die-cast aluminum head for enhanced durability
- Formed aluminum reflectors and open bottom refractor for ease of maintenance and lamp replacement
- Prismatic refractor provides uniform symmetrical Type V distribution

- Operates at 120V and includes 120V twist-lock photocell
- Mounting arm and lamp included

Listings

Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards.

CONTRACTOR
SELECT

ORDERING INFORMATION

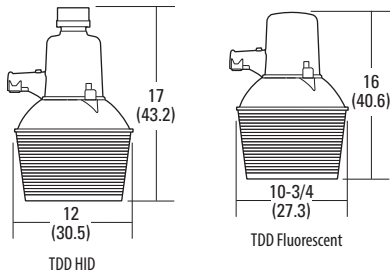
Specifications subject to change.

Catalog number	Description	Wattage	Lamp	Voltage	Mounting arm length	Lamp included	Approximate weight (Lbs)	Standard carton quantity
TDD 100ML 120 M2	12" security light	100	MHS	120	24"	Y	12	2
TDD 150SL 120 M2	12" security light	150	HPS	120	24"	Y	12	2
TDD 65L 120 M2	10" security light	65	Fluorescent	120	18"	Y	4	2

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



PRODUCT INFORMATION

Intended Use

The energy savings, long life and easy-to-install design of the TDD LED make it the smart choice for building- and post-mounted doorway, pathway and yard illumination for nearly any facility.

Features

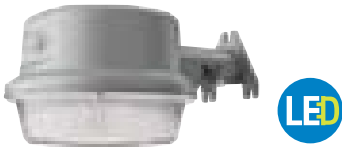
- Designed to replace up to a 100W MH luminaire while saving up to 84% in energy

- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- Housing is die-cast aluminum with an impact-resistant, polycarbonate lens for enhanced durability
- Includes an integral photocell for dusk to dawn operation

Listings

UL Listed to U.S. and Canadian safety standards for wet locations.

LED SECURITY LIGHTING
LED Area Luminaire



Example: TDD LED 1 40K 120 PE

ORDERING INFORMATION

Specifications subject to change.

Series	Light engine	Color temperature	Voltage	Controls	Finish	Accessories
TDD LED	1 1,412 lumens	40K 4000K	120 120V	PE Photocell	(blank) Grey	OMA Mounting arm

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

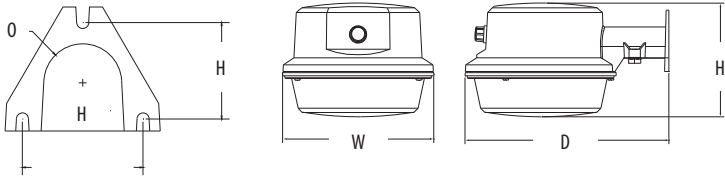
SPECIFICATIONS

WIDTH	HEIGHT	DEPTH	WEIGHT
7" (17.7 cm)	5-1/4" (13.3 cm)	9-3/8" (23.9 cm)	1.92 lbs (.87 kg)

BACKPLATE

WIDTH	HEIGHT	OPENING
2-3/4" (7 cm)	2-1/4" (5.6 cm)	1-3/4" (4.5 cm)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.



PRODUCT INFORMATION

General Purpose

Intended Use

Provides maintenance-free general illumination for outdoor use in residential and commercial applications such as retail, education, multi-unit housing and storage. Ideal for lighting building facades, parking areas, walkways, garages, loading areas and any other outdoor space requiring reliable safety and security.

Features

- Designed to replace up to a 100W MH luminaire while saving up to 84% in energy

- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- Housing is die-cast aluminum with an impact-resistant, polycarbonate lens for enhanced durability
- Includes an integral photocell for dusk to dawn operation

Listings

UL Listed to U.S. and Canadian safety standards for wet locations.

OLAW23
LED Area/Wall Light



ORDERING INFORMATION

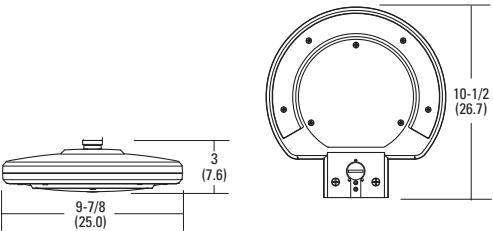
Specifications subject to change.

Example: OLAW23 53K 120 PE BZ

Series	Color temperature ¹	Voltage	Features	Finish	Accessories: Order Separately
OLAW23 2,304 lumens	53K 5000K	120 120V	PE Photocell included	BZ Bronze	OMA 18 DDB M6 18" Aluminum mounting arm

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Normal Correlated Color Temperature (CCT) per ANSI C78.377-2008.



D-SERIES BOLLARD

LED Bollard



Intended Use

For building entrances, walking paths and pedestrian plazas, as well as any other location requiring a public-facing low-height light source, with zero uplight.

Features

- Zero uplight for areas with strict lighting codes
- Designed to replace up to a 100W MH luminaire while saving up to 72% in energy
- LEDs deliver an expected service life of more than 20 years and eliminate the frequent lamp changes associated with traditional sources
- Architectural extruded 8 inch round aluminum shaft and molded top cover provides strength and aesthetics

- Easy installation requires only three 1/2" x 11" anchor bolts, allowing easy leveling and 360° rotation
- An optional cold temperature (-20°C) emergency battery backup provides a minimum of 90 minutes illumination

Listings

CSA Certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for up to 40°C ambient temperature. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

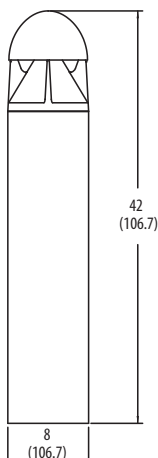
Example: DSXB LED 16C 700 40K SYM MVOLT DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage
DSXB LED	12C 12 LEDs ¹	350 350 mA	130K 3000K	ASY Asymmetric ¹	MVOLT ³
	16C 16 LEDs ²	530 530 mA	40K 4000K	SYM Symmetric ²	120 ³
		700 700 mA	50K 5000K		208 ³
			AMBLW Limited wavelength amber		277 ³
					347
Control options		Other options		Finish	
Shipped installed		SF	Single fuse (120, 277, 347V) ⁵	DWHXD	Textured white
PE	Photoelectric cell, button type	DF	Double fuse (208, 240V) ⁵	DNAXD	Textured natural aluminum
DMG	0-10V dimming driver (no controls)	H24	24" overall height	DDBXD	Textured dark bronze
ELCW	Emergency battery backup ⁴	H30	30" overall height	DBLXD	Textured black
		H36	36" overall height		
		FG	Ground-fault festoon outlet		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Only available in the 12C, ASY version.
- 2 Only available in the 16C, SYM version.
- 3 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- 4 Not available with 347V.
- 5 Single fuse (SF) requires 120, 277, or 347 voltage option, Double fuse (DF) requires 208 or 240 option.

MRBX
Omero™



Intended Use

For walkways, plazas or pedestrian areas.

Features

- Architectural extruded aluminum bollard body and molded top cover provides strength and aesthetics
- Lens is clear, 100% virgin acrylic to ensure an even distribution
- Easy installation requires only three 1/2" x 11" anchor bolts, allowing easy leveling and 360° rotation

- Electrical components are located on a removable power module and are located at the bottom of the bollard for easy access

Listings

Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards for wet locations (see Options.) NOM Certified (see Options). U.S. Patent No. D550,881.

ORDERING INFORMATION

Specifications subject to change.

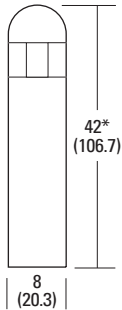
Example: MBRX 70M ASY 120 LPI

Series	Lamp type			Distribution		Voltage	Ballast		
MRBX	<u>High pressure sodium</u> 35S ¹ 50S 70S 100S	<u>Metal halide</u> ²	<u>Incandescent</u> ³	SYM	Type V symmetric distribution	120	(blank)	Magnetic ballast	
		50M	I	ASY	Asymmetric distribution	208 ⁴			
		70M	<u>Compact fluoorescent</u>			240 ⁴			
		100M	13DTT			277			
			26TRT			347 ⁵			
			32TRT			TB ⁶ MVOLT ⁷			
Options						Finish		Lamped	
<u>Shipped installed</u>			ELDWC	Cold weather emergency battery pack (-20° C start temp) ⁸		(blank)	Textured dark bronze (std.)	LPI	Lamp included
SF	Single fuse, 120V, 277V, 347V		CSA	Meets Canadian standards		DSST	Textured sandstone	L/LP	Less lamp
DF	Double fuse, 208V, 240V		NOM	Meets Mexican standards (consult factory)		DNAT	Textured natural aluminum		
GLR	Internal fast-blow fusing		<u>Shipped separately</u> ⁹			DWHG	Textured white		
GMF	Internal slow-blow fusing		HS	Internal half shield ¹⁰		DBLB	Textured black		
H24	24" overall height		MRAB	Anchor bolts					
H30	30" overall height								
H36	36" overall height								

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Max. weight: 45 lbs (20.4 kg)

* Also available in 24" (H24), 30" (H30) and 36" (H36)

KBA8 LED KBD8 LED

LED Architectural Bollard



KBA LED

KBD LED

Intended Use

For walkways, plazas or pedestrian areas.

Features

- Designed to replace up to a 100W MH luminaire while saving up to 74% in energy
- LEDs deliver an expected service life of more than 20 years and eliminate the frequent lamp changes associated with traditional sources
- Architectural extruded aluminum shaft, impact resistant acrylic lens, and top cover provide strength and aesthetics

- Easy installation requires only three 1/2" x 11" anchor bolts, allowing easy leveling and 360° rotation
- An optional cold temperature (-20°C) emergency battery backup provides a minimum of 90 minutes illumination

Listings

CSA Certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for up to 40°C ambient temperature.

ORDERING INFORMATION

Specifications subject to change.

Example: KBA8 LED 16C 700 40K SYM MVOLT DDBXD

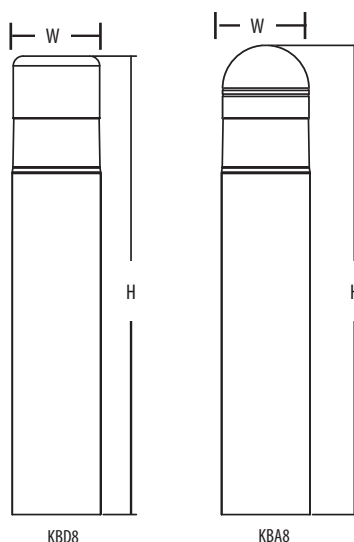
Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Control options	Other options	Finish
KBA8 LED	12C 12 LEDs ¹	350 350mA	30K 3000K	ASY Asymmetric ¹	MVOLT ³	<u>Shipped installed</u>	<u>Shipped installed</u>	DDBXD Dark bronze
KBD8 LED	16C 16 LEDs ²	530 530mA	40K 4000K	SYM Symmetric ²	120 ³	PE Photoelectric cell, button type ³	SF Single fuse, (120, 277, 347V) ⁵	DBLXD Black
		700 700mA	50K 5000K		208 ³	DMG 0-10V dimming driver, (no controls)	DF Double fuse, (208, 240V) ⁵	DNAXD Natural aluminum
			AMBLW Amber Limited Wavelength		240 ³	ELCW Emergency battery backup ⁴	H24 24" overall height	DWHXD White
					277 ³		H30 30" overall height	DDBTXD Textured bronze
					347		H36 36" overall height	DBLBXD Textured black
							FG Ground-fault festoon outlet	DNATXD Textured natural aluminum
								DWHGXD Textured white

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
SERIES	WIDTH	HEIGHT	WEIGHT (max)
KBA8 LED	8" Round (20.3 cm)	42" (106.7 cm)	27 lbs (12.25 kg)
KBD8 LED	8" Round (20.3 cm)	42" (106.7 cm)	27 lbs (12.25 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Only available in the 12C, ASY version.
- Only available in the 16C, SYM version.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Not available with 347V.
- Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.

Intended Use

For walkways, plazas or pedestrian areas.

Features

- Designed to replace up to a 100W MH luminaire while saving up to 74% in energy
- LEDs deliver an expected service life of more than 20 years and eliminate the frequent lamp changes associated with traditional sources
- Architectural extruded aluminum shaft, impact resistant acrylic lens, and top cover provide strength and aesthetics

- Easy installation requires only three 1/2" x 11" anchor bolts, allowing easy leveling and 360° rotation
- An optional cold temperature (-20°C) emergency battery backup provides a minimum of 90 minutes illumination

Listings

CSA Certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for up to 40°C ambient temperature.

KBC8 LED

KBR8 LED

LED Architectural Bollard



KBR LED

KBC LED

**ORDERING INFORMATION**

Specifications subject to change.

Example: KBR8 LED 16C 700 40K SYM MVOLT DDBXD

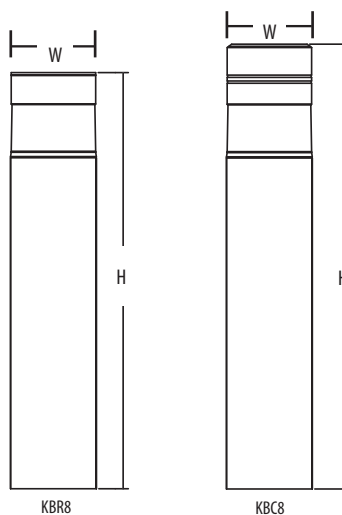
Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Control options	Other options	Finish
KBC8 LED	12C 12 LEDs ¹	350 350mA	30K 3000K	ASY Asymmetric ¹	MVOLT ³	Shipped installed	Shipped installed	DDBXD Dark bronze
KBR8 LED	16C 16 LEDs ²	530 530mA	40K 4000K	SYM Symmetric ²	120 ³	PE Photoelectric cell, button type ³	SF Single fuse, (120, 277, 347V) ⁵	DBLXD Black
		700 700mA	50K 5000K		208 ³	DMG 0-10V dimming driver, (no controls)	DF Double fuse, (208, 240V) ⁵	DNAXD Natural aluminum
			AMBLW Amber Limited Wavelength		240 ³	ELCW Emergency battery backup ⁴	H24 24" overall height	DWHXD White
					277 ³		H30 30" overall height	DDBTXD Textured bronze
					347		H36 36" overall height	DBLBXD Textured black
							FG Ground-fault festoon outlet	DNATXD Textured natural aluminum
								DWHGXD Textured white

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
SERIES	WIDTH	HEIGHT	WEIGHT (max)
KBC8 LED	8" Round (20.3 cm)	42" (106.7 cm)	27 lbs (12.25 kg)
KBR8 LED	8" Round (20.3 cm)	40" (101.6 cm)	27 lbs (12.25 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Only available in the 12C, ASY version.
- Only available in the 16C, SYM version.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Not available with 347V.
- Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.

KBA KBD



KBD



KBA

Intended Use

For walkways, plazas or pedestrian areas.

Features

- Square extruded aluminum bollard shaft and molded top cover have 0.156" wall thickness
- Lens is clear, 100% virgin acrylic to ensure an even distribution

- Secure mounting configuration uses four 1/4" x 11" anchor bolts with double leveling nuts to secure bollard
- Electrical components are located on a removable power module and are located at the bottom of the bollard for easy access

Listings

UL Listed (standard). CSA Certified (see Options). UL Listed for wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: KBA8 70M R5 TB LPI

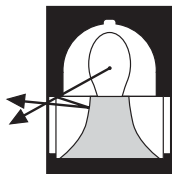
Series	Lamp type ¹			Distribution ¹			Voltage	Ballast	Options							
KBA6	<u>High pressure sodium</u>	100S	<u>Incandescent</u> ^{2,4,5}	<u>Standard flared cone</u>		CYG	Gold alzak	120	(blank)	Magnetic ballast	<u>Shipped installed</u>		FG	Festoon outlet with duplex ground fault receptacle ⁹		
KBA8		150S		I	Type V distribution	CYF	Flat black	208 ⁷			SF	Single fuse, 120V, 277V, 347V	XT		Diode (incandescent only)	
KBD6		<u>Metal halide</u> ³	<u>Compact fluorescent</u> ⁶	<u>Optional cylindrical reflector</u>		<u>Louvers (8" only)</u>		240 ⁷			DF	Double fuse, 208V, 240V	CSA		Meets Canadian standards	
KBD8		35S ²		50M	CYA	Specular alzak	LV	Louvers			277	H24	24" overall height		<u>Shipped separately</u>	
		50S		70M							347	H30	30" overall height		R6S	Half-shield (6" round)
	70S	100M	32TRT	CYB	Black alzak			TB ⁴	H36	36" overall height	R8S	Half-shield (8" round)				
								MVOLT ⁶			FD	Festoon outlet	KBAB	Anchor bolts		
<u>Finish</u> ¹⁰																
(blank)	Dark bronze (std.)	DMB	Medium bronze	DTG	Tennis green	SDDB	Dark bronze stripe	SDTG	Tennis green stripe	LPI	Lamp included					
DWH	White	DNA	Natural aluminum	DBR	Bright red	SDWH	White stripe	SDBR	Bright red stripe	L/LP	Less lamp					
DBL	Black	DSS	Sandstone	DSB	Steel blue	SDBL	Black stripe	SDBUA	Dark blue stripe							
		DGC	Charcoal gray			SDNA	Natural aluminum stripe	SDYLB	Yellow stripe							

ADDITIONAL INFORMATION

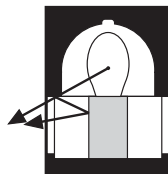
For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
KBA6, KBD6	35S, 50S, 50M, 70S, 70M, I	R5, CYA, CYB, CYG, CYF
KBA8, KBD8	50S, 70S, 70M, 100S, 100M, 150S, I	R5, CYA, CYB, CYG, CYF, LV
KBA8, KBD8	26TRT, 32TRT	LV

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



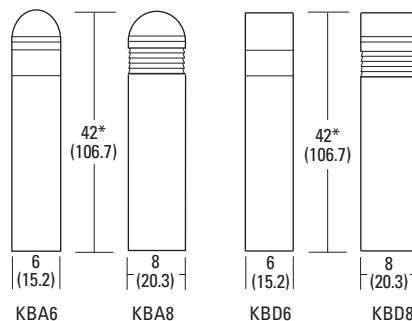
Standard flared cone



Optional cylindrical reflector



Louver



Max. weight: 34.9 lbs (15.9 kg)

* Also available in 24" (H24), 30" (H30) and 36" (H36).

Notes

- 1 Specify lamp type and distribution. See Configurations table.
- 2 120V only.
- 3 Requires coated lamp.
- 4 KB-6: 116W/TS, lamp not included.
- 5 KB-8: 150W max., lamp not included.
- 6 Louver must be used. Multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120V-277V.
- 7 Consult factory for use in Canada.
- 8 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 9 Cover ships separately.
- 10 Choose primary fixture finish and stripe color if desired.

Intended Use

For walkways, plazas or pedestrian areas.

Features

- Square extruded aluminum bollard shaft and molded top cover have 0.156" wall thickness
- Lens is clear, 100% virgin acrylic to ensure an even distribution

- Secure mounting configuration uses four 1/4" x 11" anchor bolts with double leveling nuts to secure bollard
- Electrical components are located on a removable power module and are located at the bottom of the bollard for easy access

Listings

UL Listed (standard). CSA Certified (see Options). UL Listed for wet locations.

KBC KBR



KBC

KBR

ORDERING INFORMATION

Specifications subject to change.

Example: KBR8 100M R5 120 CR LPI

Series	Lamp type ¹		Distribution ¹	Voltage	Ballast	Options
KBC6	High pressure sodium	Metal halide ³	Incandescent ^{2,4,5}	Standard flared cone	CYG Gold alzak	120 (blank) Magnetic ballast
KBC8	50M	50M	R5 Type V distribution	CYF Flat black	208 ⁷	Shipped installed
KBR6	35S ²	70M	Optional cylindrical reflector	Louvers (8" only)	240 ⁷	DF Double fuse, 208V, 240V
KBR8	50S	100M	CYA Specular alzak	LV Louvers	277	H24 24" overall height
	70S		CYB Black alzak		347	H30 30" overall height
	100S				TB ⁴	H36 36" overall height
					MVOLT ⁶	FD Festoon outlet ⁹
						FG Festoon outlet with duplex ground fault receptacle ⁹
						XT Diode (incandescent only)
						CSA Meets Canadian standards
						Shipped separately
						R6S Half-shield (6" round)
						R8S Half-shield (8" round)

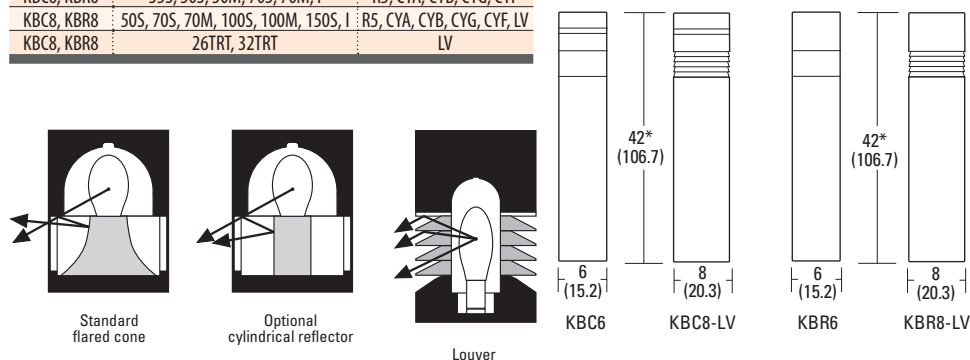
Finish ¹⁰										Lamped
(blank)	Dark bronze (std.)	DMB	Medium bronze	DTG	Tennis green	SDDB	Dark bronze stripe	SDTG	Tennis green stripe	LPI Lamp included
DWH	White	DNA	Natural aluminum	DBR	Bright red	SDWH	White stripe	SDBR	Bright red stripe	L/LP Less lamp
DBL	Black	DSS	Sandstone	DSB	Steel blue	SDBL	Black stripe	SDBUA	Dark blue stripe	
		DGC	Charcoal gray			SDNA	Natural aluminum stripe	SDYLB	Yellow stripe	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
KBC6, KBR6	35S, 50S, 50M, 70S, 70M, I	R5, CYA, CYB, CYG, CYF
KBC8, KBR8	50S, 70S, 70M, 100S, 100M, 150S, I	R5, CYA, CYB, CYG, CYF, LV
KBC8, KBR8	26TRT, 32TRT	LV

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Specify lamp type and distribution. See Configurations table.
- 2 120V only.
- 3 Requires coated lamp.
- 4 KB-6: 116W/TS, lamp not included.
- 5 KB-8: 150W max., lamp not included.
- 6 Louver must be used. Multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120V-277V.
- 7 Consult factory for use in Canada.
- 8 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 9 Cover ships separately.
- 10 Choose primary fixture finish and stripe color if desired.

ASB

Aeris™



ASBX

ASBY

ASBZ

Intended Use

For walkways, plazas or pedestrian areas.

Features

- Square extruded aluminum body with cast aluminum top cap has 0.188 minimum wall thickness for added durability
- Lens is clear, 100% virgin acrylic to ensure an even distribution
- Secure mounting configuration uses four 1/4" x 11" anchor bolts with double leveling nuts to secure bollard

- Electrical components are located on a removable power module and are located at the bottom of the bollard for easy access
- Choose from three decorative tops for aesthetic preferences

Listings

UL Listed (standard). CSA Certified (see Options). UL Listed for wet locations.

ORDERING INFORMATION

Specifications subject to change.

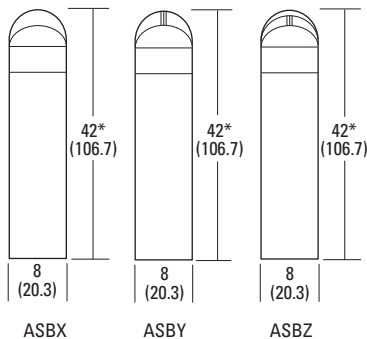
Example: ASBX 70M R5 TB LPI

Series	Lamp type		Distribution	Voltage	Ballast
ASBX	High pressure sodium	Metal halide ¹	Standard flared cone	120	(blank) Magnetic ballast
ASBY	50S	70M	R5 Type V distribution	208 ³	
ASBZ	70S	100M	Optional cylindrical reflector	240 ³	
	100S	Incandescent	CYA Specular alzak	277	
	150S	I ²	CYB Black alzak	TB ⁴	
			CYG Gold alzak		
			CYF Flat black		
Options			Finish	Lamped	
Shipped installed			(blank) Textured dark bronze (std.)	LPI	Lamp included
SF	Single fuse, 120V, 277V, 347V	FD Festoon outlet	DBL Black	L/LP	Less lamp
DF	Double fuse, 208V, 240V	FG Festoon outlet with duplex ground fault receptacle ⁵	DNA Natural aluminum		
H24	24" overall height	CSA Meets Canadian standards	DSST Textured sandstone		
H30	30" overall height	Shipped separately ⁶	DNAT Textured natural aluminum		
H36	36" overall height	S8S Half-shield (8" square)	DWHG Textured white		
		KBAB Anchor bolts	DBLB Textured black		

ADDITIONAL INFORMATION

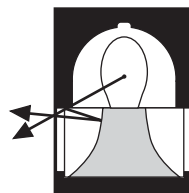
For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

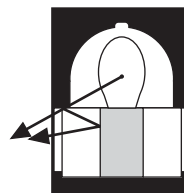


Max. weight: 43.2 lbs (19.6 kg)

* Also available in 24" (H24), 30" (H30), 36" (H36)



Standard
flared cone



Optional
cylindrical reflector

Notes

- 1 Requires coated lamp.
- 2 120V only, 150W max.; lamp not provided.
- 3 Consult factory for use in Canada.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 5 Cover ships separately.
- 6 May be ordered as accessory.

Intended Use

For walkways, plazas or pedestrian areas.

Features

- Square extruded aluminum shaft and top cover have a minimum of 0.188" wall thickness for increased strength
- Lens is clear, 100% virgin acrylic to ensure an even distribution
- Secure mounting configuration uses four 1/4" x 11" anchor bolts with double leveling nuts to secure bollard

- Electrical components are located on a removable power module and are located at the bottom of the bollard for easy access

Listings

UL Listed (standard). CSA Certified (see Options). UL Listed for wet locations.

KBS KBE



KBS

KBE

ORDERING INFORMATION

Specifications subject to change.

Example: KBS6 70M R5 TB LPI

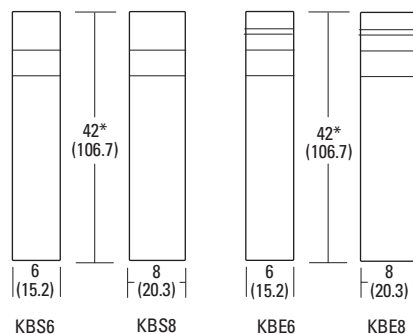
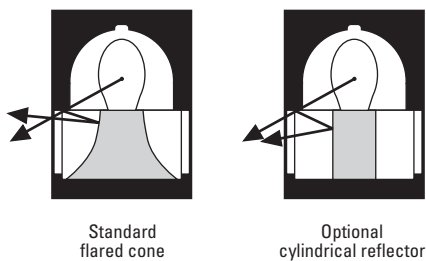
Series	Lamp type ¹	Distribution ¹	Voltage	Ballast	Options		
KBS6	High pressure sodium	Metal halide ³	Standard flared cone	120	(blank) Magnetic ballast	Shipped installed	FG Festoon outlet with duplex ground fault receptacle ⁸
KBS8	35S ²	50M	R5 Type V distribution	208 ⁶		SF Single fuse, 120V, 277V, 347V	CSA Meets Canadian standards
KBE6	70m	70m	Optional cylindrical reflector	240 ⁶		DF Double fuse, 208V, 240V	Shipped separately
KBE8	50S	100M	CYA Specular alzak	277		H24 24" overall height	S6S Half-shield (6" square)
	70S	Incandescent	CYB Black alzak	347		H30 30" overall height	S6S Half-shield (6" square)
	100S	^{12, 4, 5}	CYG Gold alzak	TB ⁷		H36 36" overall height	KBAB Anchor bolts
	150S		CYF Flat black			FD Festoon outlet	
Finish ⁹						Lamped	
(blank)	Dark bronze (std.)	DTG	Tennis green	SDNA	Natural aluminum stripe	LPI	Lamp included
DWH	White	DBR	Bright red	SDTG	Tennis green stripe	L/LP	Less lamp
DBL	Black	DSB	Steel blue	SDBR	Bright red stripe		
DMB	Medium bronze	SDDB	Dark bronze stripe	SDBUA	Dark blue stripe		
DNA	Natural aluminum	SDWH	White stripe	SDYLB	Yellow stripe		
DSS	Sandstone	SDBL	Black stripe				
DGS	Chargoal gray						

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
KBE6, KBS6	35S, 50S, 50M, 70S, 70M, I	R5, CYA, CYB, CYG, CYF
KBE8, KBS8	50S, 70S, 70M, 100S, 100M, 150S, I	R5, CYA, CYB, CYG, CYF

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Max. weight: 43.2 lbs (19.6 kg)

* Also available in 24" (H24), 30" (H30) and 36" (H36).

Notes

- 1 Specify lamp type and distribution. See Configurations table.
- 2 120V only.
- 3 Requires coated lamp.
- 4 KB-6: 116W/TS, lamp not included.
- 5 KB-8: 150W max., lamp not included.
- 6 Consult factory for use in Canada.
- 7 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 8 Cover ships separately.
- 9 Choose primary fixture finish and stripe color if desired.

D-SERIES WALL SIZE 1

LED Wall Luminaire



Intended Use

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

Features

- Designed to replace 50-250W MH luminaires while saving up to 74% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- Precision-engineered optics deliver incredible uniformity and allow for maximum luminaire spacing

- Offers a choice of six distributions for maximum versatility
- An optional emergency battery backup provides a minimum of 90 minutes of illumination
- An optional occupancy sensor allows the luminaire to dim and save more energy while the area is unoccupied

Listings

CSA Certified to U.S. and Canadian standards. Rated for -40°C minimum ambient. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

Series	Performance package			Distribution		Voltage	Mounting
DSXW1 LED	LEDs	Drive current		Color temperature			Shipped included
	10C 10 LEDs (one engine)	350	350mA	30K	3000K (80 CRI min.)	MVOLT ¹	(blank) Surface mounting bracket
	20C 20 LEDs (two engines)	530	530mA	40K	4000K (70 CRI min.)	120 ¹	BBW Surface-mounted back box (for conduit entry) ²
		700	700 mA	50K	5000K (67 CRI)	208 ¹	
		1000	1000 mA (1 A)			240 ¹	
						277 ¹	
				T2S	Type II short		
				T2M	Type II medium		
				T3S	Type III short		
				T3M	Type III medium		
				T4M	Type IV medium		
				TFTM	Forward throw medium		

Control options		Other options		Accessories: Order Separately	
Shipped installed		Shipped installed		Shipped separately	
PE	Photoelectric cell, button type ³	SF	Single fuse (120, 277V) ⁸	BSW	Bird-deterrent spikes ⁹
DMG	0-10V dimming driver (no controls)	DF	Double fuse (208, 240V) ⁸	WG	Wire guard ⁹
PIR	180° motion/ambient light sensor, <15' mtg ht ^{4,6}	HS	House-side shield ⁹	VG	Vandal guard ⁹
PIRH	180° motion/ambient light sensor, 15-30' mtg ht ^{5,6}	SPD	Separate surge protection		
ELCW	Emergency battery backup (includes external component enclosure) ⁷			DSXWHS U	House-side shield (one per light engine)
				DSXWBSW U	Bird-deterrent spikes
				DSXW1WG U	Wire guard accessory
				DSXW1VG U	Vandal guard accessory

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS

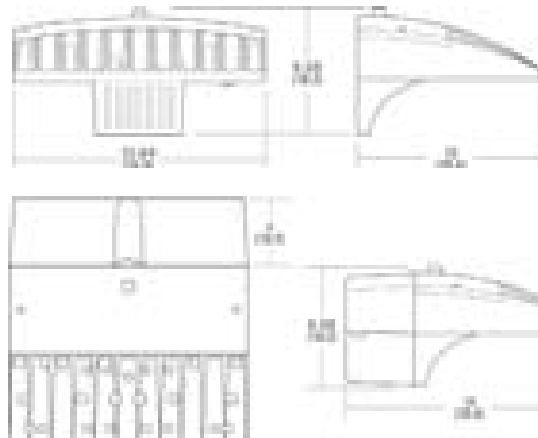
LUMINAIRE

WIDTH	DEPTH	HEIGHT	WEIGHT
13-3/4" (34.9 cm)	10" (25.4 cm)	6-3/8" (16.2 cm)	12 lbs (5.4 kg)

SPECIFICATIONS

BACK BOX (BBW, ELCW)

WIDTH	DEPTH	WEIGHT
13-3/4" (34.9 cm)	4" (10.2 cm)	6-3/8" (16.2 cm)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240 or 277 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- Specifies the Sensor Switch SBR-10-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard.
- Specifies the Sensor Switch SBR-6-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard.
- Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Not compatible with conduit entry applications. Not available with BBW mounting option.
- Single fuse (SF) requires 120 or 277 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- Also available as a separate accessory; see Accessories information.

Intended Use

The energy savings, long life and easy-to-install design of the D-Series Wall Size 2 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

Features

- Designed to replace 175-400W MH luminaires while saving up to 76% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources



- Precision-engineered optics deliver incredible uniformity and allow for maximum luminaire spacing
- Offers a choice of six distributions for maximum versatility
- An optional occupancy sensor allows the luminaire to dim and save more energy while the area is unoccupied
- Universal mounting plate with integral bubble level allows for one-person installation

Listings

CSA Certified to U.S. and Canadian standards. Rated for -40°C minimum ambient. DesignLights Consortium® qualified product.

D-SERIES WALL SIZE 2

LED Wall Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

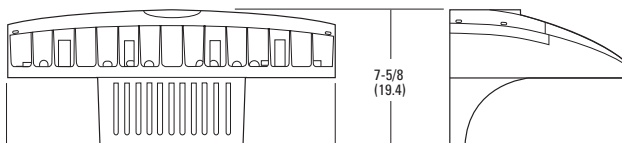
Example: DSXW2 LED 30C 700 40K T3M MVOLT DDBTXD

Series	Performance package				Distribution		Voltage	Mounting
DSXW2 LED	LEDs		Drive current	Color temperature	T2S	Type II short	MVOLT ¹	<u>Shipped included</u>
	20C	20 LEDs (two engines)	350 350mA	30K 3000K	T2M	Type II medium	120 ¹	(blank) Surface mounting bracket
	30C	30 LEDs (three engines)	530 530mA	40K 4000K	T3S	Type III short	208 ¹	<u>Shipped separately</u> ³
			700 700 mA	50K 5000K	T3M	Type III medium	240 ¹	BBW Surface-mounted back box (for conduit entry)
			1000 1000 mA (1 A)		T4M	Type IV medium	277 ¹	
					TFTM	Forward throw medium	347 ²	
							480 ²	
Control options				Other options		Accessories: Order Separately		
<u>Shipped installed</u>				<u>Shipped installed</u>		<u>Shipped separately</u>		
PE	Photoelectric cell, button type ⁴			SF	Single fuse (120, 277, 347V) ⁷	BSW	Bird-deterrent spikes ³	DSXWHS U House-side shield (one per light engine)
PER	NEMA twist-lock receptacle only (no controls)			DF	Double fuse (208, 240V, 480V) ⁷	WG	Wire guard ³	DSXWBSW U Bird-deterrent spikes
DMG	0-10V dimming driver (no controls)			HS	House-side shield ³	VG	Vandal guard ³	DSXW1WG U Wire guard accessory
DCR	Dimmable and controllable via ROAM® (no controls) ⁵			SPD	Separate surge protection			DSXW1VG U Vandal guard accessory
PIRH	180° motion/ambient light sensor, 15-30' mtg ht ⁶							

ADDITIONAL INFORMATION

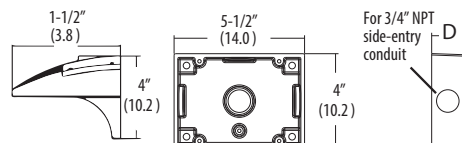
For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
LUMINAIRE			
WIDTH	DEPTH	HEIGHT	WEIGHT
18-1/2" (47.0 cm)	10" (25.4 cm)	7-5/8" (19.4 cm)	21 lbs (9.5 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

SPECIFICATIONS		
BACK BOX (BBW)		
WIDTH	DEPTH	WEIGHT
5-1/2" (14.0 cm)	1-1/2" (3.8 cm)	4" (10.2 cm)

**Notes**

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Available with 30 LED/700mA options only (DSXW2 LED 30C 700).
- Also available as a separate accessory; see Accessories information.
- Photocontrol (PE) requires 120, 208, 240 or 277 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net.
- Specifies the Sensor Switch SBR-6-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.

TWF



Intended Use

For building- and wall-mounted applications.

Features

- Housing is die-cast aluminum for enhanced durability
- Includes impact-resistant, tempered-glass lens
- Vertical lamp orientation delivers improved lamp output and life
- All ballasts are 100% factory tested

- Meets IES full cutoff criteria in lens-down orientation
- Universal mounting plate with integral mounting bolts allows for one-person installation

Listings

CSA Listed to U.S. and Canadian safety standards suitable for wet locations in the down orientation. NOM Certified. IP65 rated. 175W and below - listed to 40° C ambient. CFL-2/42 and below and 250W and above - listed to 30° C ambient. Emergency options in all wattages, 200W, and 70W and 57W CFL- listed to 25° C ambient.



ORDERING INFORMATION

Specifications subject to change.

Example: TWF1 100M TB LPI

Series	Lamp type				Voltage	Ballast	Options
TWF1 ¹	High pressure sodium	Metal halide	350M ³	Compact fluorescent	120	(blank) Magnetic ballast	Shipped installed
TWF2 ²	70S	70M	400M	26DTT	208 ⁵	CWI Constant wattage isolated ballast ⁸	SF Single fuse, 120V, 277V, 347V
	100S	100M	Metal halide	2/26DTT	240 ⁵	SCWA Super CWA ballast ⁹	DF Double fuse, 208V, 240V, 480V
	150S	150M	ceramic ⁴	32TRT	277	HEB Electronic ballast ^{9,21}	GMF Internal slow-blow fusing (not available with MVOLT; CFL only)
	175M	175M		2/32TRT	480 ⁵		ELDW Bodine emergency battery pack ^{10,11}
	250S	200M ³	100MHC	42TRT	347		ELDWC Cold-weather emergency battery pack ^{10,12}
	400S	250M	150MHC	2/42TRT	TB ⁶		ELDWR Fixture wired ready for Bodine B30 battery pack ^{10,13,14}
		320M ³		57TRT	MVOLT ⁷		ELDWRPS Fixture wired ready for PS1400 or PSDL battery pack ^{10,14,15}
				70TRT			EC Emergency circuit ^{10,16}

Options (continued)				Finish		Lamped	
QRS	Quartz restrike system ^{10,16}	PE	NEMA twist-lock receptacle only (no photocell) ^{16,22}	Shipped separately ²⁴	(blank)	Dark bronze textured (std.)	LPI Lamp included
QRSTD	QRS time delay ^{10,16}	CSA	Meets Canadian standards	TWF1BBW Surface mounted back box	DNAT	Natural aluminum-textured	L/LP Less lamp
ELD	LED emergency single ^{10,17,18}	NOM	Meets Mexican standards (consult factory)	TWF1WG Wire guard	DWHG	White-textured	
2ELED	LED emergency double ^{10,17,18}	INTL	Available for MH probe start shipping outside the U.S.	TWF1VG Vandal guard	DBLB	Black-textured	
DC12	Emergency circuit 12V; 35W lamp included ^{10,19}	2/1	Two 1-lamp ballasts ²³	TWF2BBW Surface mounted back box	CRT	Non-stick protective coating (black)	
2DC12	Emergency circuit 12V; two 35W lamps included ^{10,19}	DS	Dual switching ²³	TWF2VG Vandal guard			
DC2012	Emergency circuit 12V; 20W lamp included ^{10,19}			TWF2VG Wire guard			
2DC2012	Emergency circuit 12V; two 20W lamps included ^{10,19,20}			PE1 NEMA twist-lock PE (120, 208, 240V)			
PE	Photoelectric cell - button type (not available TB, MVOLT or 480V) ^{16,18}			PE3 NEMA twist-lock PE (347V)			
				PE4 NEMA twist-lock PE (480V)			
				PE7 NEMA twist-lock PE (277V)			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

	W	H	D
	TWF1	TWF2	
Depth:	9-5/8 (24.4)	12-3/8 (31.4)	
Width:	16 (40.6)	18 (45.7)	
Height:	10-1/8 (25.7)	11-1/2 (29.2)	
Max. weight:	24 lbs (10.8 kg)	39 lbs (17.6 kg)	

Notes

- 1 Available up to 150S, 200M, and 70TRT compact fluorescent.
- 2 Available in 250-400W HPS and MH.
- 3 Must be ordered with SCWA.
- 4 Must be ordered with lamp included (LPI).
- 5 Consult factory for availability in Canada.
- 6 Optional multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada--ships as 120/347 in Canada).
- 7 Optional multi-volt electronic ballast (for compact fluorescent only) capable of operating on any line voltage from 120V-277V.
- 8 Consult factory for availability.
- 9 SCWA: Not available with HPS and 70M or 100M; HEB: Only available with 70M or 100M.
- 10 Cannot be ordered with any other emergency option.
- 11 Available for compact fluorescent only; not available with 2/32TRT, 2/42TRT, 57TRT, or 70TRT.

- 12 Available for compact fluorescent only; not available with 57TRT or 70TRT.
- 13 Available for compact fluorescent only.
- 14 Pilot light/test switch mounting plate included.
- 15 Available for compact fluorescent only; not available with 2/42TRT, 57TRT, or 70TRT.
- 16 Must be ordered with fixture; cannot be field installed.
- 17 Maximum wattage 100M and 70S. Must specify 120V or 277V.
- 18 Must specify voltage.
- 19 Not available with SF, DF or GMF.
- 20 Consult factory for maximum HID wattage available with this option.
- 21 Available with the TWF1 only.
- 22 Available with the TWF2 only.
- 23 Available for compact fluorescent only; available with 2/26DTT, 2/32TRT, and 2/42TRT.
- 24 May be ordered as an accessory.

Intended Use

The Contour Series Wall LED luminaire is ideal for commercial building mounted applications from over-the-door to 20 ft mounting heights.

Features

- Designed to replace 100-400W MH luminaires while saving up to 80% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources



- Die-cast housing features a flow-through design which allows for optimal thermal management through convective cooling
- Precision-engineered optics deliver exceptional uniformity and allow for increased spacing
- A modular design simplifies maintenance and future light engine upgrades
- Universal mounting plate with integral bubble level allows for one-person installation

Listings

CSA Certified to U.S. and Canadian standards. Light engine is IP66 rated. Luminaire is IP65 rated. DesignLights Consortium® qualified product.

CSXW LED

LED Wall Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

Example: CSXW LED 30C 700 40K T3M MVOLT DDBXD

Series	LEDs		Drive current		Color temperature		Distribution		Voltage		Mounting
CSXW LED	30C	30LEDs	700	700mA	40K	4000K	T2M	Type II medium	MVOLT ²	277 ²	<u>Shipped included</u>
			1000	1000mA	50K	5000K	T3M	Type III medium	120 ²	347 ³	(blank) Surface mount
							T4M	Type IV medium	208 ²	480 ³	<u>Shipped separately</u>
							TFTM	Type IV forward throw medium	240 ²		BBW Surface mounted back box (for conduit entry) ⁴
Options						Finish				Accessories: Order Separately	
<u>Shipped installed</u>			<u>Shipped separately</u>			DDBXD	Dark bronze	DDBTXD	Textured bronze	CSXWBBW DDBXD U Back box accessory (specify finish)	
PE	Photoelectric cell, button type ^{5,6}		VG	Vandal guard		DBLXD	Black	DBLBXD	Textured black	CSXWWG U Wire guard accessory	
DMG	0-10V dimming driver (no controls)		WG	Wire guard		DNAXD	Natural aluminum	DNATXD	Textured natural aluminum	CSXWVG U Vandal guard accessory	
SF	Single fuse (120,277, 347) ⁷					DWHGXD	White	DWHGXD	Textured white		
DF	Double fuse (208,240, 480) ⁷										

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

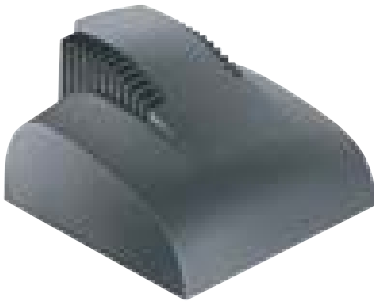
SPECIFICATIONS			
HEIGHT	WIDTH	DEPTH	WEIGHT (max)
7-1/8" (29.2 cm)	16-3/8" (41.6 cm)	9-5/16" (23.6 cm)	30 lbs (13.6 kg)

**Notes**

- Configured with 4000K (/40K) provides the shortest lead times. Consult factory for 5000K (/50K) lead times.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options) or photocontrol (PE option).
- Available with 700 mA options only (30C 700).
- Also available as a separate accessory; see Accessories information.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option.
- Must be ordered with fixture; cannot be field installed.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

ASW

Aeris™



Intended Use

For building- and wall-mounted applications.

Features

- Housing is die-cast aluminum for enhanced durability
- Includes impact-resistant, tempered-glass lens
- High-performance segmented optical reflector provides uniformity and control
- Interchangeable reflectors with up to 10° aiming capability
- All ballasts are 100% factory tested

- Meets IES full cutoff criteria in lens-down orientation
- Universal mounting plate with integral mounting bolts allows for one-person installation

Listings

UL Listed to U.S. and Canadian safety standards. CSA Certified or NOM Certified (see Options). UL Listed suitable for wet locations in up or down orientation. IP65 rated. U.S. Patent No. D500,569. Other patents pending.

ORDERING INFORMATION

Specifications subject to change.

Example: ASW1 100M SR3 120 LPI

Series	Lamp type ¹	Distribution ¹	Voltage	Ballast	Mounting	Options
ASW1	High pressure sodium ²	400M	120	(blank) Magnetic ballast	Shipped installed	Shipped installed
ASW2	70M ^{2,3}	2/32TRT ⁷	208 ¹³	CWI Constant wattage isolated ¹⁶	(blank) Mounting plate	SF Single fuse, 120V, 277V, 347V
	100M ²	42TRT	240 ¹³		Shipped separately ^{17, 18, 19}	DF Double fuse, 208V, 240V, 480V
	70S	2/42TRT ⁷	277	SCWA Super CWA ballast	BBW Surface mounted back box	GMF Internal slow-blow fusing
	100S	57TRT	347			ELDW Bodine emergency battery pack ²⁰
	150S	70TRT	480 ¹³			ELDWR Fixture wired ready for Bodine B30 battery pack ²¹
	200S	2/26DTT ⁷	TB ¹⁴			ELDWRPS Fixture wired ready for PS1400 or PSDL battery pack ^{21, 22}
	250S	Induction ²	MVOLT ¹⁵			EC Emergency circuit ^{11, 23}
	400S	70IL	23050HZ ¹⁶			

Options (continued)	Finish	Lamped
QRS Quartz restrike system ^{11, 23}	(blank) Dark bronze, textured (std.)	LPI Lamp included
QRSTD QRS time delay (ASW2 only) ^{11, 23}	DSST Sandstone-textured	L/LP Less lamp
DC12 Emergency circuit 12V; 35W lamp included ^{9, 11}	DNAT Natural aluminum-textured	
2DC12 Emergency circuit 12V; two 35W lamps included ^{9, 11}	DWHG White-textured	
DC2012 Emergency circuit 12V; 20W lamp included ^{9, 11}	DBLB Black-textured	
2DC2012 Emergency circuit 12V; two 20W lamps included ^{9, 11}	DDB Dark bronze	
PE Photoelectric cell - button type ²⁴	DNA Natural aluminum	
HS House-side shield ²⁵	CRT Non-stick protective coating (black)	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

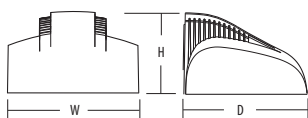
CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
ASW1	70S, 100S, 150S	SR2, SR3, SR4SC, GZ
ASW1	26TRT, 2/32TRT, 2/42TRT	SR3
ASW1	32TRT, 42TRT, 57TRT, 70TRT	SR2, SR3, SR4SC
ASW1	70M, 70MHC, 100M, 100MHC, 150M, 150MHC, 175M	SR2, SR3, SR4SC, GZ, SP
ASW2	175M, 200M, 250M, 320M, 350M, 400M	SR2, SR3, SR4SC, SR4W, SP
ASW2	200S, 250S, 400S	SR2, SR3, SR4SC, SR4W

LAMP/FIXTURE DATA			
LAMP TYPE	CIRCUIT TYPE	LAMP SHAPE	BASE
70S, 100S, 150S	HX-HPF	E17	Medium
250S, 400S	CWA	ET18	Mogul
70M, 100M, 150M, 70MHC, 100MHC, 150MHC	HX-HPF	E17	Medium
175M, 175MHC	CWA	E17	Medium
250M, 250MHC	CWA	BT28	Mogul
400M, 400MHC	CWA	ED28	Mogul
26DTT	Electronic, HPF	T4	G24Q-3
32TRT	Electronic, HPF	T4	GX24Q-3
42TRT	Electronic, HPF	T4	GX24Q-4
57TRT	Electronic, HPF	T4	GX24Q-5
70DTT	Electronic, HPF	T4	GX24Q-6

Notes

- Specify lamp type and distribution. See Configurations table.
- Not available with SCWA.
- Not available with 480V.
- Not available ASW1 SCWA.
- Must be ordered with SCWA.
- Not applicable with L/LP.
- Available with SR3 only.
- HS Option available.
- DC options and GZ cannot be ordered together (ASW1 only).
- Not available with compact fluorescent.
- EC, QRS, QRSTD, DC options or SP cannot be ordered together.
- Not available with HPS.
- Must specify CWI for use in Canada
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ship as 120/347V.
- Optional multi-volt electronic ballast (compact fluorescent only) capable of operating on any line voltage between 120V and 277V.
- Consult factory for available wattages.
- May be ordered as accessory.
- Must specify finish.
- Prefix with fixture name and size (e.g., ASW2VG) when ordered as accessory.
- Available for compact fluorescent units only; not available with 2/32TRT, 2/42TRT, 57TRT or 70TRT.
- Battery pack (not included) to be mounted external to luminaire. Pilot light/test switch mounting plate included. 32°F min. operating temperature.
- Not available with 2/42TRT.
- Maximum allowable wattage lamp included.
- Must be ordered with fixture; cannot be field installed. Not available 347V, 480V, or TB.
- Only available with SR2 & SR3; SR4W (size 2 only).

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	ASW1	ASW2
Width:	15 (38.1)	20-1/4 (51.4)
Depth:	13-3/4 (34.9)	18-3/4 (47.6)
Height:	9-1/4 (25.5)	12-1/2 (31.8)
Weight:	35 lbs (15.9 kg)	49 lbs (22.2 kg)

Intended Use

For building- and wall-mounted applications.

Features

- Designed to replace 100-250W MH luminaires while saving up to 65% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

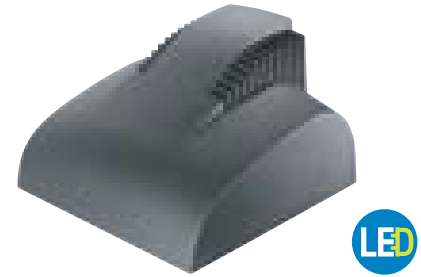
- An integral heat sink channels heat away from the LEDs, minimizing internal temperatures while maximizing LED life and performance
- Housing is die-cast aluminum with a tempered glass lens that is sealed with a closed-cell silicone gasket

Listings

CSA Certified to U.S. and Canadian standards. Luminaire is IP65 rated. US. Patent No. D500,569. Canada patent No. 107561. DesignLights Consortium® qualified product.

ASW1 LED

LED Wall Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

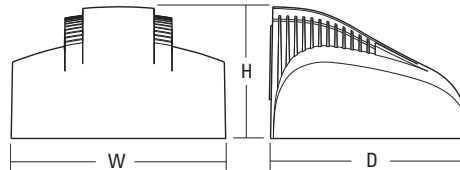
Example: ASW1 LED1 63B350/40K MVOLT DDBTXD

Series	Light engines	Performance package ¹	Distribution	Voltage	Mounting
ASW1 LED	1 One engine (49 or 63 LEDs)	350 mA options: 49B350/30K 3000K 49B350/40K 4000K 49B350/50K 5000K 63B350/30K 3000K 63B350/50K 5000K	530 mA options: 63B530/30K 3000K 63B530/40K 4000K 63B530/50K 5000K	SR2 Type II SR3 Type III SR4 Type IV MVOLT ² 120 ² 208 ² 240 ^{2A} 277 ² 347 480	Shipped included (blank) Surface mount Shipped separately BBW Surface mounted back box (for conduit)
Options		Finish		Accessories: Order Separately	
Shipped installed		BL30 Switch dimming, 30% ⁸	DDBXD Dark bronze	DDBTXD Textured dark bronze	ASW1BBW DDBXD U Back box accessory (specify finish)
SF	Single fuse (120V, 277V, 347V) ⁴	BL50 Switch dimming, 50% ⁸	DBLXD Black	DBLBXD Textured black	ASW1WG U Wire guard accessory
DF	Double fuse (208V, 240V, 480V) ⁴	Shipped separately	DNAXD Natural aluminum	DNATXD Textured natural aluminum	ASW1VG U Vandal guard accessory
PE	Photoelectric cell, button type ^{5,6}	VG Vandal guard	DWHXD White	DWHGXD Textured white	
DMG	0-10V dimming driver (no controls) ⁷	WG Wire guard			
DFL	Diffusing lens				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
WIDTH	DEPTH	HEIGHT	WEIGHT (max)
15" (38.1 cm)	13-3/4" (34.9 cm)	9-1/4" (25.5 cm)	34 lbs (15.4 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Configured with 4000K (/40K) provides the shortest lead times. Consult factory for 3000K (/30K) and 5000K (/50K) lead times.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 voltage options only when ordering with fusing (SF, DF options) or photocontrol (PE option).
- Also available as a separate accessory; see Accessories information.
- Single fuse (SF) requires 120 or 277 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option.
- Must be ordered with fixture; cannot be field installed.
- Not available with 347V or 480V.
- Requires an additional switched line. Dimming driver standard. MVOLT only.

WST
WSR
WSQ



Intended Use

For building- and wall-mounted applications.

Features

- Housing is die-cast aluminum for enhanced durability
- Includes impact-resistant, tempered-glass lens
- High-performance segmented optical reflector provides uniformity and control

- Meets IES full cutoff criteria
- All ballasts are 100% factory tested
- Universal mounting plate with integral bubble level allows for one-person installation

Listings

UL Listed suitable for wet locations (damp location listed in lens-up orientation). CSA Certified (see Options). IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

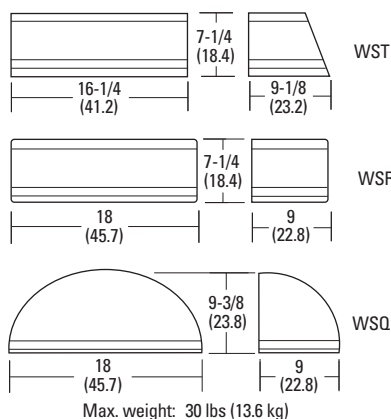
Example: WST 100M FT 120 PE LPI

Series		Lamp type ¹			Distribution		Voltage	Ballast		Mounting	
WSQ	Quarter sphere	High pressure sodium ¹	70M ^{1,3}	150MHC	Downlight distribution		120	(blank)	Magnetic ballast	Shipped installed	
		35S ²	100M ¹	Compact fluorescent ^{*1,6}	FT	Forward throw	208 ¹⁰	CWI	Constant wattage solated ¹³	(blank)	Mounting plate 277V, 347V
WSR	Half round	50S	150M		MD	Medium throw	240 ¹⁰				
WST	Trapezoid	70S	175M ⁴	26DTT	WT	Wide throw	277	SCWA	Super CWA ballast	Shipped separately ^{14,15}	
		100S		2/26DTT	Up/Down distribution ^{7,8}		347			BBW	Surface-mounted back box ¹⁶
		150S		32TRT	FTU	Forward throw with 10% uplight	480 ¹⁰				
		Metal halide	50MHC ^{1,3}	2/32TRT	MDU	Medium throw with 10% uplight	TB ¹¹			UT5	Uptilt 5 degrees bracket ¹⁷
		Metal halide	70MHC ^{1,3}	42TRT	MDU5	50% Up/down medium throw	MVOLT ¹²				
		50M ^{1,3}	100MHC ¹	2/42TRT	WTU	Wide throw with 10% uplight ⁹	23050HZ ¹³				
Options								Finish ¹⁰		Lamped	
Shipped installed			QRS	Quartz restrike system ^{20,24}	PE	Photoelectric cell-button type ^{19,27}	(blank)	Dark bronze, textured (std.)	LPI	Lamp included	
SF	Single fuse, 120V, 277V, 347V	ELED	LED emergency single ^{20,25}	DFL	Diffusing lens	DNAT	Natural aluminum-textured	L/LP	Less lamp		
DF	Double fuse, 208V, 240V, 480V	2ELED	LED emergency double ^{20,25}	IBS	Internal backlight shield ²⁸	DWHG	White-textured				
GMF	Internal slow-blow fusing ¹⁸	DC12	Emergency circuit 12V; 35W lamp included ^{20,26}	UCS	Uplight component shield ²⁹	DBLB	Black-textured				
ELDW	Bodine emergency battery pack ^{18,19,20,21}	2DC12	Emergency circuit 12V; two 35W lamps included ^{20,26}	WLU	Wet location door for up orientation	CRT	Non-stick protective coating (black)				
ELDWR	Fixture wired ready for PS1400 or PSDL battery pack ^{18,19,20,22,23}			CSA	Meets Canadian standards						
ELDWRPS	Fixture wired ready for PS1400 or PSDL battery pack ^{18,19,20,22,23}	DC2012	Emergency circuit 12V; 20W lamp included ^{20,26}	NOM	Meets Mexican standards (consult factory)						
EC	Emergency circuit ^{20,24}	2DC2012	Emergency circuit 12V; two 20W lamps included ^{20,26}	INTL	International shipment for 175M						
					Shipped separately ^{14,30}						
				VG	Vandal guard						

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- | | | | |
|----|--|----|---|
| 1 | Not available with SCWA. | 16 | Order as WSBBW for accessory. |
| 2 | 120V only. | 17 | Order as WSUT5 for accessory. |
| 3 | Not available with 480V. | 18 | Available for compact fluorescent units only. |
| 4 | Not available with SCWA. Requires CSA, NOM, or INTL. | 19 | Must specify voltage. |
| 5 | Not applicable with L/LP. | 20 | Only one emergency option available per fixture. |
| 6 | Only available with MD, MDU and MDU5 distributions. | 21 | Not available with 2/32TRT or 2/42TRT. |
| 7 | Available on WSR fixture only. | 22 | Battery pack (not included) to be mounted external to luminaire. Pilot light/ test switch mounting plate included. 32°F min. operating temperature. |
| 8 | Must be ordered with fixture; no field modifications. | 23 | Not available 2/42TRT. |
| 9 | Colored uplight lens available. See www.lithonia.com . Only available with WTU distribution. | 24 | Maximum allowable wattage lamp included. |
| 10 | Must specify CWI for use in Canada. | 25 | Available 120V or 277V only. Maximum wattage 100M or 70S. |
| 11 | Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V. | 26 | Not available with fusing. |
| 12 | Optional multi-volt electronic ballast (compact fluorescent only) capable of operating on any line voltage from 120V-277V. | 27 | Not available 347V, 480V, or TB. |
| 13 | Consult factory for available wattages. | 28 | Not available with medium throw. |
| 14 | May be ordered as an accessory. | 29 | For WSR, inverted orientation, with FTU and WTU distributions only. |
| | | 30 | Prefix with fixture name (e.g., WSRVG) for accessory. WSQ ships same as WSR. |
| | | 31 | For medium throw distribution, lamp is coated. |

Intended Use

For building- and wall-mounted applications.

Features

- Housing is die-cast aluminum for enhanced durability
- Includes impact-resistant, tempered-glass lens
- High-performance segmented optical reflector provides uniformity and control

- Meets IES full cutoff criteria
- All ballasts are 100% factory tested
- Universal mounting plate with integral bubble level allows for one-person installation

Listings

UL Listed suitable for wet locations (damp location listed in lens-up orientation). CSA Certified (see Options). IP65 rated.

MRW

Omero™

**ORDERING INFORMATION**

Specifications subject to change.

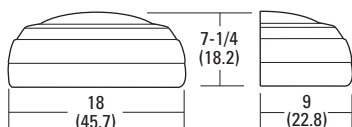
Example: MRW 100M FT TB LPI

Series	Lamp type ¹				Distribution	Voltage	Ballast	Mounting	Options
MRW	High pressure sodium ¹	Metal halide	Metal halide ceramic ⁵	Compact fluorescent ¹	FT Forward throw	120	(blank) Magnetic ballast	Shipped installed	Shipped installed
	35S ²	50M ^{1,3}	50MHC ^{1,3}	26DTT	MD Medium throw	208 ⁶	CWI Constant wattage isolated ⁹	(blank) Mounting plate	SF Single fuse, 120V, 277V, 347V
	50S	70M ^{1,3}	70MHC ^{1,3}	2/26DTT	WT Wide throw	240 ⁶	SCWA Super CWA ballast ¹⁰	Shipped separately ^{11,12}	DF Double fuse, 208V, 240V, 480V
	70S	100M ¹	100MHC ¹	26TRT		277		BBW Surface-mounted back box ¹³	ELDW Bodine emergency battery pack ^{15,16,17}
	100S	150M	150MH	2/26TRT		347		UTS Uptilt 5 degrees bracket ¹⁴	ELDWR Fixture wired ready for Bodine B30 battery pack ^{15,16,18}
	150S	175M		2/32TRT		480 ⁶			ELDWRPS Fixture wired ready for PS1400 or PSDL battery pack ^{15,16,18,19}
				32TRT		TB ⁷			EC Emergency circuit ^{16,20}
				2/32TRT		MVOLT ⁸			QRS Quartz restrike system ^{16,20}
						23050HZ ⁹			
Options (continued)					Finish			Lamped	
ELED	LED emergency single ^{16,21,22}	DLF	Diffusing lens	(blank)	Dark bronze, textured	Super Durable Finishes	LPI	Lamp included ²⁷	
2ELED	LED emergency double ^{16,21,22}	IBS	Internal backlight shield ²⁵	DSST	Sandstone- textured	DBBXD	Dark bronze	L/LP	Less lamp
DC12	Emergency circuit 12V; 35W lamp included ^{16,23}	WLU	Wet location door for up orientation	DNAT	Natural aluminum- textured	DBLXD	Black		
2DC12	Emergency circuit 12V; two 35W lamps included ^{16,23}	CSA	Meets Canadian standards	DWHG	White-textured	DNAXD	Natural aluminum		
DC2012	Emergency circuit 12V; 20W lamp included ^{16,23}	NOM	Meets Mexican standards (consult factory)	DBLB	Black-textured	DWHXD	White		
2DC2012	Emergency circuit 12V; two 20W lamps included ^{16,23}	INTL	International shipment for 175M	DDB	Dark bronze	DBBTXD	Textured dark bronze		
PE	Photoelectric cell - button type ²⁴	INTL	International shipment for 175M	CRT	Non-stick protective coating (black)	DBLBXD	Textured black		
		Shipped separately ^{11,26}				DNATXD	Textured natural aluminum		
		VG Vandal guard				DWHGXD	Textured white		
		WG Wire guard							

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Weight: 35 lbs (15.9 kg)

Notes

- Not available with SCWA.
- 120V, NPF only.
- Not available with 480V.
- Not available with SCWA. Requires CSA, NOM, or INTL.
- Not applicable with L/LP.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V); (120, 277, 347V in Canada; ships as 120V/347V).
- Optional multi-volt electronic ballast (compact fluorescent only) capable of operating any line voltage from 120V-277V.
- Consult factory for available wattages.
- Only available with 150M or 150MHC.
- May be ordered as an accessory.
- Must specify finish.
- Order WSBW when needed as an accessory.
- Order WSUTS when needed as an accessory.

- Available for compact fluorescent units only. Must specify voltage.
- Only one emergency option available per fixture.
- Not available with 2/32TRT or 2/42TRT.
- Battery pack (not included) to be mounted external to luminaire. Pilot light/test switch mounting plate included. 32°F min. operating temperature.
- Not available with 2/42TRT.
- Maximum allowable wattage lamp included.
- Available in 120V or 277V only.
- Maximum wattage 100M or 70S.
- Not available with fusing.
- Must be ordered with fixture; cannot be field installed. Not available 347V, 480V, or TB.
- Not available with medium throw.
- Prefix with fixture name and size (e.g., MRWVG).
- For medium throw distribution, lamp is coated.

WST LED WSR LED WSQ LED

Architectural Wall Sconce



Intended Use

For building-and wall-mounted applications.

Features

- Designed to replace up to 175W MH luminaire while saving up to 75% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- An optional integral emergency battery backup eliminates the need for a bulky back box while still providing the benefits of emergency illumination
- User-friendly mounting bracket features an embedded bubble level for easy positioning while support rods hold

the weight of the luminaire so wiring can be done quickly and easily

- Capable of inverted mounting, the luminaire can be positioned to provide upward illumination on a building's façade
- An optional occupancy sensor allows the luminaire to dim and save more energy while the area is unoccupied

Listings

UL Listed suitable for wet locations (damp location listed in lens-up orientation). CSA Certified (see Options). IP65 rated. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: WST LED 2 10A700/40K SR3 MVOLT DDBTXD

Series	Light engines	Performance package	Distribution	Voltage	Mounting
WST LED	1 One engine (10 LEDs)	700 mA options:	SR2 Type II	MVOLT ¹	<u>Shipped included</u>
WSR LED	2 Two engines (20 LEDs)	10A700/30K 3000K	SR3 Type III	120 ¹	(blank) Surface mount
WSQ LED		10A700/40K 4000K	SR4 Type IV	208 ¹	<u>Shipped separately</u> ²
		10A700/50K 5000K		240 ¹	BBW Surface-mounted back box
				277 ¹	UTS Uptilt 5 degrees
				347 ¹	
				480	

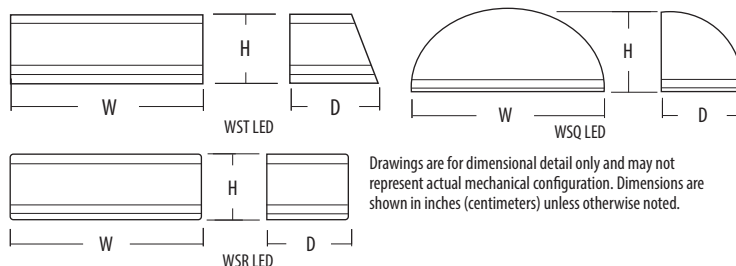
Options³

Shipped installed		Shipped separately		Finish			
PE	Photoelectric cell, button type ^{4,5}	WLU	Wet location door for up orientation	DDBXD	Dark bronze	DDBTXD	Textured dark bronze
SF	Single fuse (120, 277, 347V) ⁴	PIR	Motion/ambient light sensor ⁷	DBLXD	Black	DBLBXD	Textured black
DF	Double fuse (208, 240, 480V) ⁴	VG	Vandal guard	DNAXD	Natural aluminum	DNATXD	Textured natural aluminum
DMG	0-10V dimming driver (no controls)	WG	Wire guard	DWHXD	White	DWHGXD	Textured white
ELCW	Emergency battery backup ⁶			DSSXD	Sandstone	DSSTXD	Textured sandstone

ADDITIONAL INFORMATION

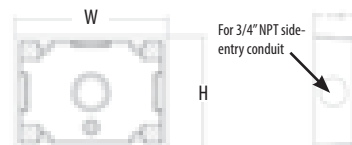
For additional product information, visit www.lithonia.com.

SPECIFICATIONS				
SERIES	HEIGHT	WIDTH	DEPTH	WEIGHT
WST LED	7-1/4" (18.4 cm)	16-1/4" (41.3 cm)	9" (22.8 cm)	17 lbs (7.7 kg)
WSR LED	7-1/4" (18.4 cm)	16-1/4" (41.3 cm)	9" (22.8 cm)	17 lbs (7.7 kg)
WSQ LED	7-1/4" (18.4 cm)	16-1/4" (41.3 cm)	9-1/8" (23.2 cm)	17 lbs (7.7 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

OPTIONAL BACK BOX (BBW)		
HEIGHT	WIDTH	DEPTH
4" (10.2 cm)	5-1/2" (14.0 cm)	1-1/2" (3.8 cm)



Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with photocell (PE option) or fusing (SF, DF options).
- May also be ordered separately as an accessory. Ex: WSBBW DDBXD U. Must specify finish.
- Must be ordered with fixture; cannot be field installed.
- Not available with MVOLT option. Button photocell (PE) can be ordered with a dedicated voltage option. Single fuse (SF) requires 120,

277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

- Not available with 480V option. Not available with motion/ambient light sensor (PIR).
- Integral battery pack is rated for -20° to 60°C operating temperature. ELCW warranty is 3 year period. Not available with 347V or 480V.
- Specifies the Sensor Switch SFD-7-ODP control (photocell included); see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with WLU, VG or WG.

Intended Use

For building- and wall-mounted applications.

Features

- Designed to replace up to 175W MH luminaire while saving up to 75% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- An optional integral emergency battery backup eliminates the need for a bulky back box while still providing the benefits of emergency illumination
- User-friendly mounting bracket features an embedded bubble level for easy positioning while support rods hold

the weight of the luminaire so wiring can be done quickly and easily

- Capable of inverted mounting, the luminaire can be positioned to provide upward illumination on a building's façade
- An optional occupancy sensor allows the luminaire to dim and save more energy while the area is unoccupied

Listings

UL Listed suitable for wet locations (damp location listed in lens-up orientation). CSA Certified (see Options). IP65 rated. DesignLights Consortium® qualified product.

MRW LED

Architectural Wall Sconce

**ORDERING INFORMATION**

Specifications subject to change.

Example: MRW LED 2 10A700/40K SR3 MVOLT DDBTXD

Series	Light engines	Performance package	Distribution	Voltage	Mounting
MRW LED	1 One engine (10 LEDs)	<u>700 mA options:</u>	SR2 Type II	MVOLT ¹	<u>Shipped included</u>
	2 Two engines (20 LEDs)	10A700/30K 3000K	SR3 Type III	120 ¹	(blank) Surface mount
		10A700/40K 4000K	SR4 Type IV	208 ¹	<u>Shipped separately</u> ²
		10A700/50K 5000K		240 ¹	BBW Surface-mounted back box
				277 ¹	UT5 Uptilt 5 degrees
				347 ¹	
				480	
Options ³			Finish		
<u>Shipped installed</u>			<u>Shipped separately</u>		
PE	Photoelectric cell, button type ^{4,5}	VG Vandal guard	DDBXD	Dark bronze	DDBTXD Textured dark bronze
SF	Single fuse (120, 277, 347V) ⁴	WG Wire guard	DBLXD	Black	DBLBXD Textured black
DF	Double fuse (208, 240, 480V) ⁴		DNAXD	Natural aluminum	DNATXD Textured natural aluminum
DMG	0-10V dimming driver (no controls)		DWHXD	White	DWHGXD Textured white
ELCW	Emergency battery backup ⁶		DSSXD	Sandstone	DSSTXD Textured sandstone
WLU	Wet location door for up orientation				
PIR	Motion/ambient light sensor ⁷				

ADDITIONAL INFORMATION

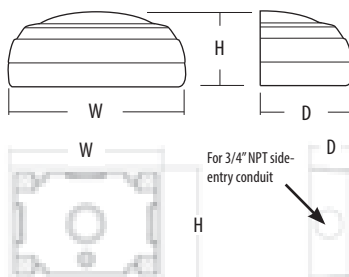
For additional product information, visit www.lithonia.com.

SPECIFICATIONS

HEIGHT	WIDTH	DEPTH	WEIGHT
7-1/4" (18.4 cm)	18" (45.7 cm)	9" (22.8 cm)	18 lbs (8.2 kg)

OPTIONAL BACK BOX (BBW)

HEIGHT	WIDTH	DEPTH
4" (10.2 cm)	5-1/2" (14.0 cm)	1-1/2" (3.8 cm)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with photocell (PE option) or fusing (SF, DF options).
- May also be ordered separately as an accessory. Ex: WSBW DDBXD U. Must specify finish.
- Must be ordered with fixture; cannot be field installed.
- Not available with MVOLT option. Button photocell (PE) can be ordered with a dedicated voltage option. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

- Not available with 480V option. Not available with motion/ambient light sensor (PIR).
- Integral battery pack is rated for -20° to 60°C operating temperature. ELCW warranty is 3 year period. Not available with 347V or 480V.
- Specifies the Sensor Switch SFD-7-ODP control (photocell included); see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with WLU, VG or WG.

PRODUCT INFORMATION

WSTM

**Intended Use**

For building- and wall-mounted applications.

Features

- Housing is die-cast aluminum for enhanced durability
- Includes impact-resistant, tempered-glass lens
- High-performance segmented optical reflector provides uniformity and control
- Meets IES full cutoff criteria
- All ballasts are 100% factory tested

- Smaller housing is ideal for use over doorways

- Simple mounting configuration only requires a universal junction box to surface mount

Listings

Listed and labeled to UL standards. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). IP65 rated. Wet location listed.

ORDERING INFORMATION

Specifications subject to change.

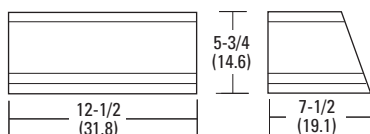
Example: WSTM 70M MD 120 PE LPI

Series	Lamp type			Distribution		Voltage	Ballast		Mounting	Options		
WSTM	High pressure sodium	Metal halide	Compact fluorescent	MD	Medium throw	120	(blank)	Magnetic ballast	Shipped installed	Shipped installed		
	35S ¹	50M	26DTT			208 ³	CWI	Constant wattage isolated ⁶	(blank)	Mounting plate	SF	Single fuse, 120V, 277V, 347V
	50S	70M	26DTR			240 ³			Shipped separately	DF	Double fuse, 208V, 240V	
	70S	Metal halide ceramic ²	26TRT			277			UTS	Uptilt 5 degrees bracket ⁷	GMF	Internal slow-blow fusing ⁸
		50MHC	32TRT			347					GMF	Internal slow-blow fusing ⁸
		70MHC	42TRT			TB ⁴					EC	Emergency circuit ⁹
						MVOLT ⁵				DC12	Emergency circuit 12V; 35W lamp included ^{10, 11}	
						23050HZ ⁶					DC2012	Emergency circuit 12V; 20W lamp included ^{10, 11}
Options (continued)									Finish		Lamped	
QRS	Quartz restrike system ⁹			CSA	Meets Canadian standards		(blank)	Dark bronze, textured		LPI	Lamp included ¹⁴	
QRSTD	QRS time delay (ASW2 only) ⁹			NOM	Meets Mexican standards (consult factory)		DSST	Sandstone-textured		L/LP	Less lamp	
DC12	Emergency circuit 12V; 35W lamp included ^{10, 11}			INTL	Available for MH probe start shipping outside the U.S.		DNAT	Natural aluminum-textured				
2DC12	Emergency circuit 12V; two 35W lamps included ^{10, 11}			Shipped separately ¹²			DWHG	White-textured				
DC2012	Emergency circuit 12V; 20W lamp included ^{10, 11}			VG	Vandal guard		DBLB	Black-textured				
2DC2012	Emergency circuit 12V; two 20W lamps included ^{10, 11}			WG	Wire guard		DDB	Dark bronze				
PE	Photoelectric cell - button type ^{12, 13}						DNA	Natural aluminum				
HS	House-side shield						CRT	Non-stick protective coating (black)				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Max. weight: 14 lbs. (6.35 kg)

Notes

- 1 120V only.
- 2 Not applicable with L/LP.
- 3 Must specify CWI for use in Canada.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 5 Multi-volt electronic ballast (compact fluorescent only) capable of operating on any line voltage between 120V and 277V.
- 6 Consult factory for available wattages.
- 7 May be ordered as an accessory. Must specify finish. Order as WSUT5.
- 8 CFL only. Must specify voltage. Not available with MVOLT.
- 9 Maximum wattage lamp included.
- 10 Available for HID only.
- 11 Not available with SF or DF.
- 12 Must be ordered with fixture; cannot be field installed.
- 13 Not available in 347V or TB.
- 14 For medium throw distribution, lamp is coated.

Intended Use

The classic architectural shape of the WSTM LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long-life LEDs make the luminaire nearly maintenance-free.

Features

- Designed to replace up to a 100W MH luminaire while saving up to 87% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources



- Diffuse lens reduces glare and provides comfortable illumination
- Simple mounting configuration only requires a universal junction box to surface mount

Listings

CSA Certified to U.S. standards. Luminaire is IP65 rated and suitable for wet locations when mounted with the lens down. Rated for -30°C minimum ambient. DesignLights Consortium® qualified product.

WSTM LED

LED Mini Wall Sconce

**ORDERING INFORMATION**

Specifications subject to change.

Example: WSTM LED 2A 40K 120 DDBTXD

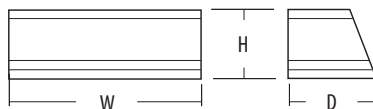
Series	LEDs	Color temperature	Voltage	Mounting	Control options
WSTM LED	1A One engine 2A Two engines	30K 3000K 40K 4000K	120	<u>Shipped included</u> (blank) Surface mount <u>Shipped separately</u> ¹ UT5 Uptilt 5 degrees bracket	<u>Shipped installed</u> PE Photoelectric cell-button type
Other options		Finish		Accessories: Order Separately	
<u>Shipped installed</u> (blank) Diffusing glass lens CGL Clear glass lens <u>Shipped separately</u> ¹ WG Wire guard		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone		WSTMUT5 DDBXD U 5 degree uptilt accessory (specify finish) WSTMWG U Wire guard accessory	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

SPECIFICATIONS			
HEIGHT	WIDTH	DEPTH	WEIGHT
5-3/4" (14.6 cm)	12-1/2" (31.8 cm)	7-1/2" (19.1 cm)	6 lbs (2.7 kg)

**Notes**

¹ Also available as a separate accessory; see Accessories.

PRODUCT INFORMATION

LED STEPLIGHTS

LED Step Light



Intended Use
Provides years of maintenance-free illumination for outdoor use in residential and commercial applications. Ideal for applications such as lighting walkways, stairways, and entryways.

- Features**
- Designed to replace up to a 13W compact fluorescent luminaire while saving up to 30% in energy
 - LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Mounts to recessed junction box
- Low profile design meets ADA requirements

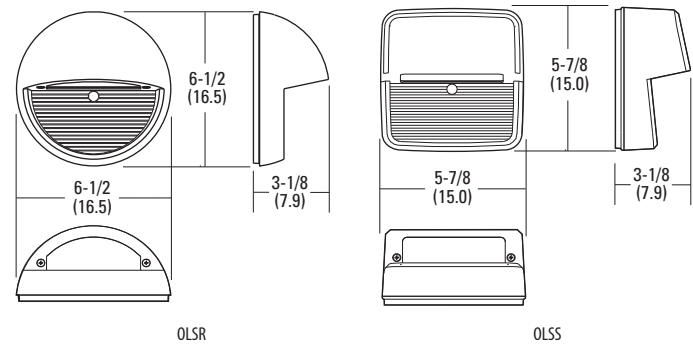
Listings
UL Certified to U.S. and Canadian safety standards for wet locations.



ORDERING INFORMATION		Specifications subject to change.		Example: OLSS DDB	
Series		Color temperature (CCT) ¹	Voltage	Finish	
OLSR	Step light round	(blank) 4000K	(blank) MVOLT (120V-277V)	DDB	Dark bronze
OLSS	Step light square			WH	White

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes
1 Corrected color temperature (CCT) shown is nominal per ANSI C78, 377-2008.

OLW
LED Wall Pack

Intended Use

Provides years of maintenance-free general illumination for outdoor use in commercial applications such as retail, education, multi-unit housing and storage. Ideal for lighting building facades, parking areas, walkways, garages, loading areas and any other outdoor space requiring reliable safety and security.

Features

- The OLW14 is designed to replace up to a 175W MH luminaire while saving up to 85% in energy and the OLW 23 & 31 are designed to replace up to a 250W MH luminaire while saving up to 82% in energy
- LEDs deliver an expected service life of 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- OLW14 has Type 5 distribution for general security lighting

- OLW 23 & OLW 31 have a Type 3 distribution ideal for perimeter lighting
- OLW14 is full cut-off with optional shield and the OLW 23 & OLW 31 are Nighttime Friendly™ full cutoff above 90° angle, standard
- Includes an integral, fully adjustable MVOLT photocell for dusk to dawn operation
- Versatile mounting options including surface-, recessed-, and mast arm-mounting (OLW 23 and OLW 31 only)

Listings

UL Certified to U.S. and Canadian safety standards for wet-location mounting higher than 4 feet off the ground. Rated for -40°C minimum ambient. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

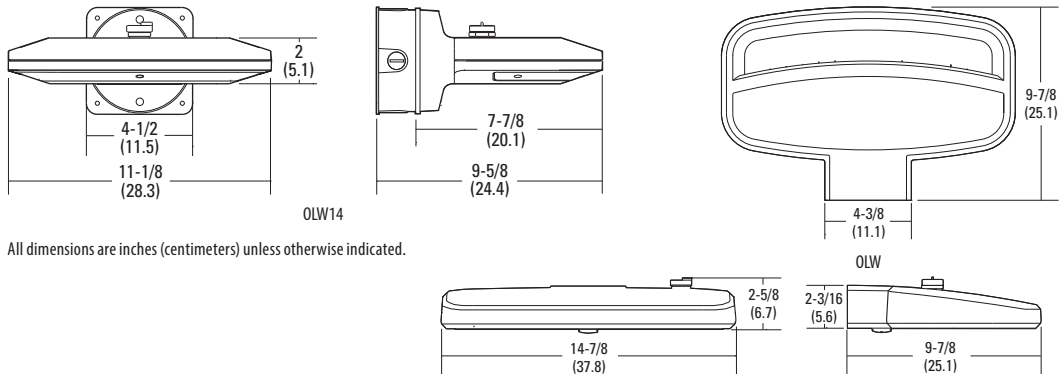
Example: OLW14

Series	Color temperature (CCT) ¹	Voltage	Control	Finish	Accessories: Order Separately
OLW14	1,490 lumen LED wall pack (blank) 5000K ¹	(blank) MVOLT (120V-277V)	(blank) MVOLT photocell included	(blank) Bronze WH White	FCOS M24 Full cutoff shield ² FCOS WH M24 Full cutoff shield, white ² OMA DDB 18 18" Aluminum mounting arm ³
OLW 23	2,716 lumen LED wall pack				
OLW 31	3,967 lumen LED wall pack				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



All dimensions are inches (centimeters) unless otherwise indicated.

Notes

- Corrected color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
- Full cut-off shield for OLW14 only.
- OMA DDB mounting arm for OLW 23/ OLW 31 only.

OLLWD OLLWU

LED Wall Cylinder Light



Intended Use

Provides years of maintenance-free illuminations for outdoor use in residential & commercial applications. Ideal for applications such as lighting walkways, stairways and entryways.

Features

- Designed to replace up to a 26W compact fluorescent luminaire while saving up to 46% in energy
- LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Available in two-light and one-light versions for increased versatility
- Mounts to recessed junction box
- One-light version can be installed as down-light or up-light

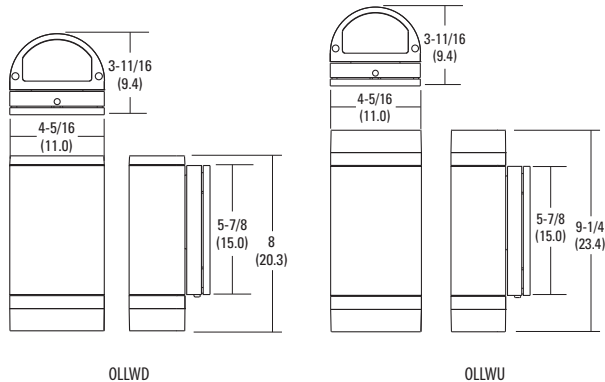
Listings

UL Certified to U.S. and Canadian safety standards for wet-location mounting higher than 4 feet off the ground. Rated for -30°C to 40°C ambient temperature.



ORDERING INFORMATION		Specifications subject to change.		Example: OLLWD DDB	
Series		Color temperature (CCT) ¹	Voltage	Finish	
OLLWD	One-light	(blank) 4000K	(blank) MVOLT (120V-277V)	DDB	Dark bronze
OLLWU	Two-light			WH	White
ADDITIONAL INFORMATION		For additional product information, visit www.lithonia.com .			

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes
1 Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

Intended Use

The OLCS provides years of maintenance-free general illumination for residential and commercial outdoor applications such as walkways, doorways/entrances, columns, and stairways.

Features

- Designed to replace over a 60W incandescent luminaire while saving up to 85% in energy
- LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Equipped with microDrive Technology, the luminaire requires no driver which significantly reduces the product's complexity while greatly extending its life
- A polycarbonate diffuser produces bright, glare-free illumination and rugged durability
- Mounts to recessed junction box

Listings

UL Certified to U.S. and Canadian safety standards for wet-location mounting higher than 4 feet off the ground. Rated for -30°C to 40°C ambient temperature.

OLCS
Outdoor LED Cast Sconce



ORDERING INFORMATION

Specifications subject to change.

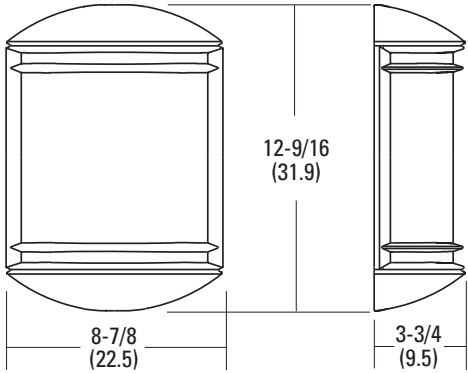
Example: OLCS 8 DDB

Series	Light engine	Color temperature (CCT) ¹	Voltage	Finish
OLCS	8	(blank) 4000K	(blank) 120V	DDB Dark bronze WH White

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

¹ Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

TWH



Intended Use

For outdoor storage areas, warehouse and factory perimeters, and loading docks. **Not recommended for applications with frequent exposure to harsh chemicals or commercial cleaning fluids (e.g., car washes)**. Installations in such environments may lead to premature failure of the luminaire and void the warranty.

Features

- Housing is die-cast aluminum for enhanced durability
- Prismatic borosilicate glass directs lumens to the target area

- Back housing separates from the front housing, eliminating weight and promoting easy installation
- All ballasts are 100% factory tested
- Simple mounting configuration requires only three bolts to secure luminaire to the structure

Listings

UL Listed (standard). CSA or NOM Certified (see Options). UL Listed for 25°C ambient and wet locations. IP65 rated (250W and below) or IP54 rated (400W).

ORDERING INFORMATION

Specifications subject to change.

Example: TWH 250S TB LPI

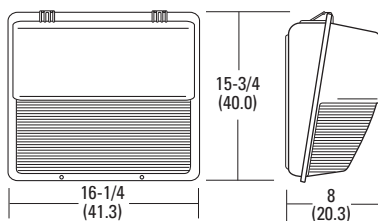
Series	Lamp type				Voltage	Ballast
TWH	High pressure sodium ¹	Metal halide	Metal halide ceramic ⁶	Induction ¹	120	(blank) Magnetic ballast
	70S	70M ^{1,2}	70MHC ^{1,2}	70IL	208 ⁹	CWI Constant wattage isolated ¹²
	100S	100M ¹	100MHC ¹	100IL	240 ⁹	SCWA Super CWA ballast
	150S	150M	150MHC	Low pressure sodium ^{1,7}	277	
	200S	175M ³	Compact fluorescent ¹	35L	347	
	250S	200M ⁴	2/26DTT	Incandescent ^{1,8}	480 ⁹	
	400S	250M	2/26TRT	300I	TB ¹⁰	
		320M ^{4,5}	2/32TRT		MVOLT ¹¹	
		350M ^{4,5}	2/42TRT		23050HZ ¹²	
		400M ⁵				

Options				Finish		Lamped	
Shipped installed		PE	Photoelectric cell - button type ¹⁴	Shipped separately ¹⁶		LPI	Lamp included ¹⁷
SF	Single fuse, 120V, 277V, 347V	PER	NEMA twist-lock receptacle only ¹⁵	VG	Vandal guard	L/LP	Less lamp
DF	Double fuse, 208V, 240V, 480V	FS	Full shield	WG	Wire guard		
GMF	Internal slow-blow fusing	TP	Tamperproof fasteners				
EC	Emergency circuit ¹³	CSA	Meets Canadian standards				
QRS	Quartz restrike system ¹³	NOM	Meets Mexican standards (consult factory)				
QRSTD	QRS time delay ¹³	INTL	Available for MH probe start shipping outside the U.S.				
				(blank)	Dark bronze		
				DWH	White		
				DBL	Black		
				DMB	Medium bronze		
				DNA	Natural aluminum		
				CRT	Non-stick protective coating (black)		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA			
LAMP TYPE	CIRCUIT	LAMP SHAPE	BASE
70S	HX-HPF	E17	Medium
100S	HX-HPF	E17	Medium
150S	HX-HPF	E17	Medium
250S	CWA	BT28	Mogul
400S	CWA	BT28	Mogul
150M	HX-HPF	E17	Medium
175M	CWA	BT28	Mogul
250M	CWA	BT28	Mogul
400M	CWA	ED or BT28	Mogul



Weight: 26-42 lbs (11.7-19 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Not available with SCWA.
- Not available 480V.
- Universal, mogul base lamp allows TWH to be available with SCWA.
- Must be ordered with SCWA.
- Requires ED or BT 28 reduced jacket lamp.
- Not applicable with L/LP.
- Not available TB.
- 120V only, A21 lamp (not included).
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.

- Optional multi-volt electronic ballast (for compact fluorescent or induction wattages only) capable of operating on any line voltage from 120V-277V.
- Consult factory for available wattages.
- Maximum allowable wattage lamp included.
- Must be ordered with fixture; cannot be field installed. Not available with 347, 480 or TB.
- Photocell not included.
- May be ordered as accessory. Prefix with fixture name (e.g., TWHWG).
- Not available with incandescent.

Intended Use

The energy savings, long life and easy-to-install design of the TWH LED make it smart choice for building-mounted doorway and pathway illumination for nearly any facility.

Features

- Designed to replace 175-400W MH luminaire while saving up to 77% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- LED optics focus light on the luminaire's prismatic borosilicate lens which delivers a larger percentage of light to the target area



- An integral heat sink channels heat away from the LEDs, minimizing internal temperatures while maximizing LED life and performance
- Simple mounting configuration requires only three bolts to secure the luminaire to the structure

Listings

CSA Certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

TWH LED

LED Wall Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

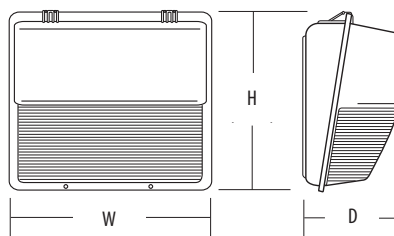
Example: TWH LED 30C 1000 50K T3M MVOLT DDBXD

Series	Performance package		Distribution		Voltage	Control options
TWH LED	<u>LEDs</u>	<u>Color temperature</u>	T3M	Type III Medium	MVOLT ¹	<u>Shipped installed</u>
	10C 10 LEDs (one engine)	50K 5000K (standard)			120 ¹	DMG 0-10V dimming driver (no controls)
	20C 20 LEDs (two engines)	40K 4000K (optional)			208 ¹	PER NEMA twist-lock receptacle only (no controls)
	30C 30 LEDs (one engine)				240 ¹	PE Photoelectric cell, button type ³
					277 ¹	
	<u>Drive current</u>				347 ²	<u>Shipped separately</u>
	1000 1000 mA (1 A)				480 ²	SC Shorting cap
Other options			Finish		Accessories: Order Separately	
<u>Shipped installed</u>			<u>Shipped separately</u>			
SF	Single fuse (120V, 277V, 347V) ⁴	VG Vandal guard ⁵	DDBXD	Dark bronze	DSS124F 1.5 TJJE U	Photocell-SSL twist-lock (120-277V) ⁶
DF	Double fuse (208V, 240V, 480V) ⁴	WG Wire guard ⁵	DBLXD	Black	DLL347 1.5 CUL JU	Photocell-SSL twist-lock (34V) ⁶
TP	Tampered proof screws		DNAXD	Natural aluminum	DLL480 1.5 CUL JU	Photocell-SSL twist-lock (480V) ⁶
NOM	NOM Certified		DWHXD	White	SC U	Shorting cap ⁶
SPD	Separate surge protection		DDBTXD	Textured dark bronze	TWHVG U	Vandal guard accessory ⁷
			DBLBXD	Textured Black	TWHWG U	Wire guard accessory ⁷
			DNATXD	Textured natural aluminum	For more information, visit DTL and ROM online.	
			DWHGXD	Textured white		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
WIDTH	HEIGHT	DEPTH	WEIGHT
16-1/4" (41.3 cm)	15-3/4" (40.0 cm)	8" (20.3 cm)	28 lbs (12.7 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options) or photocontrol (PE).
- Not available with 10C option.
- Must specify voltage; not available with MVOLT.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Also available as a separate accessory; see Accessories information.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.
- Requires field modification (only when ordered as a separate accessory).

TWP

**Intended Use**

For entrances, loading docks, walkways and vehicle ramps.

Not recommended for applications with frequent exposure to harsh chemicals or commercial cleaning fluids (e.g., car washes). Installations in such environments may lead to premature failure of the luminaire and void the warranty.

Features

- Rear housing is die-cast aluminum for enhanced durability
- Front housing and refractor are UV-stabilized polycarbonate to inhibit yellowing of the lens

- Back housing separates from the front housing, eliminating weight and promoting easy installation
- Polycarbonate lens provides vandal resistance for lower mounting heights
- All ballasts are 100% factory tested
- Simple mounting configuration requires only three bolts to secure luminaire to the structure

Listings

UL Listed (standard). CSA or NOM Certified (see Options).
UL Listed for 25°C ambient and wet locations. IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

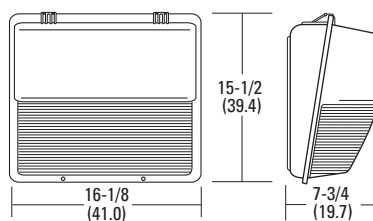
Example: TWP 150M TB LPI

Series	Lamp type				Voltage	Ballast
TWP	High pressure sodium	Metal halide	Low pressure sodium	32TRT	120	(blank) Magnetic ballast
	35S ¹	70M ^{2,3}	35L ³	2/32TRT	208 ⁷	CWI Constant wattage isolated ¹⁰
	50S	100M ²	Incandescent	42TRT	240 ⁷	SCWA Super CWA ballast ¹¹
	70S	150M	200I ⁶	2/42TRT	277	
	100S	175M ⁴	Compact fluorescent		347	
	150S	Metal halide ceramic ⁵	26DTT		480 ⁷	
		70MHC ^{2,3}	2/26DTT		TB ⁸	
		100MHC ¹	26TRT		MVOLT ⁹	
		150MHC	2/26TRT		23050HZ ¹⁰	
Options					Finish	Lamped
Shipped installed		QRSD	QRS time delay ¹⁴	INTL International shipment for 175M	(blank) Dark bronze	LPI Lamp included
SF	Single fuse, 120V, 277V, 347V	PE	Photoelectric cell - button type ¹⁵	Shipped separately ¹⁶	DWH White	L/LP Less lamp
DF	Double fuse, 208V, 240V, 480V	FS	Full shield	WG Wire guard	DBL Black	
GMF	Internal slow-blow fusing ¹²	CSA	Meets Canadian standards		DMB Medium bronze	
ELDWC	Cold-weather emergency battery pack ¹³	NOM	Meets Mexican standards (consult factory)		DSS Sandstone	
EC	Emergency circuit ¹⁴				CRT Non-stick protective coating (black)	
QRS	Quartz restrike system ¹⁴					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA			
LAMP TYPE	CIRCUIT	LAMP SHAPE	BASE
35S	RHP	E17	Medium
50S	RHP	E17	Medium
70S	XHP	E17	Medium
100S	XHP	E17	Medium
150S	XHP	E17	Medium
50M	HX-HPF	E17	Medium
70M	HX-HPF	E17	Medium
100M	HX-HPF	E17	Medium
150M	HX-HPF	E17	Medium
175M	CWA	BT28	Mogul
35L	HPF-LAG	T17	Medium



Weight: 17.9 lbs (8.1 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 120V only.
- Not available with SCWA.
- Not available with 480V.
- Not available with SCWA. Requires CSA, NOM, or INTL.
- Not applicable with L/LP.
- 120V only. A21 lamp (not included).
- Must specify CWI for use in Canada; n/a 35S or 50S.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Multi-volt electronic ballast (compact fluorescent only) capable of operating on any line voltage between 120V and 277V.
- Consult factory for available wattages.
- Only available with 150M or 150MHC.
- CFL only. Must specify voltage.
- Not available with MVOLT.
- Must specify voltage. -20°C to 55°C operation. Not available with DC or EC.
- Maximum allowable wattage lamp included.
- Not available with 347V, 480V, or TB.
- May be ordered as accessory: TWPWG.

Intended Use

The energy savings, long life and easy-to-install design of the TWP LED make it a smart choice for building-mounted doorway and pathway illumination for nearly any facility.

Not recommended for applications with frequent exposure to harsh chemicals or commercial cleaning fluids (e.g., car washes). Installations in such environments may lead to premature failure of the luminaire and void the warranty.

Features

- Designed to replace 70-250W MH luminaire while saving up to 77% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources



- LED optics focus light on the luminaire's polycarbonate lens which delivers a larger percentage of light to the target area
- An integral heat sink channels heat away from the LEDs, minimizing internal temperatures while maximizing LED life and performance
- Simple mounting configuration requires only three bolts to secure the luminaire to the structure
- Front housing and refractor are UV-stabilized polycarbonate to inhibit yellowing of the lens
- Polycarbonate lens provides vandal resistance for lower mounting heights

Listings

CSA Certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

TWP LED

LED Wall Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

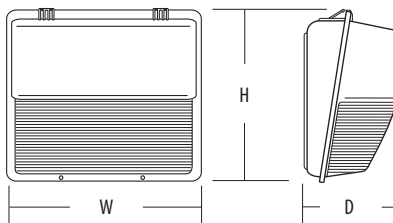
Example: TWP LED 30C 700 50K T3M MVOLT DDBXD

Series	Performance package				Distribution		Voltage	Control options	
TWP LED	<u>LEDs</u>		<u>Color temperature</u>		T3M	Type III Medium	MVOLT ¹	<u>Shipped installed</u>	
	10C	10 LEDs (one engine)	50K	5000K (standard)				DMG	0-10V dimming driver (no controls)
	20C	20 LEDs (two engines)	40K	4000K (optional)				PE	Photoelectric cell-button type ³
	30C	30 LEDs (one engine)							
	<u>Drive current</u>								
	700	700 mA (1 A)							
Other options					Finish		Accessories: Order Separately		
<u>Shipped installed</u>			<u>Shipped separately</u>		DDBXD	Dark bronze	TWPWG U	Wire guard accessory ⁶	
SF	Single fuse (120V, 277V, 347V) ⁴		WG	Wire guard ⁵	DBLXD	Black			
DF	Double fuse (208V, 240V, 480V) ⁴				DWHXD	White			
TP	Tamper proof screws				DDBTXD	Textured dark bronze			
NOM	NOM certified				DBLBXD	Textured black			
SPD	Separate surge protection ⁴				DWHGXD	Textured white			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
WIDTH	HEIGHT	DEPTH	WEIGHT
16-1/8" (41.0 cm)	15-1/2" (39.4 cm)	7-3/4" (19.7 cm)	15 lbs (6.8 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options) or photocontrol (PE).
- Not available with 10C option.
- Must specify voltage; not available with MVOLT or 480 voltage options.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Also available as a separate accessory; see Accessories information.
- Requires field modification (only when ordered as a separate accessory).

TWR1 TWR2



TWR1

TWR2

Intended Use

For mounting above entryway and loading docks. **Contact with a direct forceful spray of water during operation can result in glass breakage. Not recommended for car wash applications.**

Features

- Housing is die-cast aluminum for enhanced durability
- Prismatic borosilicate glass maximizes delivered lumens by directing them to the target area

- Back housing separates from the front housing, eliminating weight and promoting easy installation
- All ballasts are 100% factory tested

Listings

UL Listed standard to U.S. and Canadian safety standards. CSA Certified (see Options). UL/cUL Listed for wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: TWR1 150S TB LPI

Series	Lamp type		Voltage	Ballast	Options	Finish	Lamped
TWR1	High pressure sodium	Metal halide	120	(blank) Magnetic ballast	PE Photoelectric cell - button type ⁸	(blank) Dark bronze	LPI Lamp included
TWR2	70S	70M	TB ⁴	SCWA Super CWA ballast ⁷	CSA Meets Canadian standards		
	100S	100M	MVOLT ⁵		WG Wire guard ⁹		
	150S	150M	120/347 ⁶				
	250S	250M ²					
	400S	400M ²					
		Compact fluorescent					
		2/42TRT ³					

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

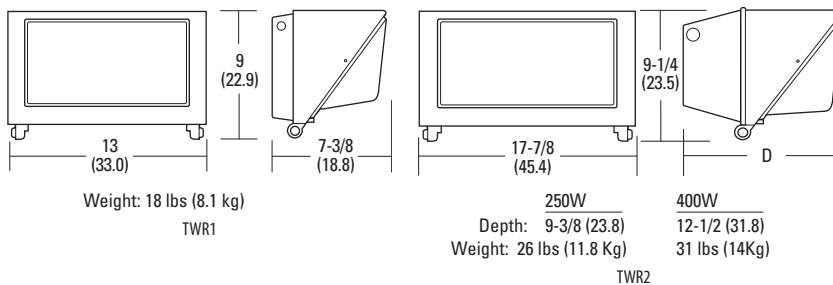
SERIES	LAMP TYPE
TWR1	70S, 70M, 100S, 100M, 150S, 150M, 2/42TRT
TWR2	250S, 250M, 400S, 400M

ACCESSORIES

ORDER SEPARATELY

TWR1WG	Wireguard
TWR2WG	Wireguard
RK1 TWR1FA	Lens repair kit
RK1 TWR2FA	Lens repair kit

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Specify lamp type. See Configurations table.
- Must be ordered with SCWA option.
- Available with MVOLT or 120V with PE only.
- Optional multi-tap ballast (120V, 208V, 240V, 277V).
- Only available with 2/42TRT.
- Only available with CSA.
- Only available for 250M and 400M.
- Available with 250M, 400M, 2/42TRT (120V) only. Consult factory for other wattage/voltage availability.
- May be ordered as an accessory. Prefix with fixture name and size (e.g., TWR1WG).

Intended Use

LED wall pack with traditional styling allowing for easy replacement of existing wall packs.

Features

- The TWR1 LED is designed to replace 175-320W MH luminaires while saving up to 80% in energy and the TWR2 LED is designed to replace a 400W MH while saving up to 82% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- Prismatic glass lens is designed for superior lighting distribution, uniformity and fixture spacing

- Type 4 distribution is designed to match existing wall pack distributions so spacing remains consistent

Listings

UL Certified to U.S. and Canadian safety standards for wet-location mounting higher than 4 feet off the ground.
Rated for -40°C minimum ambient.

TWR1 LED
TWR2 LED
LED Wall Luminaire



ORDERING INFORMATION

Specifications subject to change.

Example: TWR1 LED 2 50K MVOLT

Series	Performance package	Color temperature	Voltage	Controls	Finish
TWR1 LED	1 2,100 lumens	40K 4000K	MVOLT ²	PE ³ MVOLT Photocell included	(blank) Dark bronze
	2 3,500 lumens	50K 5000K ¹			
	3 4,900 lumens				
TWR2 LED	1 7,000 lumens				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS				
SERIES	WIDTH	HEIGHT	DEPTH	WEIGHT
TWR1 LED	12-15/16" (32.9 cm)	9" (22.9 cm)	7-1/2" (19 cm)	11.95 lbs (5.42 kg)
TWR2 LED	17" (43.2 cm)	9" (22.9 cm)	9-5/16" (23.6 cm)	17.2 lbs (7.8 kg)

Notes

- ¹ Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008. Except TWR1 LED 1 which is 5400 CCT.
- ² MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- ³ Photocontrol not available with 4000K or on TWR2.

TWS

**Intended Use**

For entrances, stairwells, corridors and other pedestrian areas.

Features

- Cast aluminum backplate allows for maximum heat dissipation
- Front housing and refractor is UV-stabilized polycarbonate to inhibit yellowing of the lens
- All ballasts are 100% factory tested

- Mounts over 4" outlet box or surface wiring via the 3/4" bottom conduit entry hub
- Sealed optical system inhibits intrusion of outside contaminants

Listings

UL Listed to U.S. and Canadian safety standards. UL/cUL Listed for wet locations.

ORDERING INFORMATION

Specifications subject to change.

Example: TWS 50M 120 PE LPI

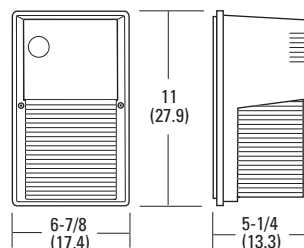
Series	Lamp type		Voltage	Options	Finish	Lamped ⁵	
TWS	<u>High pressure sodium</u>	<u>Compact fluorescent</u>	120	<u>Shipped installed</u>	(blank) Dark bronze	LPI	Lamp included
	35S	13TT	MVOLT ²	PE Photoelectric cell - button type ³	DWH White	L/LP	Less lamp
	50S	26TRT ¹		<u>Shipped separately</u>			
	70S	32TRT ¹		WG Wire guard ⁴			
	<u>Metal halide</u>	42TRT ¹					
	50M						

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

ACCESSORIES**ORDER SEPARATELY**

RK1 PEB1	Photocell kit, (120V only)
TWSWG	Wireguard



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Weight: 4.9 lbs (2.2 kg)

Notes

- ¹ Ships as 26/42TRT. Operates 26-42W as standard base on lamp choice. Lamp not included.
- ² Not available with MH, HPS or 13TT.
- ³ Not available with MVOLT.
- ⁴ May be ordered as an accessory: TWSWG.
- ⁵ LPI standard for HID or 13TT; L/LP standard for 26-42TRT.

TWS LED



Intended Use

LED wall pack with traditional styling allowing for easy replacement of existing wall packs.

Features

- Designed to replace up to a 70W high pressure sodium luminaire while saving up to 78% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- An impact-resistant polycarbonate lens provides enhanced durability and is ideal for use in high-traffic areas

- Includes a photocell for dusk to dawn operation
- Back housing is die-cast aluminum and is designed to dissipate heat and prolong LED life

Listings

UL Certified to U.S. and Canadian safety standards for wet-location mounting higher than 4 feet off the ground. Rated for -30°C to 40°C ambient temperature.

ORDERING INFORMATION

Specifications subject to change.

Example: TWS LED 1 50K 120 PE

Series	Performance package		Color temperature		Voltage		Contol options		Finish	Accessories: Order Separately	
TWS LED	1	1,017 lumens	50K	5000K ¹	120	120V ²	PE	Photoelectric cell button type	(blank) Dark bronze	TWSWG	Wire guard

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

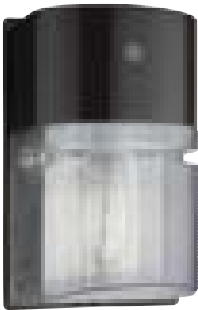
SPECIFICATIONS			
WIDTH	HEIGHT	DEPTH	WEIGHT
6-3/4" (17.2 cm)	10-7/8" (27.7 cm)	5-5/16" (13.5 cm)	3.19 lbs (1.45 kg)

Notes

- 1 Corrected color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
- 2 120V driver operates on 120V.

OWP2

Metal Halide Wall Pack



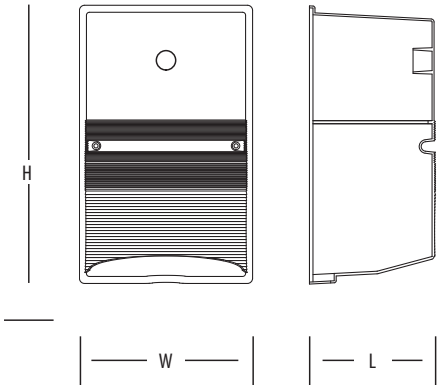
- Intended Use**
Provides general illumination for outdoor spaces in residential and light commercial applications.
- Features**
- Features an attractive bronze finish and prismatic polycarbonate lens for even distribution of light

- Includes a photocell for dusk to dawn operation
- Listings**
UL Certified to U.S. and Canadian safety standards for wet location. Rated for -30°C to -40°C ambient temperature.

ORDERING INFORMATION		Specifications subject to change.		Example: OWP2 50M 120 P LP BZ					
Series		Ballast/Voltage		Features		Lamp		Finish	
OWP2 50M (1) 50W metal halide lamp included		120	120 volt residential electronic ballast (standard)	P	Dusk-to-dawn photocell	LP	Lamp included	BZ	Bronze

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
NOMINAL SIZE	LENGTH	WIDTH	HEIGHT
11" (27.9 cm)	5-1/8" (13 cm)	6-7/8" (17.4 cm)	11" (27.9 cm)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Intended Use

Provides years of maintenance-free general illuminates for commercial or residential outdoor applications such as driveways, patios, loading areas and warehouses.

Features

- Designed to replace up to 70W high pressure sodium luminaire while saving up to 80% in energy
- LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- An impact-resistant polycarbonate lens provides enhanced durability and is ideal for use in high-traffic areas
- A fully gasketed front housing provides superior protection against water, bugs and other contaminants

Listings

UL Certified to U.S. and Canadian safety standards for wet locations. Rated for -30°C to -40°C ambient temperature.

OLWP
LED WALL PACK



ORDERING INFORMATION

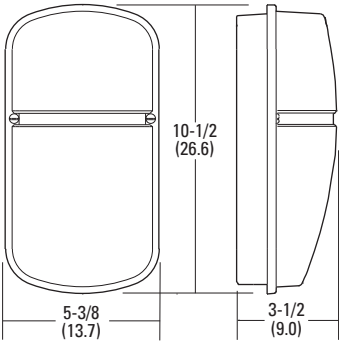
Specifications subject to change.

Example: OLWP 11 PE BZ

Series	Lumens/Color temperature (CCT) ¹		Voltage		Control		Finish	
OLWP	11	1,096 lumens/4000K	(blank)	120V	PE	Button photocell	BZ	Bronze

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

All dimensions are inches (centimeters) unless otherwise indicated.

Notes

¹ Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

TWA

Contour®



Intended Use

For outdoor storage areas, warehouse and factory perimeters, and loading docks. **Not recommended for applications with frequent exposure to harsh chemicals or commercial cleaning fluids (e.g., car washes). Installations in such environments may lead to premature failure of the luminaire and void the warranty.**

Features

- Rear housing is die-cast aluminum for enhanced durability
- Front housing and refractor is UV-stabilized polycarbonate to inhibit yellowing of the lens

- Back housing separates from the front housing, eliminating weight and promoting easy installation
- Polycarbonate lens provides vandal resistance for lower mounting heights
- All ballasts are 100% factory tested
- Top 1/2" threaded wiring access and back access through 3/4" opening

Listings

UL Listed (standard). CSA or NOM Certified (see Options). UL Listed for wet locations. IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

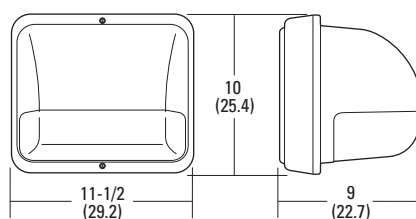
Example: TWA 100M 120 LPI

Series	Lamp type			Voltage	Ballast
TWA	High pressure sodium	Metal halide	Compact fluorescent	120	(blank) Magnetic ballast
	35S ¹	50M	26DTT	208 ⁴	CWI Constant wattage isolated ¹
	50S ²	70M	26TRT	240 ⁴	XHP High reactance (lag), high power factor
	70S ²	100M	32TRT	277	
	100S ²	Metal halide ceramic ³	42TRT	347	
		50MHC		TB ⁵	
		70MHC		MVOLT ⁶	
		100MHC		23050HZ ⁷	
Options			Finish	Lamped	
Shipped installed			(blank) Dark bronze	LPI	Lamp included
SF	Single fuse, 120V, 277V, 347V	CSA Meets Canadian standards	DWH White	L/LP	Less lamp
DF	Double fuse, 208V, 240V	NOM Meets Mexican standards (consult factory)	DBL Black		
GMF	Internal slow-blow fusing ⁸	Shipped separately	DMB Medium bronze		
EC	Emergency circuit ⁹	WG Wire guard ¹¹	DNA Natural aluminum		
QRS	Quartz restrike system ⁹		DSS Sandstone		
PE	Photoelectric cell - button type ¹⁰		CRT Non-stick protective coating (black)		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA			
LAMP TYPE	CIRCUIT	LAMP SHAPE	BASE
35S	RNPF	E17	Medium
50S	RNPF	E17	Medium
70S	RNPF	E17	Medium
100S	RNPF	E17	Medium
50M	HX-HPF	E17	Medium
70M	HX-HPF	E17	Medium
100M	HX-HPF	E17	Medium
26DTT	Electronic, HPF	T4	GX32D-3
32TRT	Electronic, HPF	T4	GX24Q-3
42TRT	Electronic, HPF	T4	GX24Q-3



Max weight: 10 lbs (4.5 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 120V, NPF only.
- 2 120V RNPF is standard; 208V, 240V, 277V, and TB are high-reactance power factor.
- 3 Not applicable with L/LP.
- 4 Must specify CWI for use in Canada.
- 5 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 6 Optional multi-volt electronic ballast (compact fluorescent only) capable of operating on any line voltage from 120V-277V.
- 7 Consult factory for available wattages.
- 8 CFL only. Must specify voltage. Not available with MVOLT.
- 9 Maximum wattage lamp included.
- 10 Must specify voltage. Not available in 347V or TB.
- 11 May be ordered as an accessory: TWA WG.

Intended Use

An energy-efficient solution for environments where some protection from dust and moisture and larger objects is required. Ideal for factories, warehouses or simply to bring style to retail, hospitality and residential locations.

Features

- Designed to replace up to 26W compact fluorescent or 100W incandescent luminaire while saving up to 85% in energy
- LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Sturdy cast aluminum cage protects globe from damage
- Silicone gaskets prevents the intrusion of moisture & dust
- Mounts to ceiling or wall with surface mount junction box (included)

Listings

UL Certified to U.S. and Canadian safety standards for wet-location mounting higher than 4 feet off the ground. Rated for -30°C to -40°C operating temperature.

LED VAPORTIGHTS



CONTRACTOR
SELECT

ORDERING INFORMATION

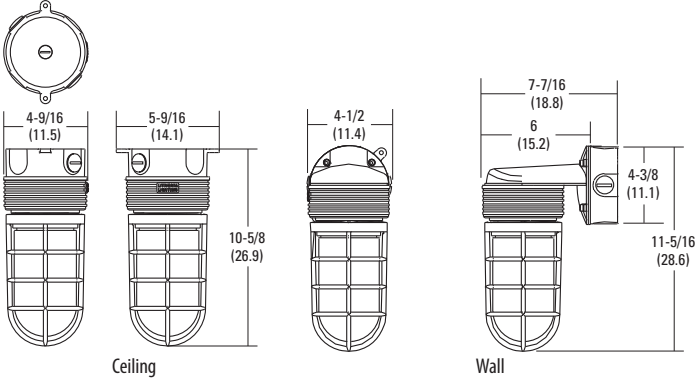
Specifications subject to change.

Example: OLVTCM

Series		Color temperature ¹	Voltage	Finish
OLVTCM	Ceiling mount	(blank) 4000K	(blank) MVOLT (120V-277V)	(blank) Gray
OLVTWM	Wall mount			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

¹ Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

TWAC

Contour®



Intended Use

For entrances, stairwells, corridors and other pedestrian areas.

Not recommended for applications with frequent exposure to harsh chemicals or commercial cleaning fluids (e.g., car washes). Installations in such environments may lead to premature failure of the luminaire and void the warranty.

Features

- Rear housing is die-cast aluminum for enhanced durability
- Front housing and refractor is UV-stabilized polycarbonate to inhibit yellowing of the lens
- Back housing separates from the front housing, eliminating weight and promoting easy installation

- Polycarbonate lens provides vandal resistance for lower mounting heights
- All ballasts are 100% factory tested
- Top 1/2" threaded wiring access and back access through 3/4" opening
- One-piece injection molded refractor lens meets IES cutoff criteria

Listings

UL Listed (standard). CSA or NOM Certified (see Options).
UL Listed for wet locations. IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

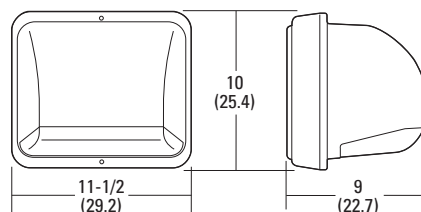
Example: Example: TWAC 100S 120 LPI

Series	Lamp type ¹			Voltage		Ballast		Options	
TWAC	<u>High pressure sodium</u>	<u>Metal halide</u>	<u>Compact fluorescent</u>	120	347	(blank)	Magnetic ballast	<u>Shipped installed</u>	
	35S ¹	50M	26DTT	208 ³	TB ⁴	CWI	Constant wattage isolated ⁶	SF	Single fuse, 120V, 277V, 347V
	50S ²	70M	32TRT	240 ³	MVOLT ⁵	XHP	High reactance (lag), high power factor ⁷	DF	Double fuse, 208V, 240V
	70S ²	100M	42TRT	277	23050HZ ⁶			GMF	Internal slow-blow fusing ⁸
	100S ²							EC	Emergency circuit ⁹
								QRS	Quartz restrike system ⁹
Options (continued)						Finish		Lamped	
DC12	Emergency circuit 12V; 35W lamp included ¹⁰			<u>Shipped separately</u> ¹²		(blank)	Dark bronze	LPI	Lamp included
2DC12	Emergency circuit 12V; two 35W lamps included ¹⁰			WG	Wire guard	DWH	White	L/LP	Less lamp
DC2012	Emergency circuit 12V; 20W lamp included ¹⁰					DBL	Black		
2DC2012	Emergency circuit 12V; two 20W lamps included ¹⁰					DMB	Medium bronze		
PE	Photoelectric cell - button type ¹¹					DNA	Black		
CSA	Meets Canadian safety standards					DNA	Natural aluminum		
NOM	Meets Mexican standards (consult factory)					DSS	Sandstone		
						CRT	Non-stick protective coating (black)		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA			
LAMP TYPE	CIRCUIT	LAMP SHAPE	BASE
35S	RNPF	E17	Medium
50S	RNPF	E17	Medium
70S	RNPF	E17	Medium
100S	RNPF	E17	Medium
50M	HX-HPF	E17	Medium
70M	HX-HPF	E17	Medium
100M	HX-HPF	E17	Medium
26DTT	Electronic, HPF	T4	GX32D-3
32TRT	Electronic, HPF	T4	GX24Q-3
42TRT	Electronic, HPF	T4	GX24Q-3



Max. weight: 10 lbs (4.5 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 120V, NPFF only.
- 2 120V RNPF is standard; 208/240/277/347V and TB are high reactance, high power factor.
- 3 Must specify CWI for use in Canada.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 5 Optional multi-volt electronic ballast (compact fluorescent only) capable of operating any line voltage from 120V-277V.
- 6 Consult factory for available wattages.
- 7 Only available with 120V.
- 8 CFL only. Must specify voltage. Not available with MVOLT.
- 9 Maximum wattage lamp included.
- 10 HID only, n/a QRS, EC or NOM.
- 11 Must specify voltage. Not available 347 or TB.
- 12 May be ordered as an accessory: TWACWG

Intended Use

For building- and wall- mounted applications. **Contact with a direct forceful spray of water during operation can result in glass breakage. Not recommended for car wash applications.** Cannot be inverted.

Features

- Housing is die-cast aluminum for enhanced durability
- Includes an impact-resistant, tempered-glass lens
- Meets IES cutoff criteria
- Optional full cutoff visor is available

- All ballasts are 100% factory tested
- Mounts over 4" outlet box or surface wiring via any of the three 3/4" conduit entry hubs
- Lens is tilted 30° up horizontal for TWRC

Listings

UL Listed to U.S. and Canadian safety standards. CSA Certified (see Options). UL/cUL Listed for wet locations.

TWRC**ORDERING INFORMATION**

Specifications subject to change.

Example: TWR1C 100M TB LPI

Series	Lamp type ¹			Voltage	Ballast	Options				Lamped			
TWR1C	High pressure sodium	250S	100M	120	(blank)	Magnetic ballast		Shipped installed		Shipped separately		LPI	Lamp included
TWR2C	70S	400S	150M	TB ³	SCWA	Super CWA ballast ⁵		PE	Photoelectric cell - button type ⁶		FCV	Full cutoff visor ⁷	
	100S	Metal halide	250M ²	120/347 ⁴				CSA	Meets Canadian standards		WG	Wire guard ⁷	
	150S	70M	4000M ²										

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**CONFIGURATIONS**

SERIES	LAMP TYPE
TWR1C	70S, 70M, 100S, 100M, 150S, 150M
TWR2C	250S, 250M, 400S, 400M

DIMENSIONS

Dimensions are shown in inches (centimeters) unless otherwise noted.		
	TWR1C	TWR2C
Height	10-1/4 (26.0)	14-1/2 (36.8)
Width	13 (33.0)	17-7/8 (45.4)
Depth	8-1/2 (21.6)	10 (25.4)
Max. weight	18 lbs (8.1kg)	25 lbs (11.3kg)

ACCESSORIES**ORDER SEPARATELY**

TWR1CWG	Size 1 wireguard
TWR2CWG	Size 2 wireguard
RK1 TWR1CFA	Size 1 lens repair kit
RK1 TWR2CFA	Size 2 lens repair kit
TWR1C FCV	Size 1 full cutoff visor
TWR2C FCV	Size 2 full cutoff visor

Notes

- 1 Specify lamp type. See configurations table.
- 2 Must be ordered with SCWA option.
- 3 Optional multi-tap ballast (120V, 208V, 240V, 277V).
- 4 Only available with CSA.
- 5 Only available for 250M and 400M.
- 6 Available with 250M, 400M, 400S (120V) only. Consult factory for other wattage/voltage availability.
- 7 May be ordered as an accessory. Prefix with fixture name and size (e.g., TWR1CWG or TWR1C FCV).

PRODUCT INFORMATION**Intended Use**

For building- and wall-mounted applications. **Contact with a direct forceful spray of water during operation can result in glass breakage. Not recommended for car wash applications**

Features

- Housing is die-cast aluminum for enhanced durability
- Includes an impact-resistant, tempered-glass lens

- Meets IES cutoff criteria
- All ballasts are 100% factory tested
- Mounts over 4" outlet box or surface wiring via any of the three 1/2" conduit entry hubs

Listings

UL Listed to U.S. and Canadian safety standards. UL/cUL Listed for wet locations. Not available in Canada.

TWR1S**ORDERING INFORMATION**

Specifications subject to change.

Example: TWR1S 100M TB LPI

Series	Lamp type	Voltage	Lamped
TWR1S	Metal halide 100M	TB ¹	LPI Lamp included

ADDITIONAL INFORMATIONFor additional product information, visit www.lithonia.com.**DIMENSIONS**

Dimensions are shown in inches (centimeters) unless otherwise noted.	
Height	16-1/2 (41.9)
Width	12-1/4 (31.2)
Depth	10-3/4 (27.3)
Max. weight	15.5 lbs (7.0kg)

Notes

- 1 Optional multi-tap ballast (120V, 208V, 240V, 277V).

D-SERIES FLOOD SIZE 1

LED Flood Luminaire



Intended Use

The sleek design of the D-Series Size 1 Flood reflects the embedded High-performance LED technology. It is ideal for landscape, signage and accent lighting in many commercial and residential applications.

Features

- Designed to replace up to a 175W MH luminaire while saving up to 80% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate frequent lamp changes associated with traditional sources

- Ultra-efficient light engines allow the luminaire to deliver efficacies of over 90 LPW
- Precision engineered optics deliver superior field-to-beam ratios and greater on-target illumination
- Mechanical design enhances thermal management and allows for a broader range of aiming flexibility

Listings

CSA Certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for 0-40°C minimum ambient. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: DSXF1 LED 2 A530/40K MSP MVOLT THK DDBXD

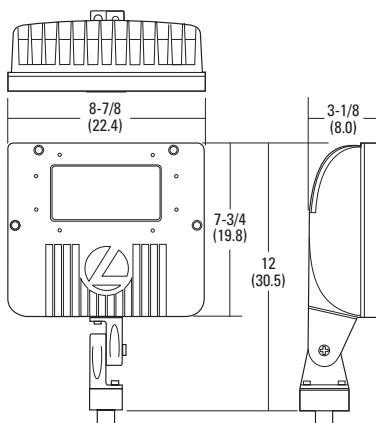
Series	Light engines		Performance package		Distribution	Voltage	Mounting	
DSXF1 LED	1	One COB engine	<u>530 mA options:</u>		NSP	Narrow spot	MVOLT ¹	<u>Shipped included</u>
	2	Two COB engine	A530/30K	3000K	MSP	Medium spot	120 ¹	THK Knuckle with 1/2" NPS threaded pipe
			A530/40K	4000K	MFL	Medium flood	208 ¹	<u>Shipped separately</u>
			A530/50K	5000K	FL	Flood	240 ¹	DSXF1/2TS Tenon slipfitter (2-3/8" O.D. THK required)
					WFL	Wide flood	277 ¹	
					WFR	Wide flood, rectangular		
					HMF	Horizontal flood		
Options			Finish		Accessories: Order Separately			
<u>Shipped installed</u>			DDBXD	Dark bronze	DSXF1/2TS DDBXD U	Slipfitter for 1-1/4" to 2-3/8" OD tenons; mates with 1/2" threaded knuckle (specify finish)		
PE	Photocontrol, button type ³		DBLXD	Black	FRWB DDBXD U	Radius wall bracket, 2-3/8" OD tenon (specify finish)		
SF	Single fuse (120, 277V) ⁴		DNAXD	Natural aluminum	FSPB DDBXD U	Steel square pole bracket, 2-3/8" OD tenon (specify finish)		
<u>Shipped separately</u> ²			DWHXD	White	DSXF1UBV DDBXD U	Upper/bottom visor accessory (specify finish)		
UBV	Upper/bottom visor (universal)				DSXF1V DDBXD U	Full visor accessory (specify finish)		
FV	Full visor				DSXF1VG U	Vandal guard accessory		
VG	Vandal guard				For more mounting options, visit our Floodlighting Accessories pages.			

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS

EPA	DEPTH	WIDTH	HEIGHT	OVERALL HEIGHT	WEIGHT
.6 ft ² (.05 m ²)	3-1/8" (8.0 cm)	8-7/8" (22.4 cm)	7-3/4" (19.8 cm)	12" (30.5 cm)	7.2 lbs (3.3 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
DSXF1 LED 1 A530/40K WFL MVOLT THK DDBXD	DSXF1 LED 1 40K
DSXF1 LED 1 A530/50K WFL MVOLT THK DDBXD	DSXF1 LED 1 50K
DSXF1 LED 2 A530/40K WFL MVOLT THK DDBXD	DSXF1 LED 2 40K
DSXF1 LED 2 A530/50K WFL MVOLT THK DDBXD	DSXF1 LED 2 50K

Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF option) or photocontrol (PE).
- Also available as separate accessories; see Accessories information.
- Photocontrol (PE) requires 120, 208, 240 or 277 voltage option.
- Single fuse (SF) requires 120 or 277 voltage option.

Intended Use

The sleek design of the D-Series Size 2 Flood reflects the embedded High-performance LED technology. It is ideal for larger signage, facade and flagpole lighting in many commercial and residential applications.

Features

- Designed to replace up to a 250W MH luminaire while saving up to 80% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate frequent lamp changes associated with traditional sources

- Ultra-efficient light engines allow the luminaire to deliver efficacies of over 90 LPW
- Precision engineered optics deliver superior field-to-beam ratios and greater on-target illumination
- Mechanical design enhances thermal management and allows for a broader range of aiming flexibility

Listings

CSA Certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for 0-40°C minimum ambient. DesignLights Consortium® qualified product.

D-SERIES FLOOD SIZE 2

LED Flood Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

Example: DSXF2 LED 4 A530/40K MSP MVOLT THK DDBXD

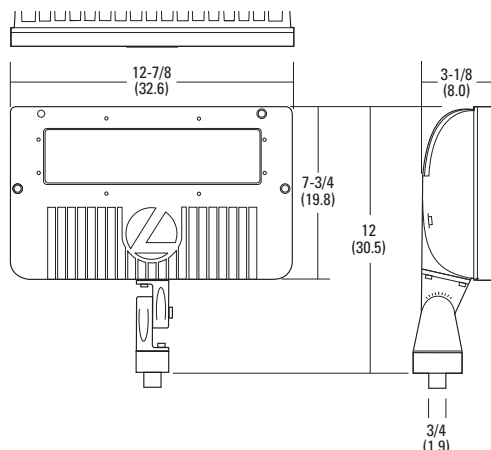
Series	Light engines	Performance package	Distribution	Voltage	Mounting
DSXF2 LED	3 Three COB engines ¹	530 mA options:	NSP Narrow spot	MVOLT ¹	<u>Shipped included</u>
	4 Four COB engines	A530/30K 3000K	MSP Medium spot	120 ²	THK Knuckle with 1/2" NPS threaded pipe
		A530/40K 4000K	MFL Medium flood	208 ²	YKC62 Yoke with 16-3 SO card
		A530/50K 5000K	FL Flood	240 ²	<u>Shipped separately³</u>
			WFL Wide flood	277 ²	DSXF1/2TS Tenon slipfitter (2-3/8" O.D. THK required)
			WFR Wide flood, rectangular	347	FTS CG6 Yoke with 16-3 SO card
			HMF Horizontal flood	480	
Options		Finish	Accessories: Order Separately		
<u>Shipped installed</u>		<u>Shipped separately²</u>	DDBXD Dark bronze	DSXF1/2TS DDBXD U Slipfitter for 1-1/4" to 2-3/8" OD tenons; mates with 1/2" threaded knuckle (specify finish)	FSPB DDBXD U Steel square pole bracket, 2-3/8" OD tenon (specify finish)
PE Photocontrol, button type ⁴	UBV Upper/bottom visor (universal)	DBLXD Black			DSXF1UBV DDBXD U Upper/bottom visor accessory (specify finish)
DMG 0-10V dimming driver (no controls) ⁵	FV Full visor	DNAXD Natural aluminum	FTS CG6 DDBXD U Slipfitter for 2-3/8" to 2-7/8" OD tenons; mates with yoke mount (specify finish)		DSXF2FV DDBXD U Full visor accessory (specify finish)
SF Single fuse (120, 277V, 347) ⁶	VG Vandal guard	DWHXD White	FRWB DDBXD U Radius wall bracket, 2-3/8" OD tenon (specify finish)		DSXF2VG U Vandal guard accessory
DF Double fuse (208, 240, 480V) ⁶					For more mounting options, visit our Floodlighting Accessories pages.

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS

EPA	DEPTH	WIDTH	HEIGHT	OVERALL HEIGHT	WEIGHT
0.8 ft ² (0.05 m ²)	3-1/8" (8.0 cm)	12-7/8" (32.6 cm)	7-3/4" (19.8 cm)	12" (30.5 cm)	10.5 lbs (4.8 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
DSXF2 LED 3 A530/40K WFL MVOLT THK DDBXD	DSXF2 LED 3 40K
DSXF1 LED 1 A530/50K WFL MVOLT THK DDBXD	DSXF2 LED 3 50K
DSXF2 LED 4 A530/40K WFL MVOLT THK DDBXD	DSXF2 LED 4 40K
DSXF2 LED 4 A530/50K WFL MVOLT THK DDBXD	DSXF2 LED 2 50K

Notes

- Not available with 347V or 480V.
- MVOLT driver operates on any line voltage from 120-277V. Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options) or photocontrol (PE).
- Also available as separate accessories; see Accessories information.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option.
- Not available with three-engine product (DSXF2 LED 3).
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

D-SERIES FLOOD SIZE 3

LED Flood Luminaire



Intended Use

The sleek design of the D-Series Size 3 Flood reflects the embedded high performance LED technology. It is ideal for wallwash, security and general area lighting in many commercial and institutional applications.

Features

- Designed to replace up to a 400W MH luminaire while saving up to 75% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate frequent lamp changes associated with traditional sources

- Ultra-efficient light engines allow the luminaire to deliver efficacies of over 90 LPW
- Precision engineered optics deliver low field-to-beam ratios and greater on-target illumination
- Mechanical design enhances thermal management and allows for a broader range of aiming flexibility

Listings

CSA Certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for 0-40°C minimum ambient. DesignLights Consortium® qualified product.



ORDERING INFORMATION

Specifications subject to change.

Example: DSXF3 LED 8 A530/40K FL MVOLT THK DDBXD

Series	Light engines	Performance package	Distribution	Voltage	Mounting
DSXF3 LED	6 8	Six COB engines Eight COB engine	530 mA options: A530/30K 3000K A530/40K 4000K A530/50K 5000K	NSP Narrow spot MSP Medium spot MFL Medium flood FL Flood WFL Wide flood WFR Wide flood, rectangular HMF Horizontal flood	MVOLT ¹ 120 ¹ 208 ¹ 240 ¹ 277 ¹ 347 480
Mounting					
<u>Shipped included</u>					
THK Knuckle with 3/4" NPT threaded pipe					
YKC62 Yoke with 16-3 SO cord					
IS Integral slipfitter (fits 2-3/8" O.D. tenon)					
<u>Shipped separately²</u>					
FTS CG6 Tenon slipfitter (fits 2-3/8" to 2-7/8" O.D. tenon. YKC62 required)					
Options			Finish		Accessories: Order Separately
<u>Shipped installed</u>			<u>Shipped separately²</u>		
PER	NEMA twist-lock receptacle only (no controls)	UBV	DDBXD	Dark bronze	FTS CG6 DDBXD U Slipfitter for 2-3/8" to 2-7/8" OD tenons; mates with yoke mount (specify finish)
DMG	0-10V dimming driver (no controls)	FV	DBLXD	Black	FRWB DDBXD U Radius wall bracket, 2-3/8" OD tenon (specify finish)
DCR	Dimmable and controllable via ROAM (no controls) ³	VG	DNAXD	Natural aluminum	FSPB DDBXD U Steel square pole bracket, 2-3/8" OD tenon (specify finish)
SF	Single fuse (120, 277, 347V) ⁴	WG	DWHXD	White	DSXF1UBV DDBXD U Upper/bottom visor accessory (specify finish)
DF	Double fuse (208, 240, 480V) ⁴	SC			DSXF1V DDBXD U Full visor accessory (specify finish)
WTB	Utility terminal block	DLL127F 1.5 JU			DSXF1VG U Vandal guard accessory
		DLL347F 1.5 CUL JU			For more mounting options, visit our Floodlighting Accessories pages.
		DLL480F 1.5 CUL JU			For more control options, visit DTL and ROAM online.

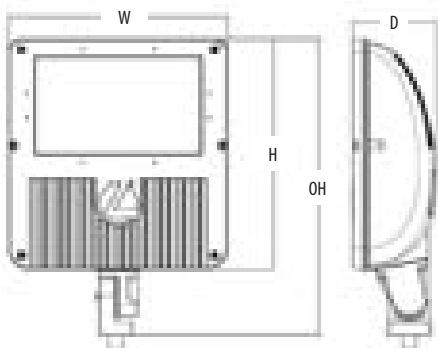
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS

EPA	DEPTH	WIDTH	HEIGHT	OVERALL HEIGHT	WEIGHT
1.4 ft ² (0.13 m ²)	5" (12.7 cm)	13" (33.0 cm)	13-5/8" (34.6 cm)	17-1/2" (44.5 cm)	21 lbs (9.5 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- MVOLT driver operates on any line voltage from 120-277V. Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Also available as separate accessories; see Accessories information.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347V or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.

Intended Use

The OLB LED Bullet Floodlight is a long-lasting energy-efficient landscape flood light. Available with spot or flood optics making it ideal for many commercial and residential outdoor applications such as lighting of landscapes, building details and flag poles.

Features

- Designed to replace up to a 100W halogen luminaire while saving up to 88% in energy
- LEDs deliver an expected service life of 100,000 hours and eliminate the frequent lamp changes associated with traditional sources

- 2H x 2V spot optics for maximum illumination of smaller targets at distances of up to 50 feet
- 5H x 4V flood optics for general illumination of larger areas
- IP65 rated housing protects LEDs and driver from the elements

Listings

UL Listed to U.S. and Canadian safety standards for wet locations within four feet of the ground. Rated for -30°C to 40°C ambient temperature.

LED BULLET FLOODLIGHTS



CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

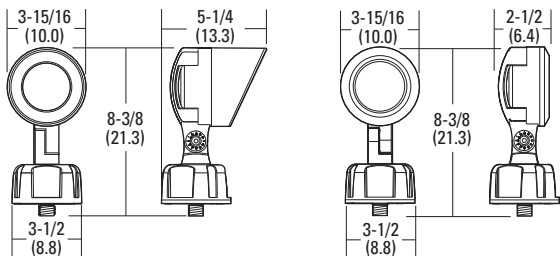
Example: OLBF 8 30K DDB

Series	Light engine	Color temperature (CCT) ¹	Voltage	Finish
OLBF 5x4 flood optics	8	30K 3000K	(blank) MVOLT	DDB Dark bronze
OLBS 2x2 spot optics		50K 5000K		

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

¹ Corrected color temperature (CCT) shown is nominal per ANSI C78, 377-2008.

OFLR

LED Floodlight with Motion Sensor or Dusk-to-Dawn



Intended Use

Provides years of maintenance-free general illumination for residential and commercial outdoor applications such as yards, driveways, patios, loading areas and warehouses. Motion activation deters intruders.

Features

- Designed to replace up to a 2-head PAR38 60W halogen luminaire while saving up to 80% in energy
- LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources
- Two or three tool-free adjustable heads allow for easy aiming up/down or side to side

- Dual array motion sensor provides 180° detection with up to 70 feet forward range and additional downward perimeter protection for added security offered in OFLR 6 & 9 MO
- Integrated photocell turns light on at dusk and off at dawn for energy savings and convenience in OFLR 6 & 9 P
- Simple mounting configuration to existing junction box on wall or under building eave

Listings

UL Certified to U.S. and Canadian safety standards for wet location mounting higher than 4 feet off the ground. Rated for -40°C minimum ambient.



ORDERING INFORMATION

Specifications subject to change.

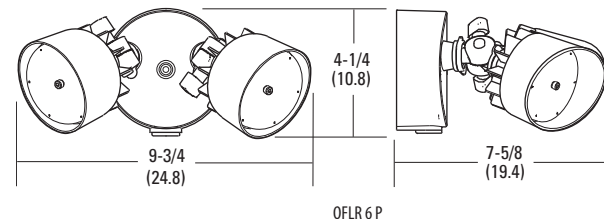
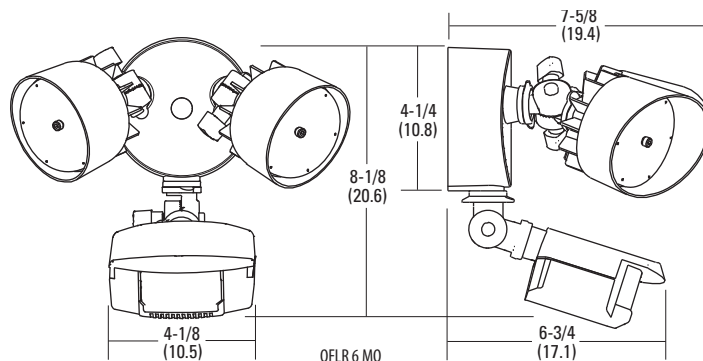
Example: OFLR 6LC 120 MO BZ

Series	Number of heads	Voltage	Features	Finish
OFLR LED floodlight	6LC 2 heads 9LN 3 heads	120 120 volts	MO Motion sensor P Dusk-to-dawn photocell	BZ Bronze WH White

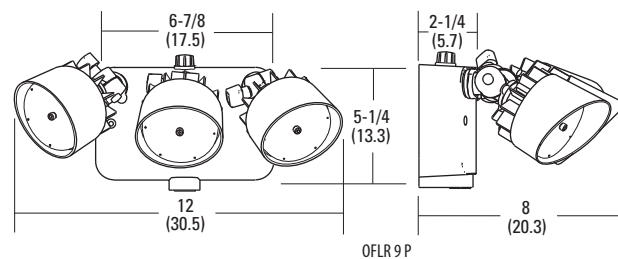
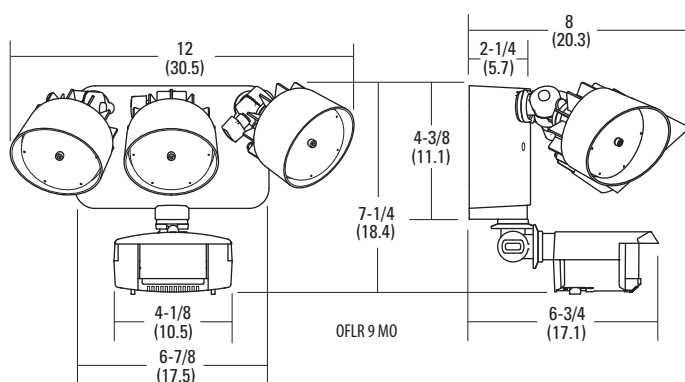
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



OFLR 6 P



OFLR 9 P

OLFL
LED Floodlight



Intended Use
The OLFL provides years of maintenance-free general illumination for residential or commercial outdoor applications such as yards, driveways, patios, loading areas and warehouses.

- Features**
- Designed to replace up to a 300W quartz halogen luminaire while saving up to 90% in energy
 - LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Dual high-powered LED configuration provides up to 1,351 lumens
- A fully gasketed glass lens provides superior protection against water, bugs and other contaminants
- Includes standard photocell for dusk-to-dawn operation

Listings
UL Certified to U.S. and Canadian safety standards for wet location mounting higher than 4 feet off the ground. Rated for -40°C minimum ambient.



ORDERING INFORMATION

Specifications subject to change.

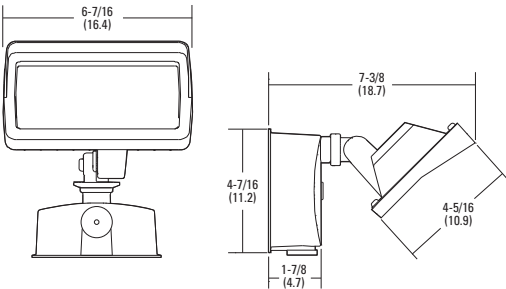
Example: OLFL 14 PE BZ

Series	Lumens/Color temperature (CCT) ¹		Voltage	Control		Finish	
OLFL	14	1,351 lumens/4000K	(blank) 120V	PE	Button photocell	BZ	Bronze

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes
1 Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

ASF

Aeris™



Intended Use

Use for landscape and facade lighting.

Features

- Housing is rugged, die-cast single-piece low copper alloy aluminum for enhanced durability
- Anodized aluminum reflectors; segmented, specular or hammertone finish offers superior uniformity and control
- Reflectors are interchangeable and allow for tool-less access to electrical components

- "Quick Disconnect" features reduce installation and maintenance time
- Super durable finishes are available for superior resistance to corrosion and weathering

Listings

UL Listed suitable for wet locations in all orientations. UL Listed to U.S. and Canadian safety standards (see Options). NOM Certified (see Options). IP 65 rated. Canadian patent pending. CA Title 20 (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: ASF1 100M WDF 120 LPI

Series	Lamp type ¹				Distribution		Voltage	Ballast	Mounting								
ASF1	High pressure sodium	Metal halide	320M ⁶	26DTT	NSP	Narrow spot	120	(blank)	Magnetic or electronic ballast ²⁰	Shipped installed		AFWMA	Wall-mount	AFWMPTHK	Wall-mount plate for 3/4" THK option		
ASF2			350M ^{6,7,22}	2/26DTT	SP	Spot	208 ³			(blank)	ASF1 3/4" threaded knuckle	AFTMB	Twin mounting bar				
50S		50M ^{2,4}	400M ^{7,21}	32TRT	HSP	Horizontal spot	240 ³					AFTS	Architectural tenon slipfitter for 3/4" THK option			AFTMBTHK	
70S		70M ^{2,4}	Metal halide ceramic ⁸	2/32TRT		MDF	Medium flood	277	CWI	Constant wattage isolated ¹³		(blank)	ASF2 swivel				
100S		100M ²		42TRT		WDF	Wide flood	347				YK	Yoke mount	AFSTMTHK	Architectural tenon slipfitter for 3/4" THK option	AFJB	Architectural J-box for 3/4" THK option
150S		150M	50MHC ^{2,4}	2/42TRT		VFW	Vertical flood-wide	480 ¹⁰			SCWA	Super CWA ballast	Shipped separately ^{14,15}				
200S		175M ^{5,22}	70MHC ^{2,4}	57TRT			TB ¹¹			AFTM			Tenon base mount	AFWMATHK	Architectural tenon slipfitter for 3/4" THK option		
250S		150M	100MHC ²	70TRT		VFN	Vertical flood-narrow	MVOLT ¹²									
400S ³		200M ⁶	150MHC	26TRT				23050HZ ¹³			AFSTM	Stanchion mount					
		250M ²¹	Compact fluorescent ^{2,9}	2/57TRT													

Options

<u>Shipped installed</u>		PE	Photoelectric cell - button type ¹⁷	SP	Spot	(blank)	Textured dark bronze	DDB	Dark bronze	DDBTXD	Textured dark bronze	LPI	Lamp included	
SP	Spot	CSA	Meets Canadian safety standards	VG	Vandal guard	DSST	Textured sandstone	<u>Super Durable Finishes</u>		DBLTXD	Textured black	L/LP	Less lamp	
SF	Single fuse, 120V, 277V, 347V			BD	Barn door ¹⁵	DNAT	Textured natural aluminum	DDBXD	Dark bronze	DNATXD	Textured natural aluminum			
DF	Double fuse, 208V, 240V, 480V			NOM	Meets Mexican standards (consult factory)	FV	Full visor ¹⁵	DWHG	Textured white	DBLXD	Black	DWHGXD	Textured white	
GMF	Internal slow-blow fusing	REGC1	California Title 20 effective 1/1/2010 ²¹	EV	Eggcrate visor (black only)	DBLB	Textured black	DNAXD	Natural aluminum					
EC	Emergency circuit ¹⁶			GS	Glare shield (upper or bottom visor) ¹⁵	DDB	Dark bronze			DWHXD	White			
QRS	Quartz restrike system ¹⁶													
QRSTD	Quartz restrike time delay ¹⁶	<u>Shipped separately</u> ^{14, 19}												
		FV/BVG Full visor and vandal guard ¹⁵												

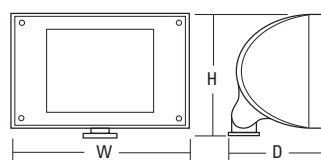
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS

SERIES	LAMP TYPE	DISTRIBUTION
ASF1	50S, 50M, 50MHC, 70S, 70M, 70MHC, 100S, 100M, 100MHC, 150S, 150M, 150MHC, 175M	NSP, SP, HSP, MDF, WDF, VFW, VFN
ASF1	26DTT, 2/26DTT, 26TRT, 2/26TRT, 32TRT, 2/32TRT, 42TRT, 2/42TRT, 57TRT, 2/57TRT, 70TRT	WDF
ASF2	175M, 200S, 200M, 250S, 250M, 320M, 350M, 400M	NSP, SP, HSP, MDF, WDF, VFW, VFN
ASF2	400S	HSP, MDF, WDF, VFW, VFN

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



	ASF1	ASF2
EPA:	1.2 ft ² (0.11 m ²)	2.0 ft ² (0.19 m ²)
Depth:	7-5/8 (19.3)	11 (27.9)
Width:	15-1/2 (39.4)	21-1/2 (54.6)
Height:	10-7/8 (27.6)	18-1/2 (47.0)
Max. weight:	20 lbs (9.0 kg)	35 lbs (15.8 kg)

Notes

- Specify lamp type and distribution. See Configurations table.
- Not available with SCWA.
- Not available with NSP or SP distributions.
- Not available with 480V.
- Not available ASF1 SCWA.
- Must be ordered with SCWA.
- ED-28 reduced jacket lamp required.
- Not applicable with L/LP.
- Available with ASF1 WDF distribution only.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Optional multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120V-277V.
- Consult factory for available wattages.
- Not applicable with L/LP.
- Available with ASF1 WDF distribution only.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Optional multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120V-277V.
- Consult factory for available wattages.
- Electronic Ballast used in compact fluorescent only.
- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 is not available in 347V or 480V.
- These wattages do not comply with California Title 20 regulations.

170S

**Intended Use**

Ideal for airport aprons or parking areas.

Features

- Housing is die-cast aluminum for enhanced durability
- Thermal and shock-resistant, tempered, flat, glass lens is designed to stand up to the elements
- Includes an anodized, aluminum reflector with internal glare control louver

- Vertical aiming mechanism with repositioning stop allows for quick, accurate aiming

Listings

UL Listed for wet location. Listed and labeled to comply with Canadian Standards (see Options). CA Title 20 (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: 170S 400M HPN 120 LPI

Series	Lamp type	Distribution	Voltage	Ballast	Mounting
170S	High pressure sodium	HPN	Narrow asymmetric	120	Shipped installed
	1000S		208 ³	(blank) Magnetic ballast	(blank) Yoke
	Metal halide		240 ³	CWI Constant wattage isolated ⁵	Shipped separately
	250M		277	SCWA Super CWA ballast	TS Tenon slipfitter (2-3/8" OD max.) ^{6,7}
	320M ¹		347	Shipped separately ⁶	MPB29 Mounting pole bracket for 2 fixtures at 90 degrees ⁸
	350M ^{1,12}		480 ³	HRBW HID remote ballast weatherproof (black)	MPB39 Mounting pole bracket for 3 fixtures at 90 degrees ⁸
	400M ¹¹		TB ⁴	HRB HID remote ballast (white)	MPB49 Mounting pole bracket for 4 fixtures at 90 degrees ⁸
	1000M ²		23050HZ ⁵		

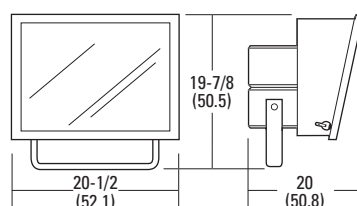
Options					Finish				Lamped		
<u>Shipped installed</u>		REGC1	California Title 20 effective 1/1/2010 ¹¹	PE4	NEMA twist-lock PE (480V)	(blank)	Dark bronze	DSS	Sandstone	LPI	Lamp included
SF	Single fuse (120, 277, 347V n/a TB)			PE7	NEMA twist-lock PE (277V)	DBL	Black	DTG	Tennis green	L/LP	Less lamp
DF	Double fuse, (208, 240, 480V n/a TB)	<u>Shipped separately</u> ^{14, 19}			SC	Shorting cap	DGC	Charcoal gray	DBR	Bright red	
QRS	Quartz restrike system ¹⁶	PE1	NEMA twist-lock PE (120, 208, 240V)	UV	Upper visor ⁷	DMB	Medium bronze	DSB	Bright red		
PER	NEMA twist-lock receptacle only ¹⁰					DNA	Natural aluminum				
CSA	Meets Canadian standards	PE3	NEMA twist-lock PE (347V)			DWH	White				
INTL	Available for MH probe start shipping outside the U.S.										

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA					
LAMP TYPE	DIST.	BALLAST	LAMP SHAPE	BEAM SPREAD H° x V°	NEMA DIST.
250S	HPN	CWA	ET18	128 x 55	6 x 4
400S	HPN	CWA	ET18	129 x 52	6 x 4
1000S	HPN	CWA	E25	132 x 56	7 x 4
400M	HPN	CWA	BT37	139 x 68	7 x 4
1000M	HPN	CWA	BT37	138 x 63	7 x 4

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EPA: 2.7 ft² (0.25 m²)
Max. weight: 83 lbs (37.6 kg)

Notes

- Must be ordered with SCWA.
- Requires a BT-37 reduced jacket lamp.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Consult factory for available wattages.
- May be ordered as an accessory.
- Must specify finish.
- MPB bracket ships separately with junction box and hinge mechanisms. Bracket weight: 12 lbs. Must be ordered with fixture.
- Maximum allowable wattage lamp included.
- Photocell not included.
- These wattages require the REGC1 option to be chosen for shipments into California for Title20 compliance. 250M REGC1 is not available in 347V or 480V.
- These wattages do not comply with California Title 20 regulations.

TFA

Contour®



Intended Use

Use for industrial yards, parking lots, construction sites, and signage.

Features

- Housing is die-cast aluminum for enhanced durability
- Hinged front bezel allows for fast, easy, and "no-tool" access
- Precision die-formed specular anodized aluminum reflector provides high efficiencies with vertical or horizontal lamp orientation

- Super durable finishes are available for superior resistance to corrosion and weathering

Listings

UL Listed (standard). CSA Certified (see Options). NOM Certified (see Options). UL Listed for 25°C ambient and wet locations. CA Title 20 (see Options). IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

Example: TFA 1000M TA TB LPI

Series	Lamp type ¹	Distribution ¹	Voltage	Ballast	Mounting	Options
TFA	High pressure sodium ²	320M ⁴	120	(blank) Magnetic ballast	Shipped installed	Shipped installed
		350M ^{4,14}	208 ⁵	CWI Constant wattage isolated ⁷	(blank) Yoke	SF Single fuse (120V, 277V, 347V)
	250S	400M ¹³	240 ⁵	SCWA Super CWA isolated	IS Integral slipfitter (2-3/8" OD tenon)	DF Double fuse (208V, 240V, 480V)
	400S	750M ⁴	277		Shipped separately ^{8,9}	EC Emergency circuit ¹⁰
	750S ³	775M ⁴	347		AFTM Tenon mount	QRS Quartz restrrike system ¹⁰
	1000S	875M	480 ⁵		FRWB Radius wall bracket	QRSTD Quartz restrrike time delay ¹⁰
	Metal halide	1000M	TB ⁶		FSPB Steel square pole bracket	PER NEMA twist-lock receptacle only ¹¹
	200M	RB (6x6)	23050HZ ⁷		FSAB Steel angle bracket	C22 2' 12-3 cord prewired ¹²
	250M ¹³	TAZ (7x6)			FTS Tenon slipfitter (2-3/5" to 2-7/8" OD tenon)	C42 2' 14-3 cord prewired ¹²
					FWPB Wood pole bracket	C62 2' 16-3 cord prewired

Options (continued)	Shipped separately ⁸	Finish	Lamped
CSA Meets Canadian safety standards	PE1 NEMA twist-lock PE twist-lock PE (120, 208, 240V)	VG Vandal guard ¹¹	LPI Lamp included
NOM Meets Mexican standards (consult factory)	PE3 NEMA twist-lock PE (347)	WG Wire guard ¹¹	L/LP Less lamp
INTL Available for MH probe start shipping outside the U.S.	PE4 NEMA twist-lock PE (480V)	FV Full visor ^{9,11}	
CF Charcoal filter	PE7 NEMA twist-lock PE (277V)	UV Upper visor ^{9,11}	
TP Tamper proof latches		SC Shorting cap for PER option	
REGC1 California Title 20 effective 1/1/2010 ¹³			
		(blank) Dark bronze	Super Durable Finishes
		DBL Black	DDBXD Dark bronze
		DMB Medium bronze	DBLXD Black
		DNA Natural aluminum	DNAXD Natural aluminum
		DWH White	DWHXD White
		CRT Non-stick protective coating (black)	DDBTXD Textured dark bronze
			DBLTXD Textured black
			DNATXD Textured natural aluminum
			DWHGXD Textured white

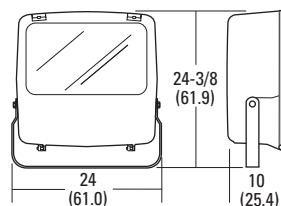
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA					
LAMP TYPE	DIST.	CIRCUIT	LAMP SHAPE	BEAM SPREAD H° x V°	NEMA DIST.
400S	TA	CWA	ET18	140 x 134	7 x 7
400S	RN	CWA	ET18	127 x 30	6 x 3
400S	TA2	CWA	ET18	138 x 112	7 x 6
400S	RB	CWA	ET18	126 x 106	6 x 6
1000S	TA	CWA	E25	139 x 133	7 x 7
1000S	RN	CWA	E25	127 x 21	6 x 2
1000S	TA2	CWA	E25	144 x 119	7 x 6
1000S	RB	CWA	E25	128 x 114	6 x 6
400M	TA	CWA	BT37	143 x 133	7 x 7
400M	RN	CWA	BT37	129 x 35	6 x 3
400M	TA2	CWA	BT37	135 x 111	7 x 6
400M	RB	CWA	BT37	124 x 100	6 x 6
1000M	TA	CWA	BT56	146 x 135	7 x 7
1000M	RN	CWA	BT56	130 x 45	6 x 3
1000M	TA2	CWA	BT56	144 x 119	7 x 6
1000M	RB	CWA	BT56	126 x 109	6 x 6

CONFIGURATIONS		
SERIES	LAMP TYPE	DISTRIBUTION
TFA	250S, 250M, 320M, 350M, 400S, 400M	RN, TA, RB, RC, TA2, RM
TFA	750M	RN, TA
TFA	750S, 1000S	RN, TA, RB, TA2, RM
TFA	1000M	RN, TA, RB, RE, TA2, RM

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EPA: 2.6 ft² (0.24 m²)
Max. weight: 65 lbs (29.5 kg)

Notes

- Specify lamp type and distribution. See Configurations table.
- Not available with SCWA.
- Not available in multi-tap ballast.
- Must be ordered with SCWA.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Consult factory for available wattages.
- May be ordered as an accessory.
- Must specify finish.
- Maximum allowable wattage lamp included.
- Prefix with fixture name (e.g., TFAUV).
- 277/397/480T only.
- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 is not available in 347V or 480V.
- These wattages do not comply with California Title 20 regulations.

Intended Use

Use for recreation areas, parking lots, building facades, and car lots.

Features

- Housing is die-cast aluminum for enhanced durability
- Thermal and shock-resistant, tempered, flat, glass lens is designed to stand up to the elements

- Anodized, specular, aluminum reflector provides efficient rectangular beam pattern

Listings

Listed and labeled to UL standards. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). UL Listed for 25°C ambient; 40° for 250M and below. UL Listed for wet locations. CA Title 20 (see Options). IP65 rated.

TFL

Contour®

**ORDERING INFORMATION**

Specifications subject to change.

Example: TFL 400S RA2 TB LPI

Series	Lamp type ¹			Distribution		Voltage	Ballast		Mounting						
TFL	<u>High pressure sodium¹</u>	<u>Metal halide</u>	<u>Metal halide ceramic⁵</u>	RA2	Rectangular beam	120	(blank)	Magnetic ballast	<u>Shipped installed</u>	FSPB	Steel square pole bracket ¹¹	FCX2	2-Light wood pole crossarm ¹²		
		150M		TA2	Vertical (max 250W)	208 ⁶	CWI	Constant wattage isolated ⁸	(blank)	Yoke	FTS	Tenon slipfitter (2-3/8" to 2-7/8" OD tenon) ¹²	FCX3	3-Light wood pole crossarm ¹²	
	70S	175M ^{2,17}	150MHC			240 ⁶			IS	Integral slipfitter (2-3/8" OD tenon)	FCRA	Crossarm adaptor ¹²	FCX4	4-Light wood pole crossarm ¹²	
	100S	200M ³				277			<u>Shipped separately^{9,10}</u>		FCRA45	Crossarm adaptor (45 degrees from horizontal) ¹²			
	150S	250M ¹⁶				347	SCWA	Super CWA ballast	FRWB	Radius wall bracket ¹¹	FPMB	Wall/pole mounting bracket ¹²			FWPB
	200S	320M ³				480 ⁶									
	250S	350M ^{3,4,17}				TB ⁷									
	400S	400M ^{4,16}				23050HZ ⁸					FSAB	Steel angle bracket ¹²			

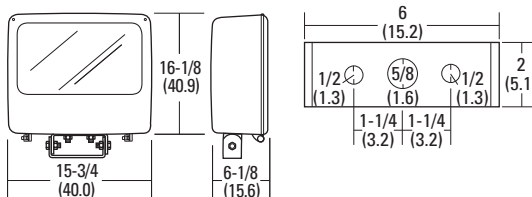
Options					Finish				Lamped		
<u>Shipped installed</u>		NOM	Meets Mexican standards (consult factory)	VG	Vandal guard ¹⁵	(blank)	Dark bronze	<u>Super Durable Finishes</u>		LPI	Lamp included
SF	Single fuse, 120V, 277V, 347V			WG	Wire guard ¹⁵	DBL	Black	DDBXD	Dark bronze	L/LP	Less lamp
DF	Double fuse, 208V, 240V, 480V	INTL	Available for MH probe start shipping outside the U.S.	FV	Full visor ^{10,15}	DMB	Medium bronze	DBLXD	Black		
EC	Emergency circuit ¹³			UV	Upper visor ^{10,15}	DNA	Natural aluminum	DNAXD	Natural aluminum		
QRS	Quartz restrike system ¹³	REGC1	California Title 20 effective 1/1/2010 ¹⁶			DWH	White	DWHXD	White		
PER	NEMA twist-lock receptacle only ¹⁴	<u>Shipped separately</u> ⁹						DBBTXD	Textured dark bronze		
C22	2' 12-3 cord prewired	PE1	NEMA twist-lock PE (120, 208, 240V)					DBLBXD	Textured black		
C42	2' 14-3 cord prewired ¹²	PE3	NEMA twist-lock PE (347V)					DNATXD	Textured natural aluminum		
C62	2' 16-3 cord prewired	PE4	NEMA twist-lock PE (480V)								
CF	Charcoal filter	PE7	NEMA twist-lock PE (277V)					DWHGXD	Textured white		
CSA	Meets Canadian standards	SC	Shorting cap for PER option								

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA					
LAMP TYPE	DIST.	CIRCUIT	LAMP SHAPE	BEAM SPREAD H° x V°	NEMA DIST.
100S	TA2	HX-HPF	E17	148 x 123	7 x 6
150S	TA2	HX-HPF	E17	155 x 119	7 x 6
250S	RA2	CWA	BT28	143 x 111	7 x 6
400S	RA2	CWA	BT28	143 x 111	7 x 6
175M	TA2	CWA	BT28	147 x 122	7 x 6
250M	RA2	CWA	BT28	140 x 104	7 x 6
400M	RA2	CWA	BT28	145 x 100	7 x 6

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EPA: 1.3 ft² (0.12 m²)
Weight: 27 lbs (11.8 kg)

Notes

- Not available with SCWA.
- Universal mogul base lamp allows TFL to be available with SCWA. N/A 480V.
- Must be ordered with SCWA.
- Requires T-15, ED or BT28 reduced jacket lamp.
- Not applicable with L/LP.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Consult factory for available wattages.
- May be ordered as accessory.
- Must specify finish.
- For use with slipfitter.
- For use with yoke.
- Maximum allowable wattage lamp included.
- Photocell not included.
- May be ordered as accessory. Prefix with fixture name (ie TFLUV).
- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 is not available in 347V or 480V.
- These wattages do not comply with California Title 20 regulations.

TFR

Contour®



Intended Use

Use for recreation areas, parking lots, building facades, and car lots.

Features

- Housing is die-cast aluminum for enhanced durability
- Thermal and shock-resistant, tempered, flat, glass lens is designed to stand up to the elements
- Anodized, specular, aluminum reflector provides efficient rectangular beam pattern

Listings

Listed and labeled to UL standards. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). UL Listed for 25°C ambient; 40°C for 250M and below or 150S and below. UL Listed for wet locations. CA Title 20 (see Options). IP65 rated.

ORDERING INFORMATION

Specifications subject to change.

Example: TFR 400M TA TB SCWA LPI

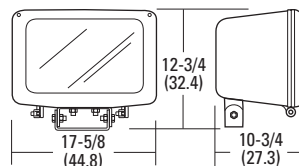
Series	Lamp type ¹		Distribution		Voltage	Ballast	Mounting			
TFR	<u>High pressure sodium¹</u>	200M ³	RB	Horizontal, 6X6	120	(blank) Magnetic ballast	<u>Shipped installed</u>		FSPB	Steel square pole bracket ¹¹
		250M	RC	Horizontal, 5X5	208 ⁶	CWI Constant wattage isolated ⁸	(blank) Yoke	FTS	Tenon Slipfitter	
	150S	320M ³	TA	Horizontal, 7X6 ⁵	240 ⁶	SCWA Super CWA isolated	IS Integral slipfitter (2-3/8" OD tenon)		(2-3/8" to 2-7/8" OD tenon) ¹²	
	250S	350M ^{3,17}			277		<u>Shipped separately^{8,9}</u>	EY	Extended yoke ^{12, 13}	
	400S	400M ¹⁶			347		FRWB Radius wall bracket ¹¹	FWPB	Wall/wood pole/pipe bracket ¹²	
	<u>Metal halide</u>	<u>Metal halide</u>			480 ⁶			FSAB	Steel angle bracket	
	150M	<u>ceramic</u>			TB ⁷					
	175 ¹⁷	150MHC ⁴			23050HZ ⁸					
	250M ¹⁶									

Options						Finish	Lamped
Shipped installed	CF	Charcoal filter	PE4	NEMA twist-lock PE (480V)	(blank)	Dark bronze	LPI Lamp included
SF Single fuse (120V, 277V, 347V)	CSA	Meets Canadian standards	PE7	NEMA twist-lock PE (277V)	DBL	Black	L/LP Less lamp
DF Double fuse (208V, 240V, 480V)	NOM	Meets Mexican standards (consult factory)	SC	Shorting cap for PER option	DMB	Medium bronze	
EC Emergency circuit ¹⁴	INTL	Available for MH probe start shipping outside the U.S.	VG	Vandal guard ¹³	DNA	Natural aluminum	
QRS Quartz restrike system ¹⁴	REGCI	California Title 20 effective 1/1/2010 ¹⁶	WG	Wire guard ¹³	DWH	White	
PER NEMA twist-lock receptacle only ¹⁵	Shipped separately ⁹		FG	Full visor ^{10, 13}	CRT	Non-stick protective coating (black)	
C22 2' 12-3 cord prewired ¹²	PE1	NEMA twist-lock PE (120, 208, 240V)	UV	Upper visor ^{10, 13}			
C42 2' 14-3 cord prewired ¹²	PE3	NEMA twist-lock PE (347V)					
C62 2' 16-3 cord prewired							

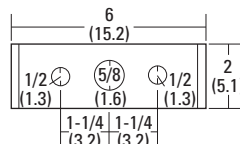
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

LAMP/FIXTURE DATA					
LAMP TYPE	DIST.	CIRCUIT	LAMP SHAPE	BEAM SPREAD H° x V°	NEMA DIST.
150S	RB	XHP	E17	114 x 107	6 x 6
150S	RC	XHP	E17	100 x 92	5 x 5
250S	TA	CWA	ET18	132 x 118	7 x 6
250S	RB	CWA	ET18	110 x 104	6 x 6
250S	RC	CWA	ET18	99 x 97	5 x 5
400S	TA	CWA	ET18	132 x 118	7 x 6
400S	RB	CWA	ET18	110 x 104	6 x 6
400S	RC	CWA	ET18	99 x 97	5 x 5
175M	TA	CWA	BT28	132 x 111	7 x 6
175M	RB	CWA	BT28	121 x 91	6 x 5
175M	RC	CWA	BT28	100 x 90	5 x 5
250M	TA	CWA	BT28	132 x 111	7 x 6
250M	RB	CWA	BT28	121 x 91	6 x 5
250M	RC	CWA	BT28	100 x 90	5 x 5
400M	TA	CWA	BT37	138 x 119	7 x 6
400M	RB	CWA	BT37	124 x 107	6 x 6
400M	RC	CWA	BT37	96 x 100	5 x 5



EPA: 1.3 ft² (0.12 m²)
Weight: 27 lbs (12.2 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Not available with SCWA.
- 2 Universal mogul base lamp allows TFR to be available with SCWA except 480V.
- 3 Must be ordered with SCWA.
- 4 Not applicable with L/LP.
- 5 Not available with 150S.
- 6 Must specify CWI for use in Canada.
- 7 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 8 Consult factory for available wattage.
- 9 May be ordered as accessory.

- 10 Must specify finish.
- 11 Requires IS or FTS slipfitter.
- 12 Yoke mounting only.
- 13 Prefix with fixture name (e.g., TFRVY) when ordered as accessory.
- 14 Maximum allowable wattage lamp included.
- 15 Photocell not included.
- 16 These wattages require the REGCI option to be chosen for shipments into California for Title 20 compliance. 250M REGCI is not available in 347V or 480V.
- 17 These wattages do not comply with California Title 20 regulations.

Intended Use

Ideal for signs, flags, building facades and landscaping.

Features

- Housing is die-cast aluminum for enhanced durability
- Thermal and shock-resistant, tempered, flat, glass lens is designed to stand up to the elements
- Hydroformed, anodized aluminum, faceted parabolic (RB, RG) or die-formed (TA) construction provides high efficiencies
- Offered with porcelain, medium-base, horizontally-oriented (RB, RG) or vertically-oriented (TA) socket with copper alloy, nickel-plated screw shell and center contact

- Die-cast aluminum 1/2" NSPM threaded mounting knuckle is standard. Corrosion-resistant, painted steel yoke is optional

Listings

UL Listed. CSA or NOM Certified (see Options). UL Listed for wet locations and 25°C ambient temperature. IP65 rated.

TFM

Contour®

**ORDERING INFORMATION**

Specifications subject to change.

Example: TFM 100M RB TB LPI

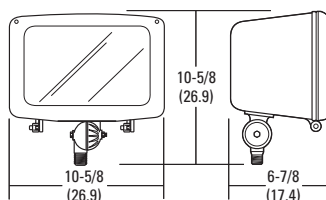
Series	Wattage			Distribution	Voltage		Ballast		Mounting
TFM	Metal halide	Ceramic metal halide	High pressure sodium ¹	TA (7 X 6)	120	347	(blank)	Magnetic ballast	<u>Shipped installed</u>
	50M ¹	50MHC ¹	355 ⁴	RB (6 X 6)	208 ⁶	480 ⁶	CWI	Constant wattage isolated	(blank) Knuckle
	70M ¹	70MHC ¹	505 ⁵	RG (3 X 3)	240 ⁶	TB ⁷	XHP	High-reactance HPF ballast ⁹	YK Yoke mounting
	100M ¹	100MHC ¹	705 ⁵		277	23050HZ ⁸	SCWA	Super SCWA pulse start ballast ¹⁰	<u>Shipped separately</u> ^{11,12}
	150M ¹	150MHC	100S						TFMTS Tenon slip-fitter (2-3/8" OD tenon)
	175M ^{1,2,3}		150S						
Options				Finish ¹⁵				Lamp ¹⁷	
<u>Shipped installed in fixture</u>				(blank)	Dark bronze	DTG	Tennis green	LPI	Lamp included
SF	Single fuse, (120V, 277V, 347V) ¹³			INTL	International shipment for 175M	DNA	Natural aluminum	L/LP	Less lamp
DF	Double fuse, (208, 240, 480V) ¹³			<u>Shipped separately</u> ^{11,12,14}					
PE	Photocell			WG	Wire guard	DBL	Black	DSS	Sandstone
C62	2' 16-3 cord prewired			VG	Vandal guard	DSB	Steel blue	DWH	White
C42	2' 14-3 cord prewired			UV	Upper visor	DMB	Medium bronze	CR	Enhanced corrosion resistance
C22	2' 12-3 cord prewired ¹²			FV	Full visor	DGC	Charcoal gray	CRT	Non-stick protective coating ¹⁶
CSA	CSA Certified								

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS				
HEIGHT (INCLUDES KNUCKLE)	WIDTH	DEPTH	*WEIGHT	EPA
10-5/8" (26.9 cm)	10-5/8" (26.9 cm)	6-7/8" (17.5 cm)	14.05 lbs (6.37 kg)	0.5 ft ²

*Weight as configured in example below. All dimensions are inches (centimeters) unless otherwise specified.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Not available with SCWA.
- Not available with TA reflector. N/A with SCWA. Only available as probe start and CSA, NOM, or INTL is required.
- These wattages do not comply with California Title 20 regulations.
- 355 is available only with 120V. Not available with XHP.
- High reactance, HPF ballast (XHP) is available with 50S or 70S, 120V only.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347.

- Consult factory for available wattages.
- XHP is available with 50S or 70S, 120V only.
- Available with 150M or 150MHC only.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Must specify voltage. Not available with TB, or with TA distribution. Not available with 480V or TB.
- Prefix with TFM when ordered as an accessory.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.
- Must be specified. L/LP not available with MHC.

PRODUCT INFORMATION

TSP

Tru-Sport®

**Intended Use**

Use for stadiums, fields, arenas, tracks or courts.

Features

- Two-piece die-cast aluminum ballast housing is mounted to galvanized steel trunnion
- Steel trunnion features vertical and horizontal aiming scale with vertical repositioning stop
- Includes heavy-gauge anodized reflector with five distributions available
- Optical chamber is sealed to inhibit the intrusion of contaminants
- Hinged lens is thermal-, shock- and impact-resistant tempered glass

- All electrical components are thermally isolated from the optical assembly, promoting longer life
- Ballast is high power factor, constant-wattage auto transformer and 100% factory tested
- Fixture is mounted by securing trunnion directly to cross arm
- No additional adaptors are required

Listings

UL Listed, suitable for wet locations. Below horizontal aiming orientation only. Listed and labeled to comply with Canadian Standards (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: TSP 1500M GP24N TB

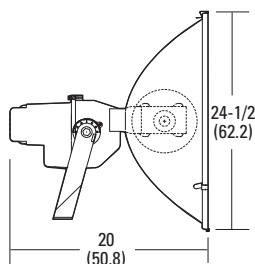
Series	Lamp type	Distribution	Voltage	Ballast	Mounting
TSP	400M	General purpose	Heavy duty ²	120	(blank) Magnetic ballast
	1000M	GP24N	HD24N	208 ³	CWI Constant wattage isolated ⁵
	1500M ¹	GP24NFX	HD24NFX	240 ³	SCWA Super CWA isolated
		GP24M	HD24M	277	
		GP24MFX	HD24MFX	347	
		GP24W	HD24W	480 ³	
		GP24WFX	HD24WFX	TB ⁴	
				23050HZ ⁵	

Options	Finish
Shipped installed	(blank) White
SF Single fuse (120V, 277V, 347V)	DDB Dark bronze
DF Double fuse (208V, 240V, 480V)	DBL Black
QRS Quartz restrike system ⁷	DMB Medium bronze
C22 2' 12-3 cord prewired ¹²	DNA Natural aluminum
C42 2' 14-3 cord prewired ¹²	
C62 2' 16-3 cord prewired	
CV3P 3' of 16-3 cord prewired with 3-prong plug for use with prewired cages ⁸	
CF Charcoal filter ⁹	
SLR Stainless steel lens ring	
WC Mounting bolt for wooden crossarm	
CSA Meets Canadian standards	
INTL Available for MH probe start shipping outside the U.S.	
REGC1 California Title 20 effective 1/1/2010	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



EPA: 3.3 ft² (0.91m²)
Max weight: 55 lbs (24.9 kg)

Notes

- 1 Not available with SCWA.
- 2 Heavy-duty anodized aluminum shroud painted to match fixture.
- 3 Must specify CWI for use in Canada.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 5 Consult factory for available wattages.
- 6 May be ordered as an accessory. Must specify finish.
- 7 Maximum allowable wattage lamp included.
- 8 Must use mating receptacle, provided by others (N/A 1500M 120V).
- 9 HD option must be ordered.

TV

**Intended Use**

Use for recreational or competitive sports fields, parking areas and industrial yards.

Features

- Heavy-gauge, hydroformed, aluminum ballast housing is mounted to integral die-cast monoframe with horizontal degree aiming scale and repositioning locator
- Die-cast aluminum socket housing provides vertical aiming adjustment, complete with degree aiming scale and repositioning stop
- Heavy-gauge, anodized, aluminum reflectors provide a range of NEMA beamspreads
- Optical chamber is sealed to inhibit the intrusion of contaminants

- Hinged lens is heavy-duty thermal shock and impact-resistant, tempered glass
- All electrical components are contained in the ballast housing that is thermally isolated from the socket housing and optical assembly promoting longer ballast life
- Ballast is high-power factor, constant-wattage auto transformer and 100% factory-tested
- Fixture is mounted by securing the integral cross-arm mounting bracket directly to the cross-arm
- No additional adaptors are required

Listings

UL Listed, for 25°C ambient and wet locations. Listed and labeled to comply with Canadian Standards (see Options).

ORDERING INFORMATION

Specifications subject to change.

Example: TV 1000M GP4 TB

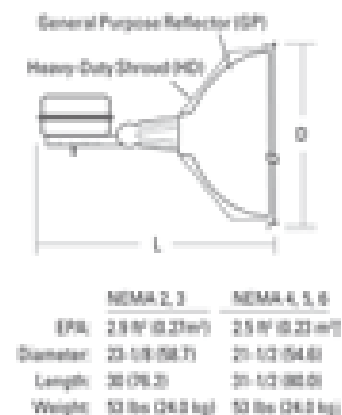
Series	Lamp type	Distribution	Voltage	Ballast	Mounting
TV	High pressure sodium ¹	General purpose	Heavy duty ³	120	Shipped installed
	400S	GP2 ²	HD2	208 ⁴	(blank) 5/8" bolt
	1000S	GP3 ²	HD3	240 ⁴	Shipped separately
	Metal halide	GP4	HD4	277	WC Wood cross-arm mounting bolt (5/8"-11 UNC exposed length 6-3/4", total length 8")
	400M	GP5	HD5	347	TVTS Tevon slipfitter
	1000M	GP6	HD6	480 ⁴	
	1500M ¹		TB ⁵	HRBW HID remote ballast weatherproof (black)	
			23050HZ ⁶	HRB HID remote ballast (white)	

Options								Finish	
<u>Shipped installed</u>		C62	2' 16-3 cord prewired	IBL	Internal bottom louver	PE4	NEMA twist-lock PE (480V)	(blank)	Dark bronze
SF	Single fuse (120V, 277V, 347V)	CV3P	3' of 16-3 cord prewired with 3-prong plug for use with prewired cages ¹²	CSA	Meets Canadian standards	PE7	NEMA twist-lock PE (277V)	DBL	Black
DF	Double fuse (208V, 240V, 480V)			NOM	Meets Mexican standards (consult factory)	SC	Shorting cap	DNA	Natural aluminum
QRS	Quartz restrike system ¹⁰	CF	Charcoal filter ¹³			UV	Upper visor ⁸	DWH	White
PER	NEMA twist-lock receptacle only ¹¹	SLR	Stainless steel lens ring	INTL	Available for MH probe start shipping outside the U.S.				
C22	2' 12-3 cord prewired	WC	Mounting bolt for wooden crossarm	<u>Shipped separately</u> ⁷					
C42	2' 14-3 cord prewired	LS	Lamp support	PE1	NEMA twist-lock PE (120, 208, 240V)				
		AH	Above horizontal aiming	PE3	NEMA twist-lock PE (347V)				

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



NEMA	BEAM SPREAD
2	25° H X 24° V
3	43° H X 42° H
4	65° H X 65° H
5	86° H X 86° H
6	102° H X 102° H

Notes

- Not available with SCWA.
- Not available with 1000S.
- Heavy-duty anodized aluminum shroud painted to match fixture.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Consult factory for available wattages.
- May be ordered as an accessory.
- Must specify finish.
- For use with slipfitter.
- Maximum allowable wattage lamp included.
- Photocell not included. Not available 1500M.
- Must use mating receptacle, provided by others (n/a 1500M 120V).
- HD option must be ordered.

PRODUCT INFORMATION

FLOODLIGHTS



Intended Use

Use for commercial or residential signs, entry monuments or facades.

Features

- Housing is die-cast aluminum for enhanced durability
- Includes anodized aluminum reflector with high efficiency and wide beam spread
- Luminaire's tempered glass lens is paired with high temperature gasketing to inhibit intrusion of external contaminants

- Floodlights feature adjustable mounting knuckle with 1/2" NPS threaded stem mounts to standard outlet boxes
- Medium floods (250M and 400M) are yoke mount

Listings

UL Listed (standard). CSA Certified (see Options). UL Listed for wet locations.

CONTRACTOR
SELECT

ORDERING INFORMATION

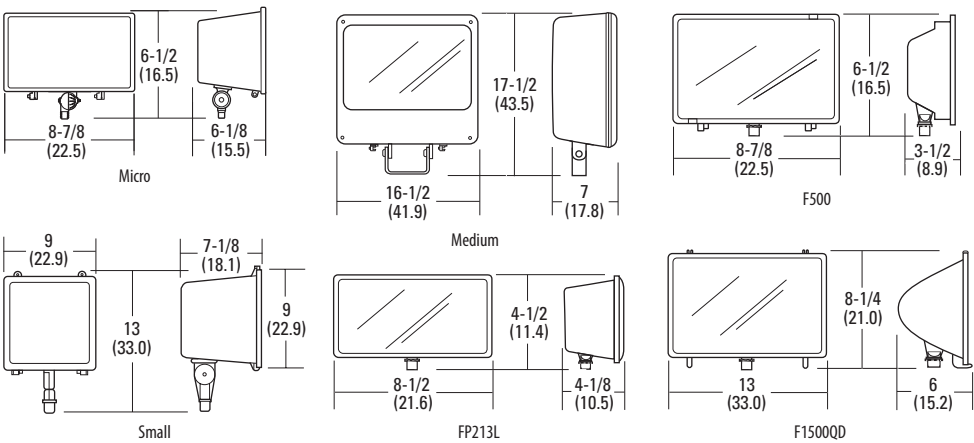
Specifications subject to change.

Catalog number	Description	Wattage	Lamp type	Voltage	Finish	Lamp included	Approx. weight (lbs)	Standard carton Qty.
F50SL 120 M6	Micro floodlight	50S	HPS	120	Dark bronze	Y	7	6
F70SL 120 M6 ¹	Micro floodlight	70S	HPS	120	Dark bronze	Y	7	6
F100SL 120 M6	Micro floodlight	100S	HPS	120	Dark bronze	Y	7	6
F150SL 120 M6 ¹	Micro floodlight	150S	HPS	120	Dark bronze	Y	7	6
F70ML 120 M6 ¹	Micro floodlight	70M	MH	120	Dark bronze	Y	7	6
F100ML 120 M6	Micro floodlight	100M	MH	120	Dark bronze	Y	7	6
F150ML M4	Small floodlight	150M	MH	120/208/240/277	Dark bronze	Y	14	4
F150MSL M4	Spot, small floodlight	150M	MH	120/208/240/277	Dark bronze	Y	14	4
F250ML SCWA	Medium floodlight	250M	MH	120/208/240/277	Dark bronze	Y	29	1
F400ML SCWA	Medium floodlight	400M	MH	120/208/240/277	Dark bronze	Y	29	1
F13L 120 M12	Cast-glass floodlight	13	CFL	120	Dark bronze	Y	6	12
F213L 120 M12 ¹	Cast-glass floodlight	13	CFL	120	Dark bronze	Y	6	12
FP213L 120 M12	Polycarbonate floodlight	13	CFL	120	Dark bronze	Y	2	12
F500QL 120 M12 ¹	Cast-glass floodlight	500Q	Quartz	120	Dark bronze	Y	3	12
F500QLD 120 M12	Cast-glass floodlight	500Q	Quartz	120	Dark bronze	Y	3	12
F1500QD M6 ¹	Cast-glass floodlight	1500Q	Quartz	--	Dark bronze	N	6	6

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

¹ These wattages do not comply with California Title 20 regulations.

Intended Use

The energy savings, long life, and easy-to-install design for the D-Series LED Parking Garage luminaire make it a smart choice for commercial and municipal garage application. It is designed to meet or exceed recommended illuminance criteria when installed as a direct replacement of most HID parking garage luminaires.

Features

- Designed to replace up to a 175W MH luminaire while saving up to 88% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate up to 10 MH lamp replacements



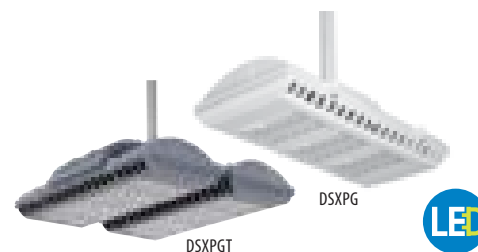
- Precision optics deliver more light to the target area and produce site with exceptional uniformity
- Ultra-efficient light engines and a choice of drive currents allow the luminaire to deliver efficacies of up to 123 LPW
- Available with pendant, surface or trunnion mounting

Listings

CSA Certified to U.S. and Canadian standards. Light engines and luminaire are IP66 rated. Rated for 0-40°C minimum ambient. DesignLights Consortium® qualified product.

D-SERIES PARKING GARAGE

LED Parking Garage

**ORDERING INFORMATION**

Specifications subject to change.

Example: DSXPG LED 20C 1000 40K T5M MVOLT DWHXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Options	Finish	Accessories: Order Separately
DSXPG LED	10C 10 LEDs (one engine) ²	350 350 mA ³	30K 3000K	TSE Type V, entryway	MVOLT ⁴	Shipped included (blank) Pendant mount ⁵	Shipped installed (blank) Dual switching compatible ^{7,8}	DWHXD White	DSXPGYK DWHXD U Yoke/trunnion accessory, white (other finishes available)
	20C 20 LEDs (two engines)	530 530 mA	40K 4000K	TSM Type V, medium	120 ⁴	SRM Surface mount	DMG 0-10V dimming driver (no controls) ²	DNAXD Natural aluminum	
	30C 30 LEDs (three engines)	700 700 mA (1A)	50K 5000K	T5W Type V, wide	208 ⁴	Shipped separately YK Yoke/trunnion mount ^{3,6}	HS House-side shield ^{5,6}	DDBXD Dark bronze	DSXPGHS U House-side shield (1 per light engine)
				T5R Type V, rectangular	240 ⁴		DF Double fuse (208, 240, 480V) ⁹		DSXPGBDS DWHXD U Bird shroud for pendant or yoke, white (other finishes available) ³
DSXPGT LED	40C 40 LEDs (four engines)			ASY Asymmetric	277 ⁴		PIR360SS Utility terminal		DSXPGBDSSJDWHXD U Bird shroud for SRM on surface j-box only, white (other finishes available) ³
	60C 60 LEDs (six engines)				347 ¹		SPD Separate surge protection		
					480 ¹		Shipped separately SLVRD Pendant swivel cover for round or octagonal j-box ³		
							SLVSQ Pendant swivel cover 4" square j-box ³		
							BDS Bird shroud ³		

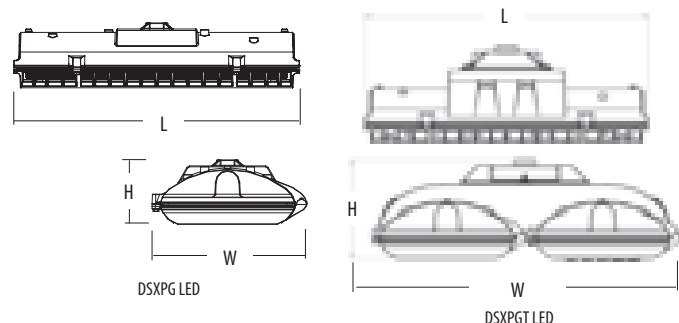
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS

PRODUCT NAME	LENGTH	WIDTH	HEIGHT	WEIGHT (max)
DSXPG LED	17-3/4" (45.1 cm)	8-1/2" (21.6 cm)	3-7/16" (8.7 cm)	16 lbs (7.3 kg)
DSXPGT LED	17-3/4" (45.1 cm)	19-9/16" (49.7 cm)	6-3/16" (15.7 cm)	33 lbs (15.0 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Available with 700 mA option only.
- Not available with 347V or 480V.
- Only available on the DSXPG LED.
- MVOLT driver operates on any line voltage from 120-277 (50/50 Hz.). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Compatible with 3/4" NPT pendant stem, by others.
- Also available as a separate accessory; see Accessories information.
- Provides 50/50 luminaire operation via two independent drivers on two separate circuits.
- Requires an additional switched line.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Specifies the Sensor Switch SBOR-10_ODP control; see Motion Sensor Guide for details. Dimming driver standard.
- See electrical section on the spec sheet for more details.

D-SERIES SURFACE CANOPY

LED Surface Canopy



Intended Use

The energy savings, long life, and easy-to-install design of the D-Series LED Surface Canopy luminaire make the smart choice for canopy lighting in commercial, industrial and institutional applications with mounting heights of 8-15'.

Features

- Designed to replace up to a 175W MH luminaire while saving up to 88% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate up to 10 MH lamp replacements

- Precision optics deliver more light to the target area and produce site with exceptional uniformity
- Ultra-efficient light engines and a choice of drive currents allow the luminaire to deliver efficacies of up to 123 LPW
- Available with pendant, surface or trunnion mounting

Listings

CSA Certified to U.S. and Canadian standards. Light engines and luminaire are IP66 rated. Rated for 0-40°C minimum ambient.

ORDERING INFORMATION

Specifications subject to change.

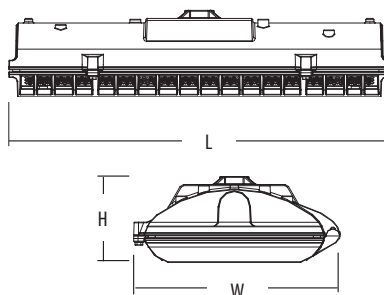
Example: DSXSC LED 20C 700 40K T5M MVOLT SRM DWHXD

Series	LEDs		Drive current		Color temperature		Distribution		Voltage		Mounting	
DSXSC LED	10C	10 LEDs (one engine) ²	350	350 mA	30K	3000K	T5E	Type V, entryway ⁸	MVOLT ³	277 ³	<u>Shipped included</u>	
	20C	20 LEDs (two engines)	530	530 mA	40K	4000K	T5M	Type V, medium	120 ³	347 ¹	SRM	Surface mount
	30C	30 LEDs (three engines)	700	700 mA	50K	5000K	T5W	Type V, wide	208 ³	480 ¹		
			1000	1000 mA (1 A)			T5R	Type V, rectangular	240 ³			
							ASY	Asymmetric				
Options					Finish			Accessories: Order Separately				
<u>Shipped installed</u>			PIR360SS	Motion/ambient light sensor ⁶		DWHXD	White	DSXCHS U	House-side shield (1 per light engine)			
DMG	0-10V dimming driver (no controls) ²		SPD	Separate surge protection ⁷		DNAXD	Natural aluminum	DSXSCBDSJ DWHXD U	Bird shroud for SRM on surface J-box only (specify finish)			
HS	House-sided shield (housing visor) ⁴		<u>Shipped separately</u>				DDBXD	Dark bronze				
SF	Single fuse (120, 277, 347V) ⁵		BDS	Bird shroud ⁴								
DF	Double fuse (208, 240, 480V) ⁵											

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
LENGTH	WIDTH	HEIGHT	WEIGHT (max)
17-3/4"	8-1/2"	3-7/16"	16 lbs
(45.1 cm)	(21.6 cm)	(8.7 cm)	(17.3 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Available with 700mA option only.
- 2 Not available with 347V or 480V.
- 3 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- 4 Also available as a separate accessory; see Accessories information.
- 5 Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- 6 Specifies the Sensor Switch SBOR-10-ODP control; see Motion Sensor Guide for details. Dimming driver standard.
- 7 See the electrical section on the spec sheet for more details.
- 8 DesignLights Consortium qualified product.

OLWCM
LED Ceiling Mount



Intended Use

Ideal for outdoor applications such as parking areas, garages, carports, loading areas and covered walkways. Ideal for indoor applications such as factories and warehouses.

Features

- Designed to replace up to 250W MH luminaire while saving up to 75% in energy
- LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- OLWCM 36 provides a tight, round distribution for maximum footcandle levels in smaller areas
- OLWCM 46 and 57 provide wider distributions and are designed to illuminate larger areas
- Designed for ceiling mounting between 8 and 15 feet or pendant mounting to enable custom mounting heights; downlight only

Listings

UL Certified to U.S. and Canadian safety standards for wet locations. Rated for -40°C to 40°C operating temperature.



ORDERING INFORMATION

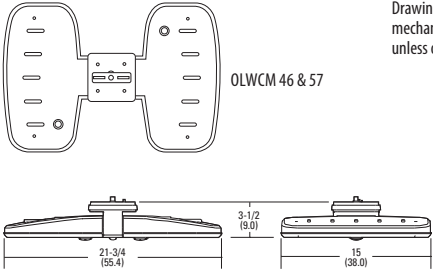
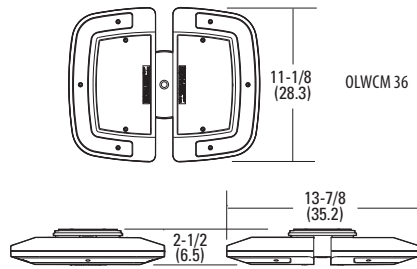
Specifications subject to change.

Example: OLWCM 36

Series	Lumens/Color temperature (CCT) ¹	Voltage	Finish	Accessories: Order Separately
OLWCM LED ceiling/pendant	<u>960 mA options</u> 36 3600 lumens/5700K ¹ 46 4600 lumens/5000K ¹ 57 5700 lumens/5000K ¹	(blank) MVOLT (120V-277V)	(blank) DDB dark bronze	FCOS M24 Full cutoff shield, OLWCM 36 only

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

¹ Correlated Color Temperature (CCT) shown is nominal per ANSI C78,377-2008.

KACM

**Intended Use**

Use for parking garages, convenience stores, hotels, and walkways.

Features

- Die-cast with soft corner aluminum housing and 0.12" nominal wall thickness
- Die-cast hinged door frame is fully gasketed with one-piece tubular silicone

- Reflector is optical-quality aluminum that works in tandem with a light-diffusing prismatic lens
- Drop-dish acrylic lens or drop-dish polycarbonate lens
- Available for improved aesthetics

Listings

UL Listed for wet locations. Listed to comply with Canadian standards (see Options). Covered ceiling mount on concrete, steel, or aluminum. Not for use in dwellings.

ORDERING INFORMATION

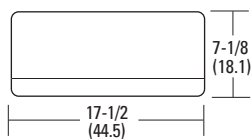
Specifications subject to change.

Example: KACM 400M DPA TB SCWA LPI

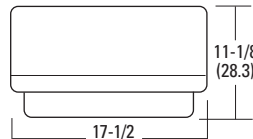
Series	Lamp type			Distribution		Voltage	Ballast		Mounting
KACM	High pressure sodium ¹	Metal halide	Metal halide ceramic ⁴	FP	Flat C73T ⁶	120	(blank)	Magnetic ballast	Shipped installed
	150S	150M	150MHC	DPA	Drop acrylic	208 ⁷	CWI	Constant wattage isolated ⁹	(blank) Surface mount
	250S	175M ²	Induction	DPP	Drop polycarbonate	240 ⁷	SCWA	Super CWA ballast	TC Thru-wire conduit tee
	400S	200M ³	165IL ⁵			277			Shipped separately ¹¹
		250M				347			YK Yoke ^{12, 13}
		320M ³				480 ⁷			
		350M ^{1,2}				TB ⁸			
		400M				23050HZ ⁹			
						TVOLT ¹⁰			
Options							Finish ¹⁷		Lamped
Shipped installed			INTL	Available for MH probe start shipping outside the U.S.			(blank)	Dark bronze	LPI Lamp included
SF	Single fuse (120V, 277V, 347V)			Shipped separately ¹¹			DBL	Black	L/LP Less lamp
DF	Double fuse (208V, 240V, 480V)		VG	Vandal guard ¹⁵			DGC	Charcoal gray	LP Lamp factory installed
EC	Emergency circuit ¹⁴		WG	Wire guard ¹⁶			DMB	Medium bronze	
QRS	Quartz restrike system ¹⁴						DNA	Natural aluminum	
CSA	Meet Canadian standards						DWH	White	
NOM	Meets Mexican standards (consult factory)						DSS	Sandstone	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.



Max. weight: 40 lbs. (18.1 kg)
Flat Lens



Max. weight: 40 lbs. (18.1 kg)
Drop Lens

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Not available with SCWA.
- 2 Universal mogul base lamp allows KACM to be available with SCWA.
- 3 Must be ordered with SCWA.
- 4 Not applicable with L/LP.
- 5 Must be ordered with LP option.
- 6 Not available with 165IL.
- 7 Must specify CWI for use in Canada.
- 8 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 9 Consult factory for available wattages.
- 10 Induction only.
- 11 May be ordered as an accessory.
- 12 Order accessory as KACMYK.
- 13 Must specify finish.
- 14 Maximum allowable wattage lamp included.
- 15 FP lens only. Order accessory as KACVG.
- 16 Order accessory as KACWG.
- 17 See www.lithonia.com/archcolors for additional color options.

Intended Use

The energy savings and long life of the KACM LED surface-mount luminaire make it a reliable choice for illuminating parking garages, convenience stores, hotels and canopy walkways.

Features

- Designed to replace up to a 250W MH luminaire while saving up to 65% in energy
- LEDs deliver an expected service life of more than 100,000 hours and eliminate up to 10 MH lamp replacements



- Precision optics are available in Type 2, Type 3, Type 4, and Type 5 distributions
- Available with surface and yoke/trunnion mounting

Listings

CSA Certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for 0-40°C minimum ambient. DesignLights Consortium® qualified product.

KACM LED

LED Surface Luminaire

**ORDERING INFORMATION**

Specifications subject to change.

Example: KACM LED 1 63B530/40K S35 MVOLT DDBXD

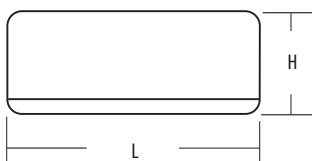
Series	Light Engines	Performance Package		Distribution	Voltage
KACM LED	1 One engine (49 or 63 LEDs)	<u>350 mA options</u>	<u>530 mA options</u>	SR2 Type II	MVOLT ¹
		49B350/30K 3000K	63B350/30K 3000K	SR3 Type III	120 ¹
		49B350/40K 4000K	63B350/40K 4000K	SR4 Type IV	208 ¹
		49B350/50K 5000K	63B350/50K 5000K	SR5 Type V	240 ¹
		63B350/30K 3000K			277 ¹
		63B350/40K 4000K			347
		63B350/50K 5000K			480

Mounting	Finish	Accessories: Order Separately
<u>Shipped installed</u>	DDBXD Dark bronze	KACMYK DDBXDU Yoke/trunnion accessory (specify finish)
(blank) Surface mount	DBLXD Black	KACWG U Wire guard accessory
TC Through-wire conduit tee	DNAXD Natural aluminum	KACVG U Vandal guard accessory
<u>Shipped separately</u>	DWHXD White	
YK Yoke-trunnion mount ²	DDBTXD Textured dark bronze	
	DBLBXD Textured black	
	DNATXD Textured natural aluminum	
	DWHGXD Textured white	

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

SPECIFICATIONS			
LENGTH	WIDTH	HEIGHT	WEIGHT (max)
17-1/2"	17-1/2"	7-1/8"	36 lbs
(44.5 cm)	(44.5 cm)	(18.1 cm)	(16.4 kg)



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Also available as a separate accessory; see Accessories information.
- Not available with 347V or 480V.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

OLCFM

Outdoor LED Cast Flush Mount



Intended Use

The OLCFM provides years of maintenance-free general illumination for residential and commercial outdoor applications such as porches, covered walkways and store entrances.

Features

- Designed to replace up to 100W incandescent luminaire while saving up to 80% in energy
- LEDs deliver an expected service life of 50,000 hours and eliminate the frequent lamp changes associated with traditional sources

- Versatile and attractive, the OLCFM can be seamlessly and beautifully integrated throughout a site in either wall- or ceiling-mount applications
- ADA compliant for wall-mount applications

Listings

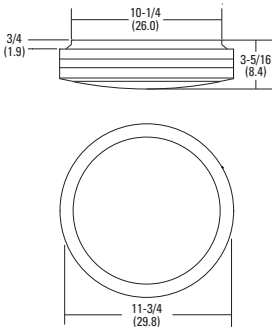
UL Certified to U.S. and Canadian safety standards for wet location ceiling-mounting or wall-mounting higher than 4 feet off the ground. Rated for outdoor applications, -30°C to 40°C ambient temperature.



ORDERING INFORMATION		Specifications subject to change.				Example: OLCFM 15 DDB	
Series	Light engine	Color temperature (CCT) ¹		Voltage		Finish	
OLCFM	15	(blank)	4000K	(blank)	120V	DDB WH	Dark bronze White

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes
1 Nominal Correlated Color Temperature (CCT) per ANSI C78, 377-2008.

LED CEILING MOUNT



Intended Use
41 watt LED ceiling light delivers 3,389 lumens for an energy-efficient replacement of 250W MH canopy/ceiling lights. Traditional style does not detract from current building aesthetics. The VRC LED provides years of maintenance-free general illumination for outdoor applications. Ideal for entrances, parking areas, covered walkways and loading docks.

- Features**
- Designed to replace up to a 250W MH luminaire while saving up to 86% in energy

- LEDs deliver an expected service life of more than 100,000 hours and eliminate the frequent lamp changes associated with traditional sources
- Housing is sealed to inhibit intrusion of moisture and external contaminants
- Mounts to a recessed junction box or surface mount with three conduit entry points

Listings
UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards. Rated for outdoor applications, -40°C minimum ambient temperature.

CONTRACTOR
SELECT

ORDERING INFORMATION

Specifications subject to change.

Example: VRC LED 1 50K MVOLT

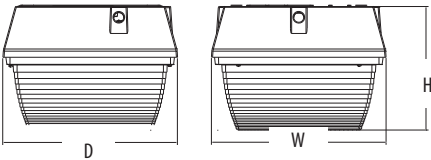
Series	Light engine	Color temperature (CCT) ¹	Voltage	Finish
VRC LED	1 3,389 lumens	50K 5000K ¹	MVOLT ²	(blank) Dark bronze

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

SPECIFICATIONS			
WIDTH	HEIGHT	DEPTH	WEIGHT
12-3/8"	8-3/4"	12-3/8"	7.5 lbs
(31.5 cm)	(22.3 cm)	(31.5 cm)	(3.4 kg)



Notes
1 Correlated Color Temperature (CCT) shown is nominal per ANSI C78, 377-2008.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).

PGR



Intended Use

Ideal use for parking garage applications.

Features

- Upper housing is die-cast aluminum with one-piece silicone gasketing
- Lower housing is precision injection-molded, UV-stabilized, acrylic
- Includes semi-specular faceted vacuum metalized aluminum reflector for optimal lighting distribution
- Quick-mount plate is galvanized steel with full pad gasket

- Integral mounting support allows fixture to hinge down for easy electrical connections
- Various lamp/ballast configurations offer a more efficient lighting solution and enhanced versatility

Listings

UL Listed 25°C ambient operation and wet locations. 40°C ambient option available. Listed and labeled to UL standards (see Options). Listed and labeled to CSA standards (see Options). NOM Certified (see Options). U.S. Patent No. D402,075. Canada Patent No 86779.

ORDERING INFORMATION

Specifications subject to change.

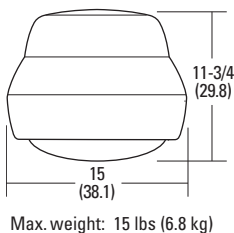
Example: PGR 100M TB LPI

Series	Lamp type				Voltage	Ballast	Mounting	Options
PGR	High pressure sodium ¹	Metal halide	Metal halide ceramic ⁴	Compact fluorescent	120	(blank) Magnetic or electronic ballast ²³	Shipped separately ¹⁵	Shipped installed
	70S	50M ^{1,2}	50MHC ^{1,2}	2/42TRT	208 ^{7,8}	CWI Constant wattage isolated ⁹	(blank) Surface mount	SF Single fuse (120V, 277V, 347V)
	100S	70M ^{1,2}	70MHC ^{1,2}	2/57TRT	240 ^{7,8}	SCWA Super CWA ballast	YK Yoke	DF Double fuse (208V, 240V, 480V)
	150S	100M ¹	70MHC ^{1,2}	2/70TRT	277 ⁸	HEB Electronic metal halide	OJB Offset junction box	GMF Internal slow-blow fusing
	250S	150M	Electronic metal halide ^{1,2,5}	Induction ⁶	347 ⁸		OJBHK Offset junction box (for use with HEB, CFL, IL)	EC Emergency circuit ¹⁶
	400S	175M		85IL	480 ^{7,8,9,10}			QRC Quartz restrike system ¹⁶
		200M ³		85IL/40	TB ^{10,11}			QRSTD QRS time delay ^{16,17}
				50M	23050HZ ¹²			KWI KiloWatch 120V control ¹⁸
				70M	MVOLT ¹³			KW4 KiloWatch 277V control ¹⁸
					TVOLT ¹⁴			
Options (continued)						Finish		Lamped
TP	Tamperproof			CSA	Meets Canadian standards	(blank)	White	LPI Lamp included
HS	House-side shield ^{19,20}			NOM	Meets Mexican standards (consult factory)	DDB	Dark bronze	L/LP Less lamp
HSR	House-side glare shield ready ^{19,20}			INTL	Available for MH probe start shipping outside the U.S.	DBL	Black	LP Lamp factory installed
HA	High ambient (40°C) ^{20,21,22}				Shipped separately ¹⁵	DGC	Charcoal gray	
FLR	Frosted lower lens			BDS	Bird deterrent shroud	DNA	Natural aluminum	
DN	Downlight focused ^{8,10,19,21}							
PC	Polycarbonate refractor/lower housing/lens							

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



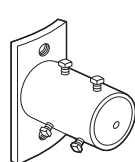
Notes

- 1 Not available with SCWA.
- 2 Not available with 480V.
- 3 Must be ordered with SCWA option.
- 4 Not applicable with L/LP.
- 5 Must be ordered with HEB option. (For ceramic lamp, order as 50MHC or 70MHC).
- 6 Must be ordered with LP option. Optimized for use in areas where ambient temperature does not exceed 20°C. Higher ambient temperatures may reduce lamp life.
- 7 Must specify CWI for use in Canada.
- 8 Not available with induction.
- 9 Available in 150S, 175M and 200M only.
- 10 Not available with compact fluorescent.
- 11 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 12 Consult factory for available wattages.
- 13 Optional multi-volt electronic ballast capable of operating on any line voltage from 120V-277V. Use for both compact fluorescent and electronic HID.
- 14 Optional tri-volt electronic ballast capable of operating on any line voltage from 200V-277V. Available with induction only.
- 15 May be ordered as an accessory. Must specify finish. Prefix with fixture name and size (e.g. PGRYK U).
- 16 Maximum allowable wattage lamp included.
- 17 Not available with KiloWatch.
- 18 Available with 175M, 200M and 150S only.
- 19 Not available with HA (high ambient) option.
- 20 Not available with DN (downlight focused) option.
- 21 Not available with HS (house-side glare shield).
- 22 Not available with 200M.
- 23 Electronic ballast used in compact fluorescent only.

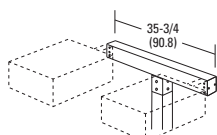
- = Available as an option, shipped included
 □ = Available as an accessory, shipped separately

AREA LIGHTING

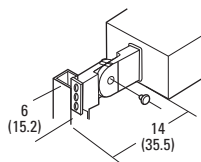
NOMENCLATURE	DESCRIPTION	AS	KSE	KSF	KAD	KAC	KVE	KVR	KVS	KAR	KVF	MR	MRP
DA12P	Degree mounting arm. 30° max. up tilt in 5° increments. Single or twin 180° config. for KVS.		□	□					□				
DA12WB	Degree arm for wall. 30° max. up tilt in 5° increments. Single or twin 180° config. for KVS.		□	□					□				
DAD12P	Degree mounting arm. 30° max. up tilt, 5° increments.				□	□				□			
DAD12WB	Degree arm for wall. 30° max. up tilt, 5° increments.				□	□				□			
EHS	External house-side shield.							□			□		
HS	House-side shield (consult factory). (Ships separate for KVE R2, R3.)	■	□	□	□		■		■	■		■	■
KMA	Mast arm mounting for area lighting, 6" min. arm length. Use for 2-3/8" OD pipe.	□	□	□	□	□		□	□	□	□		
KTMB	Twin mounting bar square mounting arms. (EPA=1.1, wt.=41lbs) Mounts on T25 (2-7/8" OD tenon by 5" tall minimum).		□	□	□	□		□	□	□	□		
MA	Master arm for single/twin 180° configuration, internal fitter (Size 3 only).								■				
PT4	Post-top (4" OD open-top pole).						■	■			■		■
PT45	Post-top (4-1/2" OD open-top pole).						■	■			■		
PT5	Post-top (5" OD open-top pole).						■	■			■		
PT6	Post-top. Must use with round pole only for KVR (6" OD open-top pole).						■	■ ²			■ ²		
RPx	Round pole mounting arm. (14" arm ships separately).	■	■	■	■	■	■	■	□	□	■	■	
RPF20	Round pole fitter (2-3/8" OD tenon).						□	□			□ ²		
RPF25	Round pole fitter (2-7/8" OD tenon).						□	□			□ ²		
MRPF3	4" to 3" O.D. round open-top pole fitter.												□
MRPF5	4" to 5" O.D. round open-top pole fitter.												□
MRPT20	MRP round pole fitter (2-3/8" tenon).												□
MRPT25	MRP round pole fitter (2-7/8" tenon).												□
MRPT30	MRP round pole fitter (3-1/2" tenon).												□
MRPT35	MRP round pole fitter (4" tenon).												□
SPx	Square pole mounting arm. (14" arm ships separately).	■	■	■	■	■	■	■	□	□	■	■	
SPF20	Square pole fitter (2-3/8" OD tenon).						□	□ ²			□		
SPF25	Square pole fitter (2-7/8" OD tenon).						□	□ ²			□		
VG ⁵	Vandal guard.	■	□	□	□	□ ³		□	□ ⁴	□	□	■	■
WBx	Wall mount for J-box. (Aeris™ only order WBA.) (14" ships separately).	■	■	■	■	■	■		□	□	■	■	
WWx	Wall for conduit stub. (14" ships separately).		■	■	■	■	■	■	□	□	■		
DC_	Deco curved arm.	□										□	



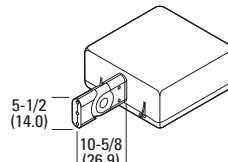
KMA



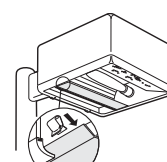
KTMB



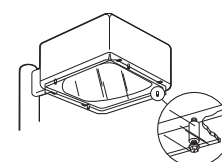
DA12P



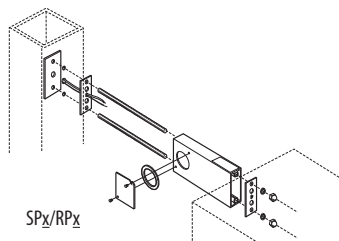
DAD12P



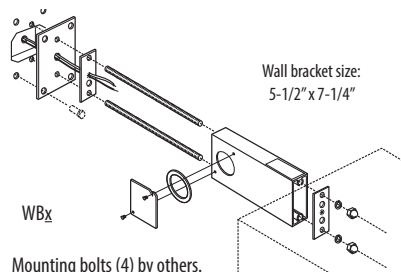
HS-KAD



VG-KAD

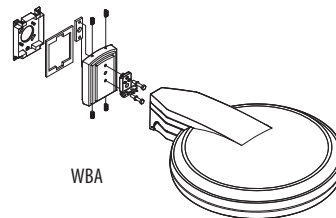


SPx/RPx

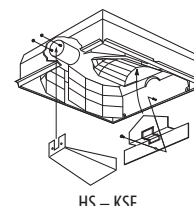


WBx

Mounting bolts (4) by others.
 Minimum fastener size is 1/2" diameter.



WBA



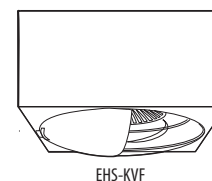
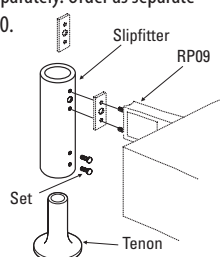
HS-KSF

Tenon Slipfitters for Arm-Mounted Luminaires

Use with all arm-mounted luminaires. When ordered, fixture must include round pole arm (RPx) or pole degree aiming arm (DA12P or DAD12P). To order, locate catalog number from chart below based on tenon size and mounting configuration. Example: For 3 fixtures at 120°, using a 2-7/8" tenon, catalog number is T25-320. Shipped separately. Order as separate catalog numbers. For Aeris™ and OMERO™ fixture specify with prefix AS. Example: AS T20-190.

Tenon OD	1 fixture	2 fixtures at 180°	2 fixtures at 90°	3 fixtures at 120°	3 fixtures at 190°	4 fixtures at 90°
2-3/8"	T20-190	T20-280	T20-290*	T20-320*	T20-390*	T20-490*
2-7/8"	T25-190	T25-280	T25-290*	T25-320*	T25-390*	T25-490*
4"	T35-190	T35-280	T35-290*	T35-320	T35-390*	T35-490*

* See product page for size restrictions.



EHS-KVF

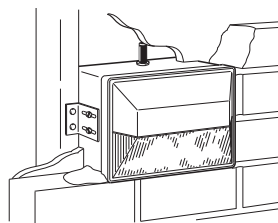
Notes

- Size 1 housing only.
- Size 2 housing only.
- Only available with FP option.
- Only available in KVS1 (R2, R3 and R4).
- Specify family as prefix when ordering as a separate line item. For arm and/or bracket lengths, see product specification sheet or specific product page in this catalog.

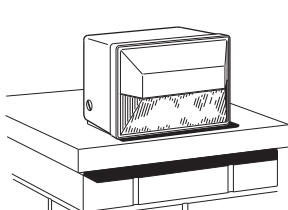
BOLLARDS & WALL-MOUNTED LIGHTING

NOMENCLATURE	DESCRIPTION	ASB	ASW	KBA	KBC	KBD	KBE	KBR	KBS	KL	MRW	MRBX	TWH	TWP	TWA/ TWAC	TWR	TWRC	TWS	WFL	WSR/ WST/ WSQ
BBF	Back box for flat surfaces.									■										
BBR	Back box, recessed (ceiling, soffit mount).									■										
BBW ¹	Back box for surface wall installation.		■							■	■								■	■
FS	Full shield for IES cutoff.												■	■						
FCV	Full cutoff visor.																■			
PC	Polycarbonate lens.									■				■	■			■		
R6S/R8S	Half-shield, not for use with louvered bollards.			■	■	■		■				■								
S6S/S8S	Half-shield, not for use with louvered bollards.	■							■											
WG ¹	Wireguard.		■								■		■	■	■	■	■	■	■	■
VG ¹	Vandal guard.		■								■		■	■					■	■
UTS	Uptilt 5 degrees.										■									■
DFL	Diffusing lens.										■									■
WLU	Wet location door for up orientation.										■									■
IBS	Internal backlight shield.										■									■
LC90	Lock at 90° for full cutoff.																	■		
UCS	Uplight component shield for WSR, inverted orientation with FTU or WTU distribution.																			■
HS	House-side shield for SR2,SR3 or SR4W (size 2).		■																	

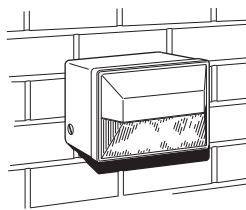
■ = Available as an option, shipped included
 □ = Available as an accessory, shipped separately



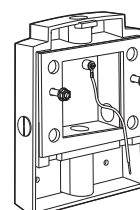
KL (Standard)



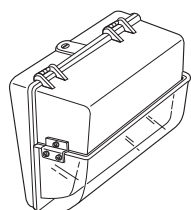
KLBBF



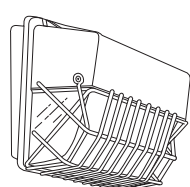
KLBBW



ASWxBBW



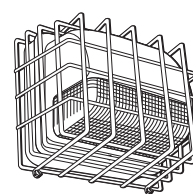
TWHVG



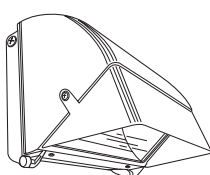
TWHWG



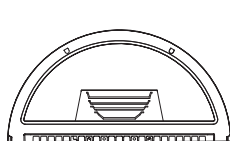
TWPWG



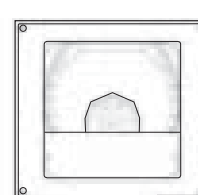
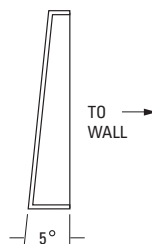
TAWWG



TWRCFCV



UTS

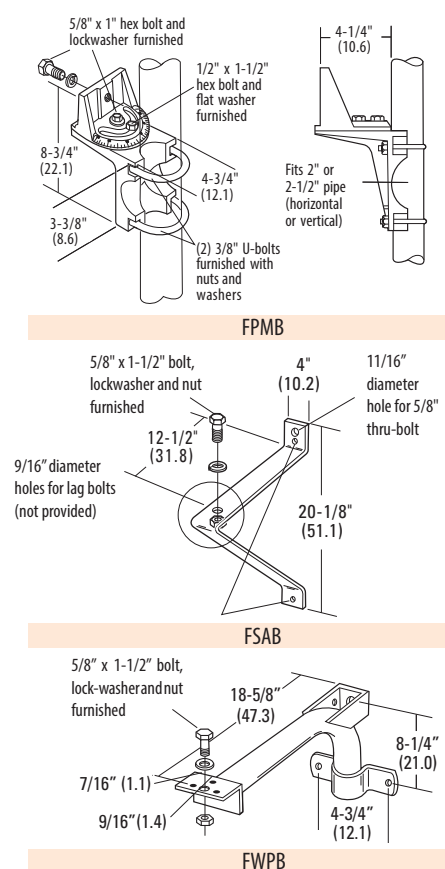
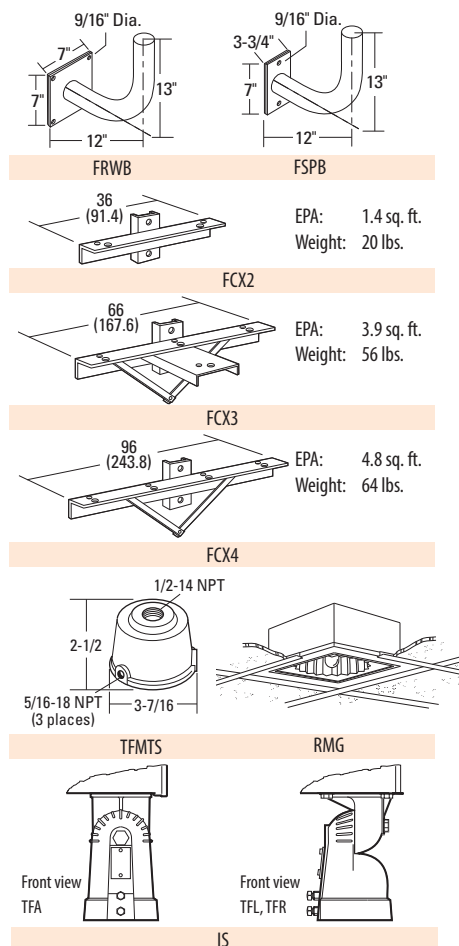
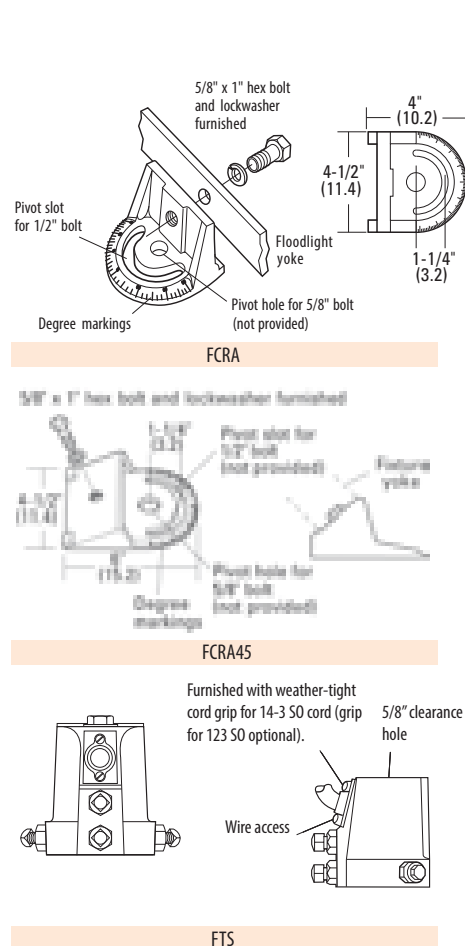


ASWHS

Notes
 1 Specify family prefix.

NOM.	DESCRIPTION	GARAGE			SPORTS		FLOODLIGHTING								
		PGR	KPS	KACM	TSP	TV	ASF	KFL	55	95	170S	TFA	TFR	TFL	TFM
HS	House-side shield (glare shield).	■													
BDS	Bird-deterrent shroud.	□													
OJB	Offset junction box.	□													
RMG	Recessed mount in grid ceiling.		■												
SS	Stainless steel, ceiling-mount housing (alloy 304 stainless steel).		■												
AH	Above horizontal aiming.					■									
CF	Charcoal filter; must use with heavy-duty shroud.				■	■									
FCRA ¹	Crossarm adapter for horizontal mounting (use with yoke mount only).	□			□		□	□				□	□	□	□
FCRA45 ¹	Crossarm adapter for horizontal mounting 45° (use with yoke mount only).				■		□	□				□	□	□	□
SLR	Stainless steel lens rings.				■	■									
IBL	Internal bottom louver; cannot order IBL and TVUV together.					■									
FRWB ¹	Radius wall bracket; 2-3/8" diameter (use with slipfitter mount only).				□	□	□	□	□	□	□	□	□	□	□
FSAB ¹	Steel angle bracket (use with yoke mount only).				□		□	□	□	□	□	□	□	□	□
FSPB ¹	Steel square pole bracket (for use with existing poles). 2-3/8" diameter (use with slipfitter mount only).				□	□	□	□	□	□	□	□	□	□	□
FPMB ¹	Pipe/wood/pole/wall mounting bracket. Mounts to 2" schedule 40 pipe (use with yoke mount only).				□		□	□				□	□	□	□
FWPB ¹	Wall bracket (pipe) (use with yoke mount or standard TV mount).				□	□	□	□	□	□	□	□	□	□	□
FTS ¹	Tenon slipfitter; fits 2-3/8" to 2-7/8" OD tenon (use with yoke mount only).				□		□	□				□	□	□	□
TVTS ¹	Tenon slipfitter; fits 2-3/8" to 2-7/8" OD tenon.				□	□									
TFMTS ¹	Tenon slipfitter for 1/2" threaded knuckle; fits 1-1/4" to 2-3/8" OD tenon. For ground mount only.							□							□
TVUV	Upper visor; cannot be used with IBL.					□									
FCX2 ¹	2-light wood pole crossarm (use with yoke mount or standard TV mount).				□	□	□	□	□	□	□	□	□	□	□
FCX3 ¹	3-light wood pole crossarm (use with yoke mount or standard TV mount).				□	□	□	□	□	□	□	□	□	□	
FCX4 ¹	4-light wood pole crossarm (use with yoke mount or standard TV mount).				□	□	□	□	□	□	□	□	□	□	
YK	Yoke mount, painted.	■	■	■			■	■	■	■	■	■	■	■	■
EY	Extended yoke.												■	■	
THK	Threaded knuckle mount. (Size 1 only for ASF.)						■	■							
IS	Integral slipfitter; fits 2-7/8" max. OD with TFA, 2-3/8" with TFL and TFR.											■	■	■	

■ = Available as an option, shipped included
□ = Available as an accessory, shipped separately



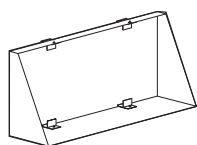
Notes

- Order as separate catalog number. Must specify finish.
- Ships standard with TSP. Order as separate catalog number for other families.

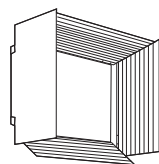
FLOODLIGHTING

NOMENCLATURE	DESCRIPTION	ASF	KFL/WFL	55	95	170S	TFA	TFR	TFL	TFM
BD ¹	Barn doors	<input type="checkbox"/>	<input type="checkbox"/>							
BV ¹	Bottom visor		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			
BVG ¹	Bubble vandal guard	<input type="checkbox"/>	<input type="checkbox"/>							
CV ¹	Concentric visor				<input type="checkbox"/>					
EV ¹	Eggcrate visor (black finish)	<input type="checkbox"/>	<input type="checkbox"/>							
FV ¹	Full visor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FV/BVG ¹	Full visor and bubble vandal guard	<input type="checkbox"/>								
GS ¹	Glare shield (upper or bottom visor)	<input type="checkbox"/>								
GV ¹	Glare visor			<input type="checkbox"/>	<input type="checkbox"/>					
HLV ¹	Horizontal louver (black finish)		<input type="checkbox"/>							
VG ^{1,2}	Vandal guard						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UV ¹	Upper visor		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UV/BVG ¹	Upper visor and bubble vandal guard		<input type="checkbox"/>							
VLV ¹	Vertical louver (black finish)		<input type="checkbox"/>							
WG ¹	Wire guard		<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ = Available as an accessory, shipped separately



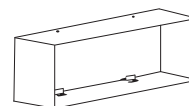
BV – Bottom visor (KFL)



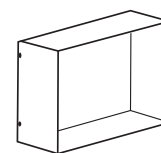
BD – Barn doors (KFL and ASF)



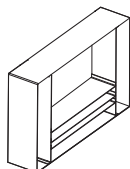
BV – Bottom visor (55/95)



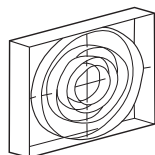
FV – Full visor (KFL and ASF)



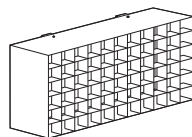
FV – Full visor (55/95)



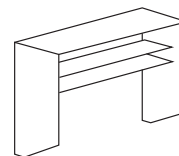
HLV – Horizontal louver (KFL)



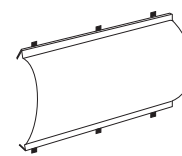
CV – Concentric visor (95)



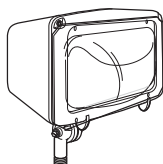
EV – Eggcrate visor (KFL and ASF)



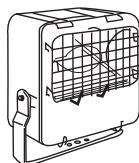
GV – Glare visor (55/95)



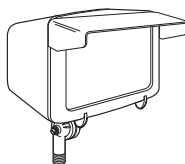
BVG – Vandal guard (KFL and ASF)



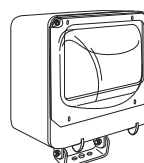
TFMVG/TFRVG



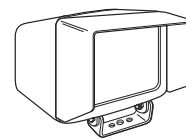
TFAWG



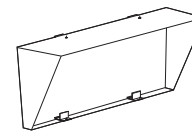
TFMUV/TFRUV



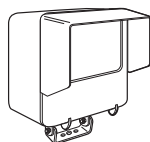
TFLVG



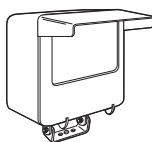
TFMFV/TFRFV



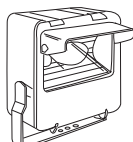
UV – Upper visor (KFL)



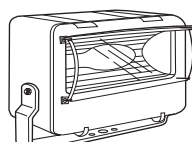
TFLFV



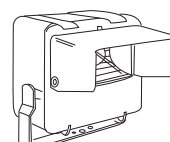
TFLUV



TFAUV



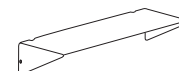
TFAVG



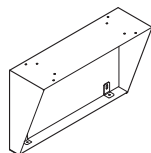
TFAFV



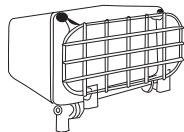
TFLWG



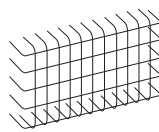
UV – Upper visor (55/95)



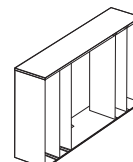
ASFGS



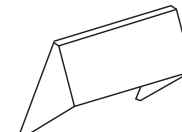
TFMWG/TFRWG



WG – Wireguard (KFL)



VLV – Vertical louver (KFL)



UV – Upper visor (170)

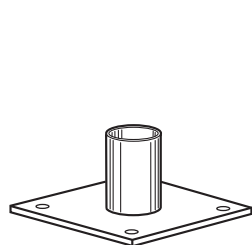
Notes

- Specify family as prefix.
- Vandal guards are compatible with all wattages.

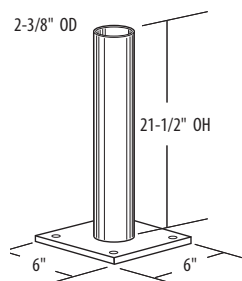
FLOODLIGHTING

NOMENCLATURE	DESCRIPTION	ASF1	ASF2	KFL	55	95	170S	TFA	TFR	TFL	TFM
AJB	Architectural J-box, accepts 1/2" NPT THK.			☐							
AFJB	Architectural J-box, accepts ASF1 standard mounting (3/4" NPT THK).	☐									
EWB	Extended wall bracket, yoke mount only.	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
AFTMB	Twin mounting bar. Requires tenon slipfitter mounting (2-3/8" OD tenon).	☐	☐	☐				☐	☐	☐	
AFTMBTHK	Twin mounting bar, accepts ASF1 standard mounting (3/4" NPT THK).	☐									
KFLTMBTHK	Twin mounting bar for THK option. Only compatible with KFLTHK (1/2" NPT).			☐							
AFSTM	Stanchion mount. Requires tenon slipfitter mounting (2-3/8" OD tenon).	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐ ²
AFSTMTHK	Stanchion mount, accepts ASF1 standard mounting (3/4" NPT THK).	☐									
KFLSTMTHK	Stanchion mount, accepts 1/2" NPT THK.			☐							
AFTM	Tenon-base mount. Requires tenon slipfitter mounting (2-3/8" OD tenon).	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐ ²
AFWMA	Wall-mount arm. Requires tenon slipfitter mounting (2-3/8" OD tenon).	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐ ²
AFWMATHK	Wall-mount arm, accepts ASF1 standard mounting (3/4" NPT THK).	☐									
KFLWMATHK	Wall-mount arm, accepts 1/2" NPT THK.			☐							
AFWMPTHK	Wall-mount plate, accepts ASF1 standard mounting (3/4" NPT THK).	☐									
TS	Tenon slipfitter. Fits 2-3/8" OD tenon (use with 2-1/2" wide yoke only).				☐	☐	☐				
AFTS	Tenon slipfitter, accepts ASF1 standard mounting (3/4" NPT THK).	☐									
STM	Stanchion mount – general purpose (2-3/8" OD tenon).	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐ ²

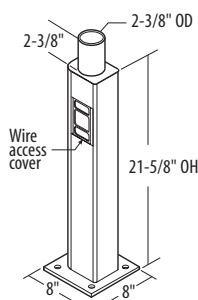
☐ = Available as an accessory, shipped separately. Must specify finish.



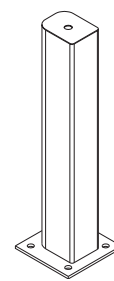
AFTM – Tenon base mount



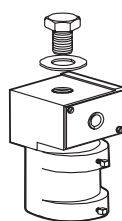
STM – Stanchion mount, general purpose



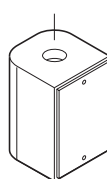
AFSTM – Stanchion mount for tenon slipfitter mounting



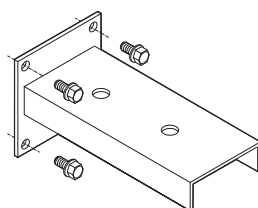
AFSTMTHK and KFLSTMTHK – Stanchion mount for threaded knuckle



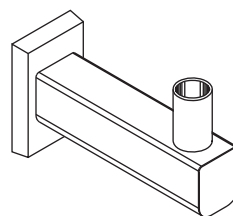
TS – Tenon slipfitter



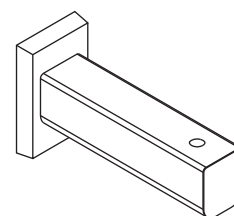
AFJB and AJB – Architectural junction box



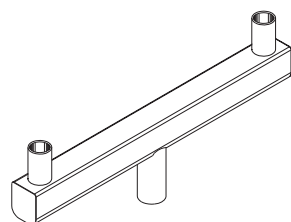
EWB – Extended wall bracket



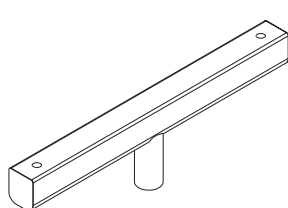
AFWMA – Wall mount for tenon slipfitter mounting



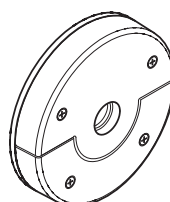
AFWMATHK and KFLWMATHK – Wall-mount arm for threaded knuckle



AFTMB – Twin mounting bar for tenon slipfitter mounting



AFTMBTHK and KFLTMBTHK – Twin mounting bar for threaded knuckle



AFWMPTHK – Wall mounting plate for 3/4" NPT threaded knuckle

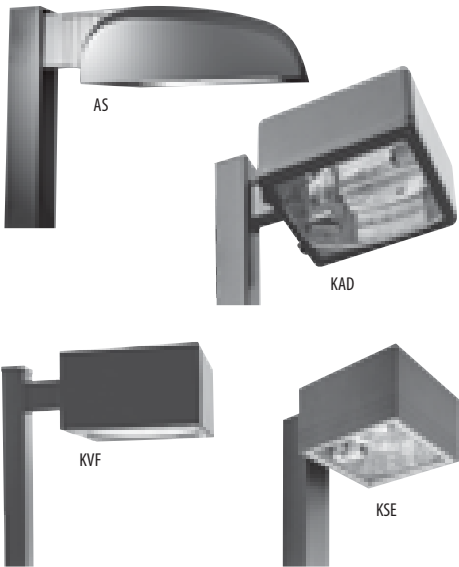


AFTS – Tenon slipfitter for 3/4" NPT threaded knuckle

Notes

- When used with TFM yoke, a 3/8" bolt, two lockwashers and nuts must be furnished by others.
- For use with TFMTS.

AREA LIGHTING



Lithonia Lighting is a leader in providing a variety of outdoor luminaires devoted to energy and environmental concerns. Many communities are interested in maintaining nighttime visibility, safety and security while preserving the night sky. Quality outdoor lighting considers the visual needs of the application while reducing glare and light trespass onto neighboring properties, therefore minimizing sky glow and overall energy usage. Listed below are several Lithonia Lighting product families that include a wide range of cutoff and full-cutoff luminaires that produce quality lighting and minimize night sky glow.

The Illuminating Engineering Society of North America (IESNA, or IES) provides classifications for luminaires according to their glare control and high-angle brightness. These classifications, along with their benefits and limitations, are described in

the Technical and Design Considerations section on pages 1104-1105.

Acuity Brands Lighting uses Nighttime Friendly™ to identify products that reduce negative impacts on the nighttime environment. Products designated with the Nighttime Friendly logo have no uplight, meet the IESNA definition for full cutoff optics and reduce high angle brightness. These measures of luminaire performance are consistent with sustainability standards for light pollution reduction.

For applications where there is a concern with light trespass on neighboring properties, consider products that limit light behind the pole, such as the Type 4 sharp cutoff optical system or house-side shielding.

NIGHTTIME FRIENDLY

Nighttime Friendly designates products with superior optical control that are consistent with the goals of USGBC LEED® and meet Green Globes™ product criteria for light pollution reduction. These products are full cutoff and no more than 10% of the lumens from the luminaire are emitted above 80 degrees from nadir.

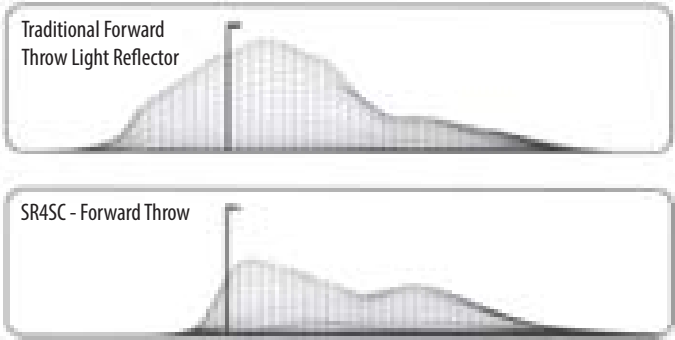
LUMINAIRE	MEETS NIGHTTIME FRIENDLY™ CRITERIA	FULL CUTOFF	PSG PAGE	COMMENTS	TRESPSS SOLUTIONS: SHARP CUTOFF OPTICAL SYSTEM
AS	✓ ¹	✓	520	Aeris™ die-cast housing, dedicated optical platform, 2 housing sizes, flat lens, 400W max.	SR4SC
AST	✓ ¹	✓	520	Aeris™ die-cast housing, dedicated optical platform, aesthetically pleasing tension rod assembly, 2 housing sizes, flat lens, 400W max.	SR4SC
KAD	✓	✓	534	Square die-cast housing, flat lens, 400W max.	SR4SC
KADT	✓	✓	534	Square die-cast housing, aesthetically pleasing tension rod assembly, flat lens, 400W max.	SR4SC
KSF	✓	✓	524	Rectangular housing, 3 housing sizes, flat lens, 1000W max.	R4SC
KSE	✓	✓	526	Crisp square housing, 2 housing sizes, flat lens, 400W max.	R4SC
KVF	✓ ²	✓	528	Square vertical lamp, flat lens, 1000W max.	SR4SC
KAR	✓ ¹	✓	531	Round housing, 3 housing sizes, flat lens, 1000W max.	
MR	✓ ¹	✓	521	MR die-cast housing, dedicated optical platform, 2 housing sizes, flat lens, 400W max.	SR4SC
MRT	✓ ¹	✓	521	MRT die-cast housing, dedicated optical platform, aesthetically pleasing tension rod assembly, 2 housing sizes, flat lens, 400W max.	SR4SC

Sharp Cutoff & Light Trespass

Spill light or light trespass is the light that illuminates surfaces beyond the property line. An example is the light on a bedroom wall coming through the window from the ball field across the street. A number of ordinances place limits on spill light near the

property line as the sole means of controlling light trespass. The most effective way to minimize spill light from a location is to apply forward throw optics around the perimeter. Lithonia Lighting's optic is designed specifically for this application.

For more information on sharp cutoff, visit www.lithonia.com/CutoffLighting/AreaLuminaires.htm.



Notes

1 May not meet Nighttime Friendly™ standards with HS option.

2 Will not meet Nighttime Friendly™ standards with DL or EHS options.

Lithonia Lighting has a diverse selection of wall-mounted luminaires to complement our various Nighttime Friendly™ area luminaires.

Listed below are several product families that include a wide range of cutoff and full-cutoff luminaires that produce quality lighting and minimize night sky glow.

WALL-MOUNTED LIGHTING



LUMINAIRE	MEETS NIGHTTIME FRIENDLY™ CRITERIA	FULL CUTOFF	CUTOFF	PSG PAGE	COMMENTS
ASW	✓ ²	✓		542	Aeris™ die-cast housing, architectural style, 2 housing sizes, 400W max.
WSR ¹ , WST, WSQ	✓ ³	✓		544	Decorative die-cast housing, 175W max.
WFL	✓ ²	✓		546	Architectural style, 2 housing sizes, 400W max., can be ordered with LC90 option to prevent field adjustment.
TWAC			✓	552	Vandal-resistant, polycarbonate lens, 100W max.
TWRC			✓	554	General purpose, die-cast aluminum and tempered glass, 400W max., optional full-cutoff visor (FCV).
TWR1S	✓	✓		554	General purpose, die-cast aluminum and tempered glass, 175W max.
MRW	✓ ²	✓		543	Omero™ die-cast housing, architectural style, 175W max.

Design Recommendations From Industry Associations

Lithonia Lighting is a member of and participates in the activities of all the associations below.

IESNA

The Illuminating Engineering Society of North America provides a variety of reference material on effective outdoor lighting design. Both the IESNA Lighting Handbook, 9th edition, and Recommended Practice No. 33 (RP-33-99), Lighting for Exterior Environments, offer discussions on design practices and suggested spill light limitations.

NEMA

The Luminaire Section of the National Electrical Manufacturers Association published a document entitled “White Paper on Outdoor Lighting Code Issues”. This paper highlights the pros and cons of methods to control light trespass.

The NEMA Statement of Principles on Outdoor Lighting Codes also provides general guidance in the establishment of local lighting ordinances.

IDA

The International Dark-Sky Association is a grassroots organization that promotes quality outdoor lighting practices. Of particular interest to IDA is the reduction of sky glow. Their guidelines are of significant benefit for lighting installations near astronomical observatories or intrinsically dark areas such as national parks.

Notes
1 WSR is downlight only.
2 May depend on optical selection. Consult factory.
3 Does not meet Nighttime Friendly™ standards with uplight distribution options.

FLOODLIGHTING

IES Beamspread Classifications

for general-purpose floodlighting

The IES beam spreads indicate the angular ranges (horizontally and vertically) through which the intensity of the floodlight is greater than 10% of its maximum intensity. This angular range is referred to as the "Field Angle."

For example:

Asymmetrical beam spread
138° (H) x 119° (V)
Horizontal Vertical
= IES 7 x 6

FIELD ANGLE DEGREES	IES TYPE	BEAM DESCRIPTION
10° up to 18°	1	Very narrow
18° up to 29°	2	Narrow
29° up to 46°	3	Medium narrow
46° up to 70°	4	Medium
70° up to 100°	5	Medium wide
100° up to 130°	6	Wide
130° and up	7	Very wide

The IES classification was formerly referred to as NEMA Type.

The following outdoor design tips provide general guidelines for lighting design. These guidelines may not apply to all applications.

Facade Lighting

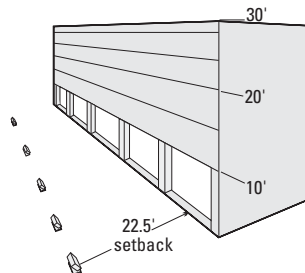
When lighting building facades with ground-mounted floodlights, there are three considerations:

1. Setback
2. Spacing
3. Aiming

1. Setback

The recommended setback is three-fourths the building height. If a building is 30 feet tall, the recommended setback is 22.5 feet from the building. Locating the floodlight closer to the building will sacrifice uniformity; setting it farther back will result in a loss of efficiency.

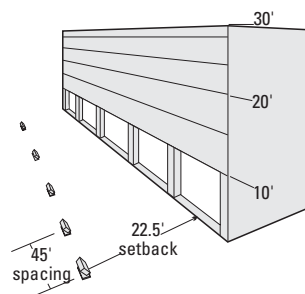
Setback distance = $\frac{3}{4}$ x building height
 $\frac{3}{4}$ (30 ft.) = 22.5 ft.



2. Spacing

The rule of thumb for spacing floodlights is not to exceed two times the setback distance. If the setback is 22.5 feet, the floodlights should not be placed more than 45 feet apart.

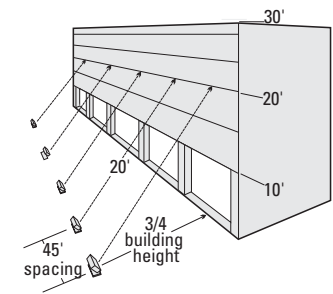
Spacing = 2 x setback distance
 $2 \times 22.5 \text{ ft.} = 45 \text{ ft. apart}$



3. Aiming

The floodlight should be aimed at least two-thirds the height of the building. For example, if a building is 30 feet high, the recommended aiming point is approximately 20 feet high. After installation is complete, aiming can be adjusted to produce the best appearance. *Mounting a full or upper visor to the floodlight can reduce unwanted spill light.*

Aiming point = $\frac{2}{3}$ x building height
 $\frac{2}{3}$ (30 ft.) = 20 ft. high



Sign Lighting

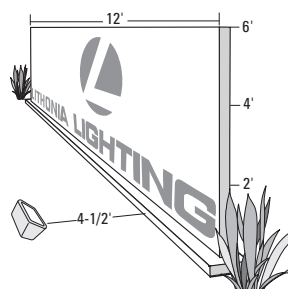
When lighting a sign with ground-mounted floodlights, there are three considerations:

1. Setback
2. Spacing
3. Aiming

1. Setback

When using ground-mounted floodlights to light a sign, the recommended setback is a distance equal to three-fourths the sign height. For example, the setback distance for a 12-foot by 6-foot sign would be 4.5 feet. Locating the floodlight closer will sacrifice uniformity while setting it farther back will result in a loss of efficiency.

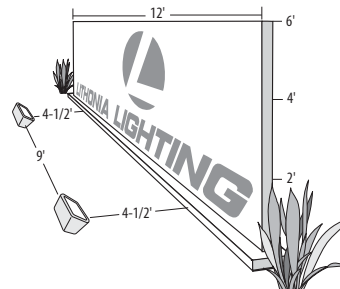
Setback distance = $\frac{3}{4}$ x sign height
 $\frac{3}{4}$ (6 ft.) = 4.5 ft.



2. Spacing

The rule of thumb for spacing floodlights is not to exceed two times the setback distance. If the setback is 4.5 feet, the floodlights should not be placed more than 9 feet apart.

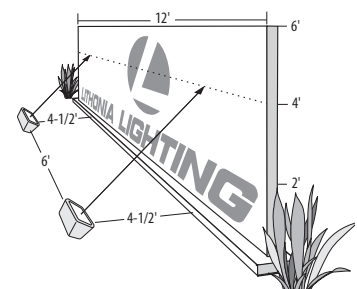
Spacing = 2 x setback distance
 $4.5 \text{ ft.} \times 2 = 9 \text{ ft. apart}$



3. Aiming

The floodlight should be aimed at least two-thirds up the sign. For example, if a sign is 6 feet tall, then the floodlight will be aimed approximately 4 feet high. After installation is completed, aiming can be adjusted to produce the best appearance. *Mounting a full or upper visor to the floodlight can reduce unwanted glare.*

Aiming point = $\frac{2}{3}$ x sign height
 $\frac{2}{3}$ (6 ft.) = 4 ft. high



FLOODLIGHTING

Flag Lighting

When using ground-mounted floodlights to light flags there are three considerations:

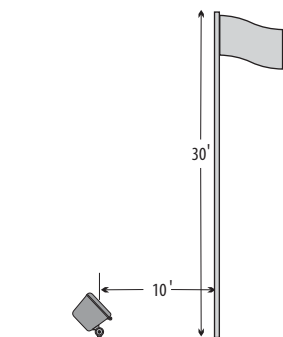
1. Setback
2. Spacing
3. Aiming

1. Setback

The recommended setback for lighting a flag is one-third times the pole height. If the pole is 30 feet tall, the floodlight should be set back a distance of 10 feet away from the pole.

$$\text{Setback distance} = 1/3 \times \text{pole height}$$

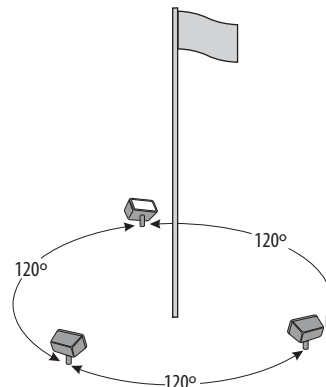
$$1/3 (30 \text{ ft.}) = 10 \text{ ft.}$$



2. Spacing

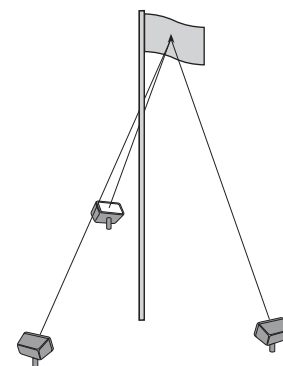
Ideally, three floodlights are recommended to light a flag. The floodlights should be placed approximately 120° apart.

3 floodlights spaced 120° apart



3. Aiming

The recommended aiming point for each floodlight is the center of the flag or the top of the pole. *Mounting a full or upper visor to the floodlight can reduce unwanted spill light.*



Pole-Mounted Floodlights

Pole-mounted floodlights are commonly used for general area lighting applications such as parking lots and storage yards. When using pole-mounted floodlights, there are four considerations:

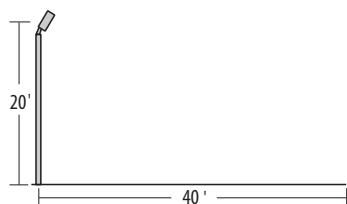
1. Mounting height
2. Spacing
3. Vertical aiming
4. Horizontal aiming

1. Mounting Height

The recommended mounting height is one half the distance across the area to be lighted. If the area to be lighted is 40 feet across, the lowest recommended mounting height is 20 feet.

$$\text{Mounting height} = 1/2 \text{ distance to be lighted}$$

$$1/2 (40 \text{ ft.}) = 20 \text{ ft.}$$

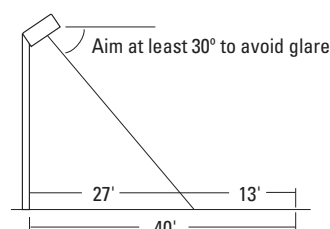


2. Spacing

When more than one pole is added, pole placement is a concern. The "4 times" rule of thumb indicates that a pole should be placed four times the mounting height from the adjacent poles. If a flood is mounted on a 20-foot pole, space the poles 80 feet apart.

$$\text{Pole spacing} = 4 \times \text{mounting height}$$

$$4 (20 \text{ ft. pole}) = 80 \text{ feet between poles}$$



3. Vertical Aiming

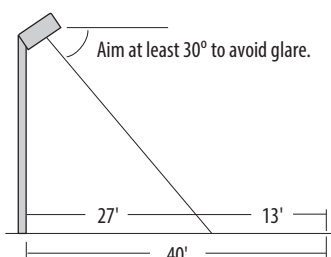
A single floodlight uses the two-thirds rule of thumb for vertical aiming. The fixture is aimed two-thirds of the distance across the area to be lighted and at least 30° below horizontal. If the area to be lighted is 40 feet across, the recommended aiming point is 27 feet.

$$\text{Aiming point} = 2/3 \text{ across distance to be lighted}$$

$$2/3 (40 \text{ ft.}) = 27 \text{ ft. aiming point}$$

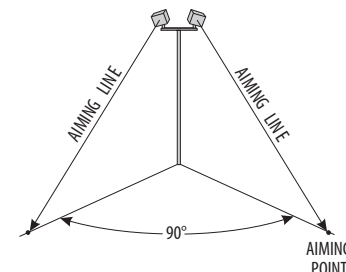
Additionally, to minimize glare, the recommended aiming point distance should never exceed twice the mounting height. If a pole is 20 feet high, the vertical aiming point should not exceed 40 feet out.

$$2 (20 \text{ ft. mtg. ht.}) = 40 \text{ ft.}$$



4. Horizontal Aiming

When an additional floodlight is added to a single pole, horizontal aiming also must be considered. First, each floodlight should be vertically aimed according to the two-thirds rule. As long as the floodlight has a horizontal NEMA 6 or 7 beamspread, the floodlights can be aimed up to 90° apart.



POLES

(Poles are available only in U.S.)

All luminaire/pole assemblies require proper evaluation to ensure that the structural integrity of the assembly is not compromised when applied in specific wind conditions. Therefore, the basis for pole selection in this catalog is total weight and effective projected area, EPA (ft²), shown on the individual pole catalog pages. Determination of maximum EPA (ft²) and weight loading must include all luminaires, bracketry, signs, decoration, overhead wire or other equipment that will be mounted to the subject pole. Luminaire EPA (ft²) and weight data are found on their respective product pages.

The total effective projected area of the luminaires and brackets shall not exceed the EPA (ft²) listed for the pole selected at a given wind velocity. Poles that are to be located in areas of known abnormal conditions will require special consideration. Please consult factory if poles are required for Florida Building Code or other special wind load requirements. The map on page 788 gives the wind velocities to be used in determining luminaire pole compatibility.

NOTE: If during the pole warranty period of one year, the product proves defective in material or workmanship, the company shall correct, at its option, by repairing or replacing at no charge to the purchaser, if the purchaser promptly notifies the company. This warranty specifically excludes fatigue failure or similar phenomena resulting from induced vibration harmonic oscillation or resonance associated with the movement of air currents around the product.

Pole Selection Procedure

- Step 1.** Select the luminaire and decide how many will be mounted per pole. Determine the effective projected area, EPA (ft²), which is given on the dimensional information table.
- Step 2.** Determine the appropriate mounting method for the luminaire. Options include arm, bracket or wall mounting.
- Step 3.** Add together the EPAs (ft²) of the luminaire and arm/bracket. Multiply by number of fixtures to be mounted on one pole.
- Step 4.** Consult the wind map on page 788 to determine the basic wind velocity for your area.
- Step 5.** Select the material (steel or aluminum) and shape (square or round) of the pole. Refer to the "Technical Information" chart on the appropriate pole page.
 - A. Find the desired nominal mounting height in the second column.
 - B. Verify that the fixture weight does not exceed the maximum weight listed for the desired pole.
 - C. Compare your total EPA (ft²) loading with the maximum EPA (ft²) value found in the wind speed column for your area. Check that the equipment you are using will not exceed this value.
 - D. If both the weight and EPA (ft²) values do not exceed the value for which the pole is rated, you have selected the correct pole. If, however, either one of those numbers exceeds the maximum rated values, compare the EPA (ft²) and fixture weight loads to the next larger pole of the same mounting height.

NOTES: "Call Before Number" and complete pole description **MUST** be included before order can be processed. Bolt templates will be shipped with anchor bolts. To pre-ship templates, place an order for the appropriate template number.

CAUTION: This pole selection process is a guideline only. Lithonia Lighting assumes no responsibility for selection and recommends consultation with qualified individuals for verification of luminaire/pole assembly selection.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: SSA 16 4G DM19 DMB

Shaft type		Nominal mounting height	Nominal shaft base size/Wall thickness			Fixture mounting method		Options	Finish ¹		
SSS	Square straight steel	8-50'; sportslighting poles up to 115'. See submittal sheets for specific information.	Nominal shaft base size		Wall thickness	PT	Open-top	See pages 787, 812.	Architectural colors ²		
RSS	Round straight steel					<u>Tenon mounting</u>		MAEX ⁵	Polyester powder		
STS	Square tapered steel		3	B	0.120"	T20	2-3/8" OD (2" NPS)	Match existing poles on jobs	<u>Standard colors</u>		
RTS	Round tapered steel		4	C	0.125"	T25	2-7/8" OD (2-1/2" NPS)	USPOM	DDB	Dark bronze	
RTSU	Round tapered steel with arm(s)		5	E	0.156"	T30	3-1/2" OD (3" NPS)		Includes U.S. Mill Certs.	DWH	White
STSH	Square tapered steel hinged		6	G	0.188"	T35	4" OD (3-1/2" NPS)		DBL	Black	
SPRTS	Round tapered steel sportslighting		7	J	0.250"	<u>Drill mounting</u>			DMB	Medium bronze	
SSA	Square straight aluminum		8	K	0.312"	DM19	1 at 90°	DNA	Natural aluminum		
SSCA	Square straight aluminum, cruciform		9	L	0.219"	DM28	2 at 180°	BA	Brushed aluminum ³		
RSA	Round straight aluminum		10	P	0.375"	DM29	2 at 90°	GALV	Galvanized ⁶		
RTA	Round tapered aluminum		D	0.165"	DM39	3 at 90°	<u>Classic colors</u>				
RTAU	Round tapered aluminum with arm(s)		F	0.179"	DM49	4 at 90°	DSS	Sandstone			
RSAH	Round straight aluminum hinged		M	0.239"	DM32	3 at 120° (round poles)	DGC	Charcoal gray			
SSAH	Square straight aluminum hinged		R	0.4375"	<u>Aeris, Omero, DSX, CSX</u>		DTG	Tennis green			
RTF	Round tapered fiberglass		S	0.500"	<u>drill mounting</u>		DBR	Bright red			
RTFDB	Round tapered fiberglass direct burial				DM19AS	1 at 90°	DSB	Steel blue			
SSF	Square straight fiberglass				DM28AS	2 at 180°	<u>Class 1 architectural anodized⁴</u>				
STC	Square tapered concrete				DM29AS	2 at 90°	ABL	Black			
SPRTC	Round tapered concrete sportslighting				DM39AS	3 at 90°	ADB	Dark bronze			
SSWDB	Square straight wood direct burial				DM49AS	4 at 90°	ANA	Natural			
SSSDB	Square straight steel direct burial				DM32AS	3 at 120° (round poles)					
RTADB	Round tapered aluminum direct burial										
RTCDB	Round tapered concrete direct burial										

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

Notes

- 1 Finish must be specified (poles do NOT ship DDB as standard).
- 2 Additional architectural colors available; See Architectural Colors brochure on www.lithonia.com.
- 3 Aluminum poles only.
- 4 SSA, SSCA, RSA, RTA, RTAU, RSAH, SSAH only.
- 5 Must include original order number.
- 6 Steel poles only.

Some pole options require designating the orientation from the hand hole and height from the pole base must be specified when ordering the pole.

The orientation from the hand hole is designated by the pole sides A, B, C or D. The height on the pole shaft is designated by the distance from the pole base.

POLE ORIENTATION

ORDERING INFORMATION

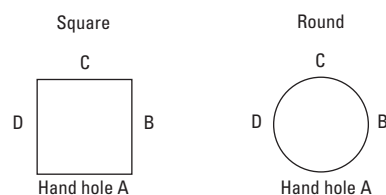
Example: HA12B

Series/Height/Orientation

Series	Height	Orientation
HA Horizontal arm	Height from base in ft.	A Side of the pole with the hand hole
FDL Festoon outlet- less electrical	Determined by application.	B Side of the pole 90° counterclockwise from the hand hole (right)
CPL12 1/2" coupling		C Side of the pole 180° counterclockwise from the hand hole (opposite)
CPL34 3/4" coupling		D Side of the pole 270° counterclockwise (or 90° clockwise) from the hand hole (left)
CPL1 1" coupling		
NPL12 1/2" threaded nipple		
NPL34 3/4" threaded nipple		
NPL1 1" threaded nipple		
EHH Extra hand hole		
PT Open top		
T20 2-3/8" tenon		
T25 2-7/8" tenon		
T30 3-1/2" tenon		
T35 4" tenon		
MAEX Match existing		

ADDITIONAL INFORMATION

For additional product information, visit www.polecentral.acuitybrands.com



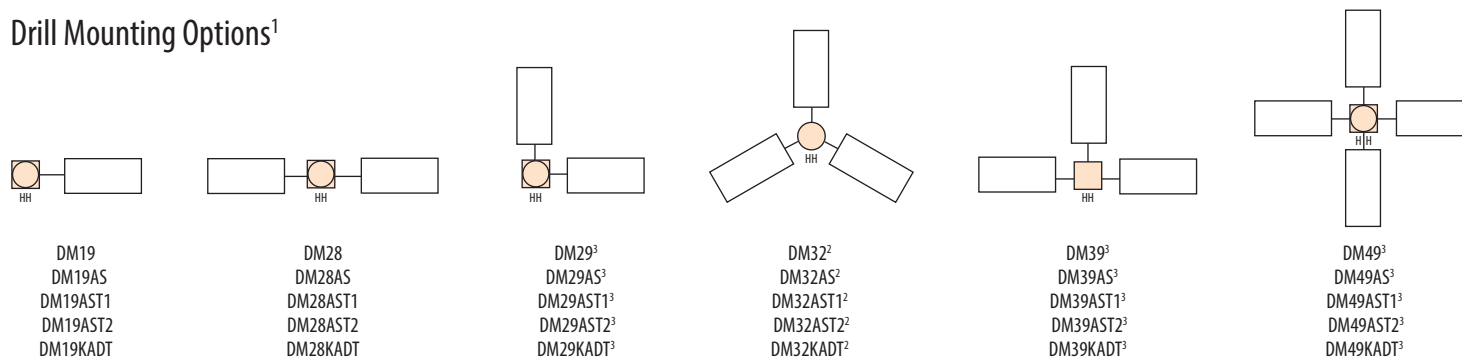
Examples:

- SSS 25 5G with one arm-mount fixture and two floodlights on horizontal arm brackets. Floodlights are to be 180° from each other, 90° from the shoebox and 12 feet above the base.
- RTA 30 8G with two arm-mount fixtures at 180°, one floodlight on a horizontal arm bracket and a 1/2" coupling. Floodlight is to be opposite hand hole and 6 feet from top of pole. Coupling should be 10 feet from top, same side as floodlight.
- SSS 20 4C with a 2-3/8" tenon and festoon outlet 90° left of the hand hole, 5 feet above the base.

Order as: SSS 25 5G DM19 HA12A HA12C

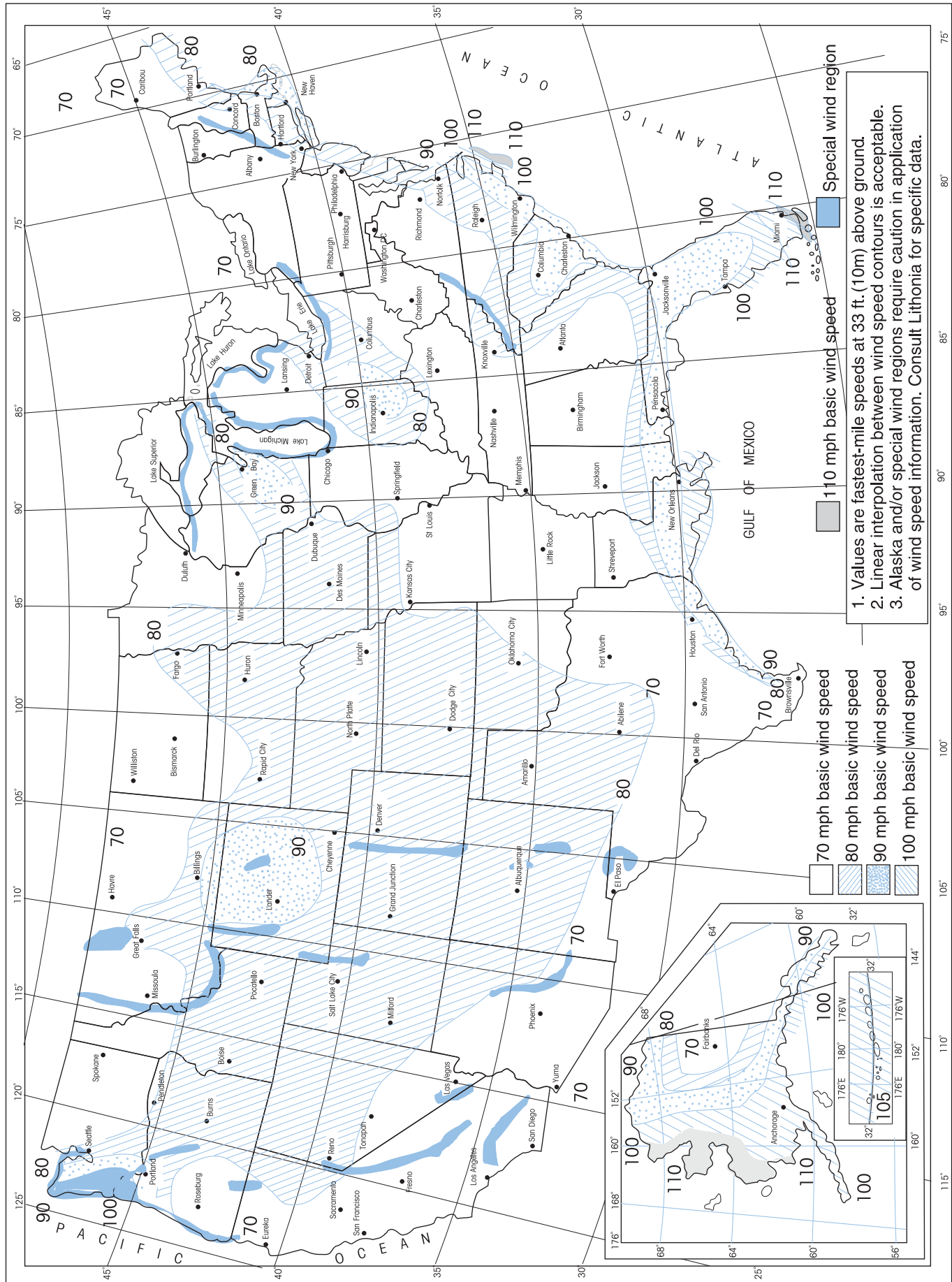
Order as: RTA 30 8G DM28 HA24C 12CP20C

Order as: SSS 20 4C T20 FDL5D

Drill Mounting Options¹

Notes

- AS denotes Aeries™, OMERO, CSX, DSX, luminaire, AST1/AST2 denotes Aeries suspend size 1 or 2 and KADT denotes KAD suspend.
- Available with round pole only.
- Reference fixture page for minimum arm length required when mounting 2 or more fixtures at 90°.



WIND MAP

2009 AASHTO Wind Map



SSS



Intended Use

Square Straight Steel general purpose light pole for up to 39 foot mounting heights. Provides an inexpensive yet robust option for mounting area light fixtures and floodlights.

Features

- Pole is made of weldable grade, hot rolled carbon steel tubing with a minimum yield of 55,000 psi (11-gauge) or 50,000 psi (7-gauge)
- Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations

- Hand hole rim is reinforced with minimum dimensions of 2.5" x 5" for all shafts to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors or galvanized

ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

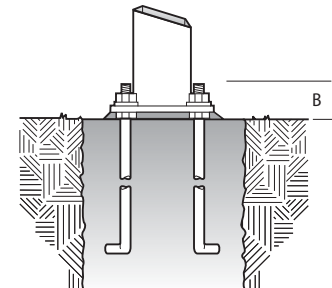
TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	WALL THICK. (IN.)	GAUGE	80 MPH	MAX. WT.	90 MPH	MAX. WT.	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
SSS 10 4C	10	4 x 10	0.125	11	30.6	765	23.8	595	18.9	473	8 - 9	3/4 x 18 x 3	75
SSS 12 4C	12	4 x 12	0.125	11	24.4	610	18.8	470	14.8	370	8 - 9	3/4 x 18 x 3	90
SSS 14 4C	14	4 x 14	0.125	11	19.9	498	15.1	378	11.7	293	8 - 9	3/4 x 18 x 3	100
SSS 16 4C	16	4 x 16	0.125	11	15.9	398	11.8	295	8.9	223	8 - 9	3/4 x 18 x 3	115
SSS 18 4C	18	4 x 18	0.125	11	12.6	315	9.2	230	6.7	168	8 - 9	3/4 x 18 x 3	125
SSS 20 4C	20	4 x 20	0.125	11	9.6	240	6.7	167	4.5	150	8 - 9	3/4 x 18 x 3	140
SSS 20 4G	20	4 x 20	0.188	7	14.0	350	11.0	275	8.0	200	8 - 9	3/4 x 30 x 3	198
SSS 20 5C	20	5 x 20	0.125	11	17.7	443	12.7	343	9.4	235	10 - 12	1 x 36 x 4	185
SSS 20 5G	20	5 x 20	0.188	7	28.1	703	21.4	535	16.2	405	10 - 12	1 x 36 x 4	265
SSS 25 4C	25	4 x 25	0.125	11	4.8	150	2.6	100	1.0	50	8 - 9	3/4 x 18 x 3	170
SSS 25 4G	25	4 x 25	0.188	7	10.8	270	7.7	188	5.4	135	8 - 9	3/4 x 30 x 3	245
SSS 25 5C	25	5 x 25	0.125	11	9.8	245	6.3	157	3.7	150	10 - 12	1 x 36 x 4	225
SSS 25 5G	25	5 x 25	0.188	7	18.5	463	13.3	333	9.5	238	10 - 12	1 x 36 x 4	360
SSS 30 4G	30	4 x 30	0.188	7	6.0	150	4.0	100	2.5	75	8 - 9	3/4 x 30 x 3	295
SSS 30 5C	30	5 x 30	0.125	11	4.7	150	2.0	50	-	-	10 - 12	1 x 36 x 4	265
SSS 30 5G	30	5 x 30	0.188	7	10.7	267	6.7	167	3.9	100	10 - 12	1 x 36 x 4	380
SSS 30 6G	30	6 x 30	0.188	7	19.0	475	13.2	330	9.0	225	11 - 13	1 x 36 x 4	520
SSS 35 5G	35	5 x 35	0.188	7	5.9	150	2.5	100	-	-	10 - 12	1 x 36 x 4	440
SSS 35 6G	35	6 x 35	0.188	7	12.4	310	7.6	190	4.2	105	11 - 13	1 x 36 x 4	540
SSS 39 6G	39	6 x 39	0.188	7	7.2	180	3.0	75	-	-	11 - 13	1 x 36 x 4	605

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION	ANCHOR BOLT AND TEMPLATE DESCRIPTION
4"C	8.5"	2.75" - 4.00"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8.5"	2.75" - 4.00"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10" - 12"	3.375" - 4.00"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11" - 13"	3.375" - 4.00"	12.5"	ABTEMPLATE PJ50011	AB36-0	NA

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



Notes

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct burial option available, consult factory.
- Consult factory if product must meet "US POM" specifications.

RSS

Intended Use

Round Straight Steel general purpose light pole for up to 30 foot mounting heights. Provides an inexpensive yet robust option for mounting area light fixtures and floodlights.

Features

- Pole is made of weldable grade, hot rolled carbon steel tubing with a minimum yield of 42,000 psi
- Anchor base is fabricated from steel with 3/4" thickness that meets ASTM A36 standards and can be altered to match existing foundations
- Hand hole rim is reinforced 12" - 18" above the base for all shafts to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors or galvanized

**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

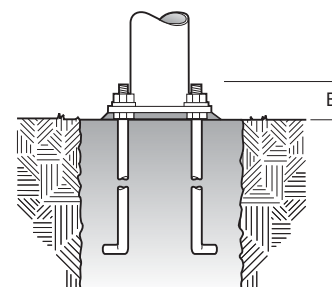
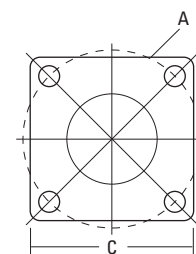
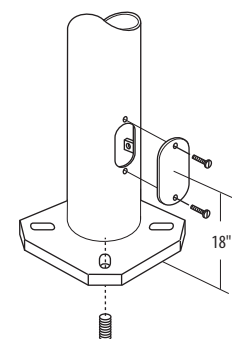
TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	WALL THICK. (IN.)	80 MPH	MAX. WT.	90 MPH	MAX. WT.	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
RSS 8 4-5B	8	4.5 x 8	0.120	24.7	630	19.7	495	16.0	430	8	3/4 x 18 x 3	55
RSS 10 3B	10	3 x 10	0.120	10	250	7.7	190	6.0	175	8	3/4 x 18 x 3	55
RSS 10 4B	10	4 x 10	0.120	19.1	480	15.0	375	12.2	305	8	3/4 x 18 x 3	70
RSS 10 4-5B	10	4.5 x 10	0.120	24.5	615	19.5	490	15.8	395	8	3/4 x 18 x 3	75
RSS 12 3B	12	3 x 12	0.120	7.7	195	5.8	145	4.4	130	8	3/4 x 18 x 3	60
RSS 12 4B	12	4 x 12	0.120	15.0	390	11.8	300	9.5	240	8	3/4 x 18 x 3	80
RSS 12 4-5B	12	4.5 x 12	0.120	19.8	495	15.7	395	12.7	320	8	3/4 x 18 x 3	85
RSS 14 3B	14	3 x 14	0.120	6.0	175	4.4	130	3.3	90	8	3/4 x 18 x 3	70
RSS 14 4B	14	4 x 14	0.120	12.2	305	9.4	250	7.6	195	8	3/4 x 18 x 3	90
RSS 14 4-5B	14	4.5 x 14	0.120	16.2	405	12.8	320	10.3	260	8	3/4 x 18 x 3	95
RSS 15 4-5B	15	4.5 x 15	0.120	12.0	300	9.5	250	7.5	200	8	3/4 x 18 x 3	96
RSS 16 3B	16	3 x 16	0.120	4.6	125	3.2	100	2.3	60	8	3/4 x 18 x 3	80
RSS 16 4B	16	4 x 16	0.120	9.6	250	7.4	185	5.9	150	8	3/4 x 18 x 3	100
RSS 16 4-5B	16	4.5 x 16	0.120	13.1	330	10.2	265	8.2	205	8	3/4 x 18 x 3	105
RSS 18 3B	18	3 x 18	0.120	3.4	90	2.3	60	1.4	70	8	3/4 x 18 x 3	90
RSS 18 4B	18	4 x 18	0.120	7.6	190	5.7	180	4.5	130	8	3/4 x 18 x 3	110
RSS 18 4-5B	18	4.5 x 18	0.120	10.5	265	8.2	210	6.5	165	8	3/4 x 18 x 3	115
RSS 20 3B	20	3 x 20	0.120	2.4	100	1.4	75	-	-	8	3/4 x 18 x 3	100
RSS 20 4B	20	4 x 20	0.120	6.0	150	4.45	150	3.45	125	8	3/4 x 18 x 3	120
RSS 20 4-5B	20	4.5 x 20	0.120	8.5	215	6.6	165	5.2	130	8	3/4 x 18 x 3	130
RSS 20 5B	20	5 x 20	0.120	11.75	300	9.1	230	7.25	180	8	3/4 x 18 x 3	145
RSS 22 4-5B	22	4.5 x 22	0.120	6.0	150	4.5	125	3.75	100	8	3/4 x 18 x 3	134
RSS 25 4B	25	4 x 25	0.120	2.85	100	1.95	75	1.35	75	8	3/4 x 18 x 3	145
RSS 25 4-5B	25	4.5 x 25	0.120	4.8	130	3.6	90	2.7	90	8	3/4 x 18 x 3	145
RSS 25 5B	25	5 x 25	0.120	7.25	180	5.5	150	4.25	150	8	3/4 x 18 x 3	180
RSS 30 4-5B	30	4.5 x 30	0.120	2.3	80	1.5	75	1.0	60	8	3/4 x 18 x 3	185
RSS 30 5B	30	5 x 30	0.120	4.2	150	3	125	2.25	100	8	3/4 x 18 x 3	210

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
3"	8"	3.25" - 3.50"	8"	ABTEMPLATE PJ50041	AB18-0
4"	8"	3.25" - 3.50"	8"	ABTEMPLATE PJ50041	AB18-0
4.5"	8"	3.25" - 3.50"	8"	ABTEMPLATE PJ50041	AB18-0
5"	8"	3.25" - 3.50"	8"	ABTEMPLATE PJ50041	AB18-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

**Notes**

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct burial option available, consult factory.
- Consult factory if product must meet "US POM" specifications.

STS

Square Tapered Steel



Intended Use

Square Tapered Steel general purpose light pole for up to 50 foot mounting heights. Provides extended mounting heights and additional strength for mounting area light fixtures and floodlights.

Features

- Pole shaft conforms to ASTM A595 Gr A or A572 Gr 55 with a minimum yield of 55,000 psi and constant taper of .11in/ft
- Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations
- Hand hole rim is rectangular, reinforced with dimensions of 3" x 5" for shafts less than 6.375" square and oval shaped 4" x 6.5", 18" above the base to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)

- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors or galvanized

ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

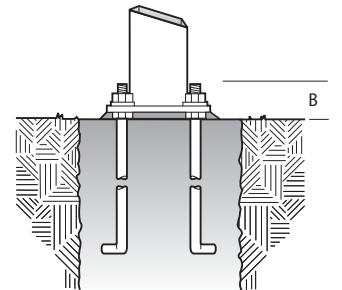
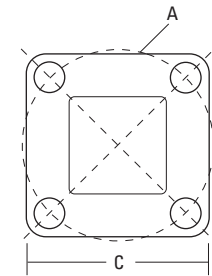
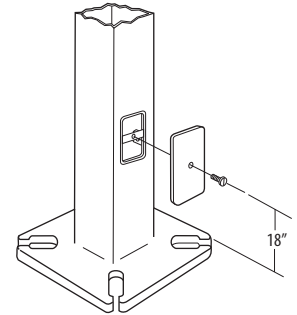
TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN. X FT.)	WALL THICK. (IN.)	GAUGE	80 MPH	MAX. WT.	90 MPH	MAX. WT.	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX SHIP WT. (LBS.)
STS 20 5-2B	20	5.25 x 3.05 x 20	0.125	11	18.0	452	13.8	345	10.7	268	10.75	1 x 36 x 4	155
STS 20 5-5F	20	5.50 x 3.30 x 20	0.188	7	30.5	764	24.0	602	19.0	477	11	1 x 36 x 4	235
STS 25 6-0B	25	6.00 x 3.25 x 25	0.125	11	16.8	422	12.6	315	9.5	238	12	1 x 36 x 4	205
STS 25 6-4F	25	6.41 x 3.66 x 25	0.188	7	28.5	713	22.5	563	18.2	455	12.5	1 x 36 x 4	310
STS 30 6-4B	30	6.41 x 3.11 x 30	0.125	11	13.6	340	9.8	245	7.0	175	12.5	1 x 36 x 4	260
STS 30 6-4F	30	6.41 x 3.11 x 30	0.188	7	23.6	590	17.9	448	13.7	343	12.5	1 x 36 x 4	375
STS 35 6-8B	35	6.81 x 2.96 x 35	0.125	11	10.7	269	7.3	184	4.8	120	13	1 x 36 x 4	305
STS 35 7-1F	35	7.13 x 3.28 x 35	0.188	7	23.4	585	17.4	435	13.0	325	13.5	1 x 36 x 4	475
STS 39 7-1B	39	7.18 x 2.92 x 39	0.125	11	8.6	215	5.4	135	3.0	75	13.5	1 x 36 x 4	345
STS 39 7-1F	39	7.13 x 2.87 x 39	0.188	7	19.3	483	14.2	355	10.4	260	13.5	1 x 36 x 4	500
STS 45 7-8F	45	7.88 x 2.93 x 45	0.188	7	16.0	400	11.1	278	7.4	187	14.5	1 x 36 x 4	620
STS 45 8-7F	45	8.75 x 3.80 x 45	0.188	7	23.5	588	16.6	415	11.4	287	15.75	1-1/4 x 42 x 6	730
STS 50 8-8F	50	8.81 x 3.31 x 50	0.188	7	19.4	485	13.2	332	8.7	218	16	1-1/4 x 42 x 6	780

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
5.2" B	10.75"	3.50"-4.25"	10.75"	ABTEMPLATE PJ50095	AB36-0
5.5" F	11"	3.75"-4.50"	11"	ABTEMPLATE PJ50096	AB36-0
6.0" B	12"	3.50"-4.25"	11.5"	ABTEMPLATE PJ50097	AB36-0
6.4" F	12.5"	4.00"-4.75"	11.875"	ABTEMPLATE PJ50098	AB36-0
6.4" B	12.5"	3.50"-4.25"	11.875"	ABTEMPLATE PJ50099	AB36-0
6.8" B	13"	3.50"-4.25"	12.25"	ABTEMPLATE PJ50101	AB36-0
7.1" F	13.5"	4.25"-5.00"	12.625"	ABTEMPLATE PJ50102	AB36-0
7.1" B	13.5"	3.50"-4.25"	12.625"	ABTEMPLATE PJ50103	AB36-0
7.8" F	14.5"	4.00"-4.75"	13.375"	ABTEMPLATE PJ50105	AB36-0
8.7" F	15.75"	4.75"-5.50"	14.25"	ABTEMPLATE PJ50106	AB42-0
8.8" F	16"	4.50"-5.25"	15.5"	ABTEMPLATE PJ50107	AB42-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



Notes

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths described are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct-burial option available, consult factory.
- Consult factory if product must meet "US POM" specifications.

Intended Use

Round Tapered Steel general purpose light pole for up to 50 foot mounting heights. Provides extended mounting heights and additional strength for mounting area light fixtures and floodlights.

Features

- Pole shaft conforms to ASTM A595 Gr A or A572 Gr 55 with a minimum yield of 55,000 psi and with a constant taper of .14in/ft.
- Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations
- Hand hole rim is rectangular, reinforced with dimensions of 3" x 5" for 5.9" shafts and oval shaped 4" x 6.5", 18" above

the base to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)

- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors or galvanized

RTS

Round Tapered Steel

**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

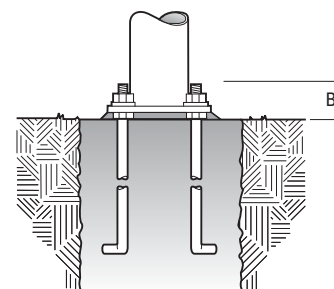
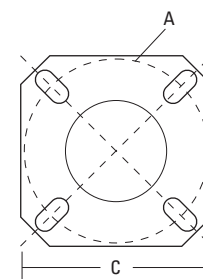
TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN. X FT.)	WALL THICK. (IN.)	GAUGE	80 MPH	MAX. WT.	90 MPH	MAX. WT.	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
RTS 20 5-9B	20	5.9 x 3.1 x 20	0.120	11	19.3	482	15.1	377	12.2	305	9.0	1 x 36 x 4	140
RTS 20 6-5B	20	6.5 x 3.7 x 20	0.120	11	24.2	605	19.3	482	15.6	390	9.5	1 x 36 x 4	160
RTS 25 5-9B	25	5.9 x 2.4 x 25	0.120	11	12.5	312	9.9	247	8	200	9.0	1 x 36 x 4	155
RTS 25 7-0B	25	7.0 x 3.5 x 25	0.120	11	20.3	507	16.2	405	13.1	327	10.0	1 x 36 x 4	200
RTS 25 7-0F	25	7.0 x 3.5 x 25	0.180	7	30.5	760	24.0	625	19.8	495	10.0	1 x 36 x 4	280
RTS 30 6-6B	30	6.6 x 2.4 x 30	0.120	11	11.7	292	9.3	232	7.5	187	9.5	1 x 36 x 4	200
RTS 30 8-0B	30	8.0 x 3.8 x 30	0.120	11	18.9	473	14.9	373	12	300	11.0	1 x 36 x 4	265
RTS 30 8-0F	30	8.0 x 3.8 x 30	0.180	7	33.5	838	27.0	675	22.0	550	11.0	1-1/4 x 42 x 6	380
RTS 35 7-3B	35	7.3 x 2.4 x 35	0.120	11	11.2	280	8.9	222	7.1	177	10.5	1 x 36 x 4	250
RTS 35 8-5B	35	8.5 x 3.6 x 35	0.120	11	18.9	472	15.1	377	12.2	305	11.5	1 x 36 x 4	315
RTS 35 9-5B	35	9.5 x 4.6 x 35	0.120	11	23.2	580	18.2	455	14.5	363	13.0	1 x 36 x 4	370
RTS 39 7-8B	39	7.8 x 2.4 x 39	0.120	11	10.7	267	8.5	212	6.6	165	11.0	1 x 36 x 4	285
RTS 39 9-0B	39	9.0 x 3.6 x 39	0.120	11	17.2	430	13.5	338	10.8	270	12.5	1 x 36 x 4	355
RTS 39 9-0F	39	9.0 x 3.6 x 39	0.180	7	28.5	715	23.0	575	19.0	475	12.5	1-1/4 x 42 x 6	515
RTS 45 10-0B	45	10.0 x 3.7 x 45	0.120	11	17.4	435	13.5	338	10.6	265	13.5	1 x 36 x 4	450
RTS 45 10-0F	45	10.0 x 3.7 x 45	0.180	7	28.5	715	23.0	575	19.0	475	13.5	1-1/4 x 42 x 6	650
RTS 50 10-0B	50	10.0 x 3.0 x 50	0.120	11	13.2	330	10.6	265	8.3	208	13.5	1 x 36 x 4	475
RTS 50 10-0F	50	10.0 x 3.0 x 50	0.180	7	20.5	512	16.5	412	13.6	340	13.5	1 1/4 x 42 x 6	680

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
5.9" B	9"	3.50" - 4.25"	10"	ABTEMPLATE PJ50075	AB36-0
6.5" B	9.5"	3.50" - 4.25"	10.5"	ABTEMPLATE PJ50074	AB36-0
7.0" B	10"	3.50" - 4.25"	10.875"	ABTEMPLATE PJ50077	AB36-0
7.0" F	10"	3.75" - 4.50"	10.875"	ABTEMPLATE PJ50076	AB36-0
6.6" B	9.5"	3.50" - 4.25"	10.5"	ABTEMPLATE PJ50078	AB36-0
8.0" B	11"	3.50" - 4.25"	11.5"	ABTEMPLATE PJ50079	AB36-0
8.0" F	11"	4.50" - 5.25"	11.5"	ABTEMPLATE PJ50080	AB42-0
7.3" B	10.5"	3.50" - 4.25"	11.25"	ABTEMPLATE PJ50081	AB36-0
8.5" B	11.5"	3.75" - 4.50"	12"	ABTEMPLATE PJ50082	AB36-0
9.5" B	13"	3.75" - 4.50"	13"	ABTEMPLATE PJ50083	AB36-0
7.8" B	11"	3.75" - 4.50"	11.5"	ABTEMPLATE PJ50084	AB36-0
9.0" B	12.5"	3.75" - 4.50"	12.375"	ABTEMPLATE PJ50085	AB36-0
9.0" F	12.5"	4.50" - 5.25"	12.375"	ABTEMPLATE PJ50086	AB42-0
10.0" B	13.5"	3.75" - 4.50"	14"	ABTEMPLATE PJ50087	AB36-0
10.0" F	13.5"	4.50" - 5.25"	14"	ABTEMPLATE PJ50088	AB42-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

**Notes**

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths described are nominal, actual lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct-burial option available, consult factory.
- Three-bolt anchor base available, consult factory.
- Consult factory if product must meet "US POM" specifications.

RTSU

Round Tapered Steel with Upsweep Mast Arms



Intended Use

Round Tapered Steel roadway light pole with upsweep mast arm(s) for up to 40 foot mounting heights including rise of arm. Provides roadway style mast arm to extended light fixture out from pole over target area.

Features

- Pole shaft conforms to ASTM A595 Gr A or A572 Gr 55 with a constant taper of .14in/ft.
- Mast arm is 2-3/8" O D with 36,000 psi and mounted to shaft via 1/2" Simplex mount for ease of installation
- Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations

- Hand hole rim is rectangular, reinforced with dimensions of 3" x 5" for 5.9" shafts and oval shaped 4" x 6.5", 18" above the base to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors or galvanized

ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

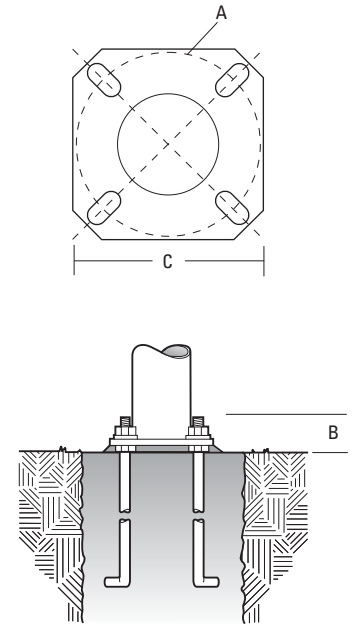
TECHNICAL INFORMATION (PLEASE SEE WIND MAP ON PAGE 788)

	CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	MTG. ARM LENGTH (FT.)	POLE SHAFT BASE DIA. (IN.)	WALL THICK. (IN.)	EPA FT ² W/1.3 GUST UP TO 100 MPH (PER ARM)	MAX. WT. PER ARM (LBS.)	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
SINGLE-ARM POLES	RTSU 20 5-9B SMP US4	20	4	5.9	0.120	2	76	9.0	1 x 36 x 4	140
	RTSU 20 5-9B SMP US6	20	6	5.9	0.120	2	76	9.0	1 x 36 x 4	140
	RTSU 20 5-9B SMP US8	20	8	5.9	0.120	2	76	9.0	1 x 36 x 4	140
	RTSU 25 5-9B SMP US4	25	4	5.9	0.120	2	76	9.0	1 x 36 x 4	205
	RTSU 25 5-9B SMP US6	25	6	5.9	0.120	2	76	9.0	1 x 36 x 4	205
	RTSU 25 5-9B SMP US8	25	8	5.9	0.120	2	76	9.0	1 x 36 x 4	205
	RTSU 30 6-6B SMP US4	30	4	6.5	0.120	2	76	9.5	1 x 36 x 4	250
	RTSU 30 6-6B SMP US6	30	6	6.5	0.120	2	76	9.5	1 x 36 x 4	250
	RTSU 30 6-6B SMP US8	30	8	6.5	0.120	2	76	9.5	1 x 36 x 4	250
	RTSU 35 7-3B SMP US4	35	4	7.3	0.120	2	76	10.5	1 x 36 x 4	300
	RTSU 35 7-3B SMP US6	35	6	7.3	0.120	2	76	10.5	1 x 36 x 4	300
	RTSU 35 7-3B SMP US8	35	8	7.3	0.120	2	76	10.5	1 x 36 x 4	300
	RTSU 40 9-0B SMP US4	40	4	9	0.120	2	76	12.5	1 x 36 x 4	405
	RTSU 40 9-0B SMP US6	40	6	9	0.120	2	76	12.5	1 x 36 x 4	405
	RTSU 40 9-0B SMP US8	40	8	9	0.120	2	76	12.5	1 x 36 x 4	405
DOUBLE-ARM POLES	RTSU 20 5-9B SMP 2US4	20	4	5.9	0.120	2	76	9.0	1 x 36 x 4	240
	RTSU 20 5-9B SMP 2US6	20	6	5.9	0.120	2	76	9.0	1 x 36 x 4	240
	RTSU 20 5-9B SMP 2US8	20	8	5.9	0.120	2	76	9.0	1 x 36 x 4	240
	RTSU 25 5-9B SMP 2US4	25	4	5.9	0.120	2	76	9.0	1 x 36 x 4	255
	RTSU 25 5-9B SMP 2US6	25	6	5.9	0.120	2	76	9.0	1 x 36 x 4	255
	RTSU 25 5-9B SMP 2US8	25	8	5.9	0.120	2	76	9.0	1 x 36 x 4	255
	RTSU 30 6-6B SMP 2US4	30	4	6.5	0.120	2	76	9.5	1 x 36 x 4	300
	RTSU 30 6-6B SMP 2US6	30	6	6.5	0.120	2	76	9.5	1 x 36 x 4	300
	RTSU 30 6-6B SMP 2US8	30	8	6.5	0.120	2	76	9.5	1 x 36 x 4	300
	RTSU 35 7-3B SMP 2US4	35	4	7.3	0.120	2	76	10.5	1 x 36 x 4	350
	RTSU 35 7-3B SMP 2US6	35	6	7.3	0.120	2	76	10.5	1 x 36 x 4	350
	RTSU 35 7-3B SMP 2US8	35	8	7.3	0.120	2	76	10.5	1 x 36 x 4	350
	RTSU 40 9-0B SMP 2US4	40	4	9	0.120	2	76	12.5	1 x 36 x 4	455
	RTSU 40 9-0B SMP 2US6	40	6	9	0.120	2	76	12.5	1 x 36 x 4	455
	RTSU 40 9-0B SMP 2US8	40	8	9	0.120	2	76	12.5	1 x 36 x 4	455

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
5.9"	9"	3.50" - 4.25"	10"	ABTEMPLATE PJ50075	AB36-0
6.5"	9.5"	3.50" - 4.25"	10.5"	ABTEMPLATE PJ50074	AB36-0
7.0"	10"	3.50" - 4.25"	10.875"	ABTEMPLATE PJ50077	AB36-0
7.3"	10.5"	3.50" - 4.25"	11.25"	ABTEMPLATE PJ50133	AB36-0
7.5"	10.5"	3.50" - 4.25"	11.25"	ABTEMPLATE PJ50133	AB36-0
8.0"	11"	3.50" - 4.25"	11.5"	ABTEMPLATE PJ50079	AB36-0
8.5"	11.5"	3.75" - 4.50"	12"	ABTEMPLATE PJ50082	AB36-0
9.0"	12.5"	3.75" - 4.50"	12.375"	ABTEMPLATE PJ50085	AB36-0
9.5"	13"	4.00" - 4.50"	13"	ABTEMPLATE PJ50134	AB36-0
10.0"	13.5"	4.00" - 4.50"	14"	ABTEMPLATE PJ50135	AB36-0
10.5"	14"	4.50" - 5.00"	14.5"	ABTEMPLATE PJ50136	AB42-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



Notes

- Fixture's nominal mounting height is the sum of shaft length plus rise of upsweep arm.
- Three- and four-arm configurations available, consult factory.
- Truss and davit arms available, consult factory.
- Mounting options: (Txx) tenon and/or (DMxx) drilling may be added, consult factory.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Transformer bases and breakaway couplings available, consult factory.
- Three-bolt slip bases available, consult factory.
- Direct-burial option available, consult factory.
- Consult factory if product must meet "US POM" specifications.

Intended Use

Square Tapered Steel Hinged light pole with upsweep mast 20 to 39 foot mounting heights. Best used where maintenance access is limited.

Features

- Pole is made of weldable grade, hot-rolled carbon steel tubing with a minimum yield of 55,000 psi in 11-gauge or 7-gauge
- Hinge pin is steel and located externally for wiring protection
- Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations

- Hand hole rim is reinforced with dimensions of 3" x 5" for 4" shafts and oval shaped 4" x 6.5" for all other shafts to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors or galvanized

STSH

Square Tapered Steel, Hinged

**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN. X FT.)	WALL THICK. (IN.)	GAUGE	80 MPH	MAX. WT.	90 MPH	MAX. WT.	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS)
STSH 20 4F	20	4 x 4 x 20	0.188	7	11.6	217	8.5	217	6.2	217	8.5 - 10	3/4 x 18 x 3	300
STSH 25 4F	25	4 x 4 x 25	0.188	7	7.1	160	4.8	160	3.1	160	8.5 - 10	3/4 x 18 x 3	370
STSH 25 6-4B	25	6.41 x 3.63 x 25	0.125	11	18.0	254	13.0	254	9.3	254	12.5	1 x 36 x 4	355
STSH 30 4F	30	4 x 4 x 30	0.188	7	4.0	120	2.1	120	0.8	120	8.5 - 10	3/4 x 18 x 3	435
STSH 30 6-4B	30	6.41 x 3.08 x 30	0.125	11	12.5	230	8.3	230	5.1	230	12.5	1 x 36 x 4	440
STSH 35 7-1B	35	7.18 x 2.88 x 35	0.125	11	7.1	160	3.2	160	-	-	13.5	1 x 36 x 4	540
STSH 35 7-1F	35	7.13 x 2.87 x 35	0.188	7	22.0	155	16.9	155	12.1	155	13.5	1 x 36 x 4	700
STSH 39 7-1F	39	7.13 x 2.87 x 39	0.188	7	19.5	110	13.5	110	9.2	110	13.5	1 x 36 x 4	740

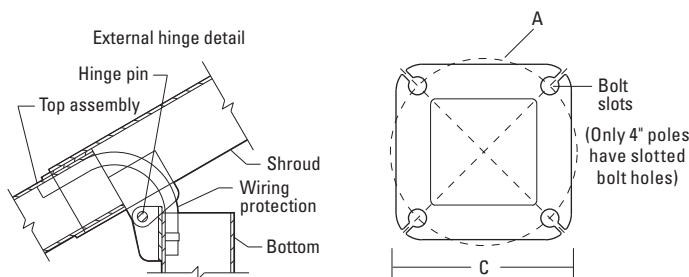
POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4.0" F	8.5" - 10"	3.50" - 4.25"	9.75"	ABTEMPLATE PJ50091	AB18-0
6.4" B	12.5"	3.75" - 4.50"	11.875"	ABTEMPLATE PJ50092	AB36-0
7.1" B	13.5"	3.50" - 4.25"	12.625"	ABTEMPLATE PJ50094	AB36-0
7.1" F	13.5"	4.00" - 4.75"	12.625"	ABTEMPLATE PJ50093	AB36-0

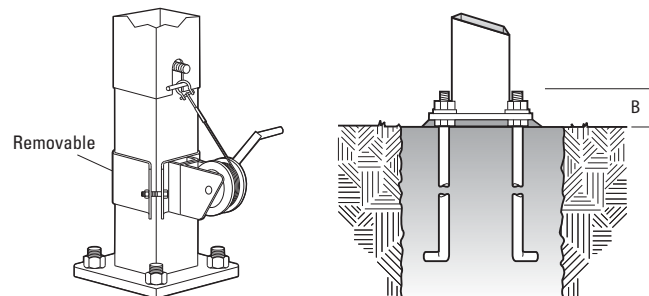
WINCH ORDERING

WINCH NOMENCLATURE	SHAFT SIZE
STSHWCH 4F	4F
STSHWCH 6-4B	6-4B
STSHWCH 7-1B	7-1B
STSHWCH 7-1F	7-1F

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



Winch detail (accessory)

**Notes**

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Pole lengths cannot be modified.
- Hinge point is located approximately two-thirds from bottom of pole.
- Winch assembly (ordered separately) required to lower pole shaft.
- Consult factory if product must meet "US POM" specifications.

SPRTS

Round Tapered Steel Sportlighting



Intended Use

Round Tapered Steel sports lighting pole with 40-100+ foot mounting heights. Anchor base or direct burial available. Poles 50 foot and taller are two section poles.

Features

- Pole is made of high-strength low-alloy steel conforming to ASTM A572 Grade 65 or ASTM A595 Grade A
- Anchor base is fabricated from steel that meets ASTM A36 standards or ASTM A572 and can be altered to match existing foundations

- Hand hole rim is oval-shaped, reinforced with dimensions of 4" x 6.5" for all shafts to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors or galvanized

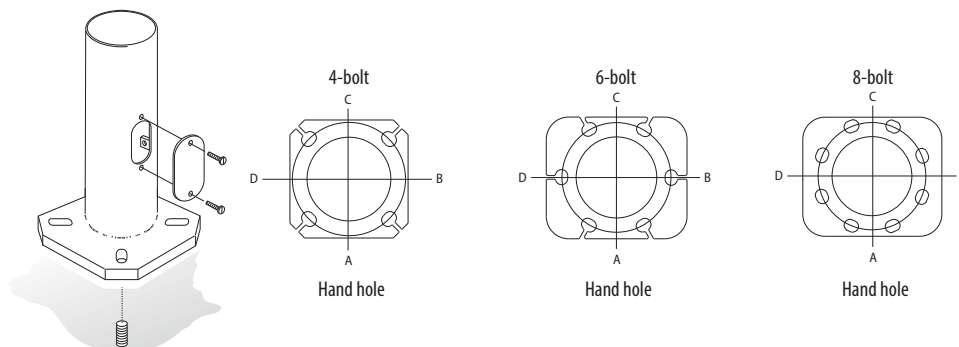
TECHNICAL INFORMATION

Design Number	Nominal shaft length (feet)	BOTTOM SECTION		TOP SECTION		AASHTO 09 FCI ALLOWABLE LOADING FCI FOR GREATER THAN 55'						ANCHOR BOLTS			Approximate ship weight (lbs)
		Base diameter (inch)	Wall thickness (inch)	Base diameter (inch)	Wall thickness (inch)	90 MPH		100 MPH		110 MPH		Bolt circle (inch)	Bolt size (in. x in. x in.)	Number of bolts	
						EPA sq. ft.	Weight (lbs)	EPA sq. ft.	Weight (lbs)	EPA sq. ft.	Weight (lbs)				
SPRTS 40 HT01	40.00	9.00	0.1793	--	--	26.1	654	21.0	525	17.2	430	12.5	1.25 x 42 x 6	4	474
SPRTS 40 HT02	40.00	10.00	0.1793	--	--	41.0	1025	33.5	838	28.0	700	14.00	1.50 x 54 x 6	4	551
SPRTS 50 HT01	50.00	10.00	0.1793	--	--	18.0	450	14.0	350	11.0	275	13.50	1.25 x 42 x 6	4	633
SPRTS 50 HT02	50.00	10.00	0.1793	--	--	22.5	563	18.7	470	15.5	390	14.00	1.50 x 54 x 6	4	633
SPRTS 50 HT03	50.00	11.00	0.1793	--	--	31.5	790	26.0	650	21.5	540	15.00	1.50 x 54 x 6	4	733
SPRTS 50 HT04	50.00	13.00	0.1793	--	--	50.4	1260	40.5	1020	34.0	850	17.50	1.75 x 84 x 6	4	933
SPRTS 50 HT05	50.00	13.00	0.2391	--	--	70.5	1770	58.5	1475	49.0	1225	18.00	2.00 x 84 x 6	4	1223
SPRTS 55 HT01	55.00	10.50	0.1793	4.08	0.1793	15.3	381	11.5	288	8.8	225	14.00	1.25 x 42 x 6	4	728
SPRTS 55 HT02	55.00	11.00	0.1793	4.59	0.1793	24.0	600	20.0	500	16.5	420	15.00	1.50 x 54 x 6	4	785
SPRTS 55 HT03	55.00	13.00	0.1793	6.62	0.1793	43.8	1075	34.8	875	28.5	725	17.50	1.75 x 84 x 6	4	1015
SPRTS 55 HT04	55.00	13.00	0.2391	8.26	0.1793	57.0	1425	47.5	1200	40.5	1025	18.00	2.00 x 84 x 6	4	1275
SPRTS 60 HT01	60.00	13.00	0.2391	10.76	0.1793	15.0	750	15.0	750	15.0	750	17.00	1.25 x 42 x 6	6	1263
SPRTS 60 HT02	60.00	14.44	0.2500	12.00	0.1793	22.0	1100	22.0	1100	21.5	645	18.50	1.25 x 42 x 6	6	1507
SPRTS 60 HT03	60.00	14.44	0.3125	12.00	0.1793	33.0	1650	33.0	1650	33.0	1650	19.50	1.50 x 54 x 6	6	1692
SPRTS 60 HT04	60.00	14.44	0.3750	12.00	0.1793	44.0	2200	44.0	1320	37.0	1110	19.50	1.50 x 54 x 6	6	1876
SPRTS 60 HT05	60.00	15.58	0.3750	13.00	0.1793	52.5	2625	50.5	1515	41.0	1230	21.00	1.50 x 54 x 6	6	2102
SPRTS 60 HT06	60.00	18.50	0.3750	17.00	0.1875	78.0	3900	78.0	2340	64.0	1920	23.50	1.50 x 54 x 6	8	2472
SPRTS 70 HT01	70.00	14.44	0.2500	12.00	0.1793	14.0	700	14.0	700	14.0	700	19.00	1.25 x 42 x 6	6	1618
SPRTS 70 HT02	70.00	14.44	0.3125	12.00	0.1793	23.5	1175	23.5	1175	23.5	1011	21.00	1.75 x 84 x 6	4	1803
SPRTS 70 HT03	70.00	14.44	0.3750	12.00	0.1793	33.0	1452	30.0	900	25.0	750	21.00	1.50 x 54 x 6	6	1987
SPRTS 70 HT04	70.00	15.44	0.3750	13.00	0.1793	38.5	1925	37.0	1110	30.5	915	21.00	1.50 x 54 x 6	6	2102
SPRTS 70 HT05	70.00	17.50	0.3750	13.00	0.1793	52.0	2600	52.0	2600	49.0	1470	23.00	1.50 x 54 x 6	8	2952
SPRTS 70 HT06	70.00	19.50	0.3750	17.08	0.1875	67.0	3350	66.5	1995	53.0	1590	25.00	1.50 x 54 x 6	8	3061
SPRTS 80 HT01	80.00	15.84	0.3125	12.00	0.1793	21.0	1050	21.0	1050	21.0	1050	21.00	1.50 x 54 x 6	6	2311
SPRTS 80 HT02	80.00	15.84	0.3750	12.00	0.1793	30.0	1500	28.5	855	22.5	675	21.00	1.50 x 54 x 6	6	2591
SPRTS 80 HT03	80.00	16.84	0.3750	13.00	0.1793	36.0	1800	35.0	1050	29.0	870	21.50	1.50 x 54 x 6	8	2831
SPRTS 80 HT04	80.00	18.50	0.3750	13.00	0.1793	45.0	2250	45.0	2250	38.0	1140	23.00	1.50 x 54 x 6	8	3511
SPRTS 80 HT05	80.00	20.50	0.3750	16.68	0.1875	58.0	2900	58.0	2900	51.5	1545	25.50	1.75 x 84 x 6	8	3773
SPRTS 80 HT06	80.00	22.50	0.3750	18.68	0.1875	71.0	3550	71.0	3550	64.0	1920	27.50	1.75 x 84 x 6	8	4271

Notes

1 12.0" & 13.0" DIA sections 7 ga. & 5 ga. are ASTM A595 Grade 55. All other sections are ASTM A572 Grade 55. (3 ga. Sections may also be ASTM A595 Grade 55)

BASE DETAIL



Notes

1 Base plate material: ASTM A36.

IMPORTANT:

- These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

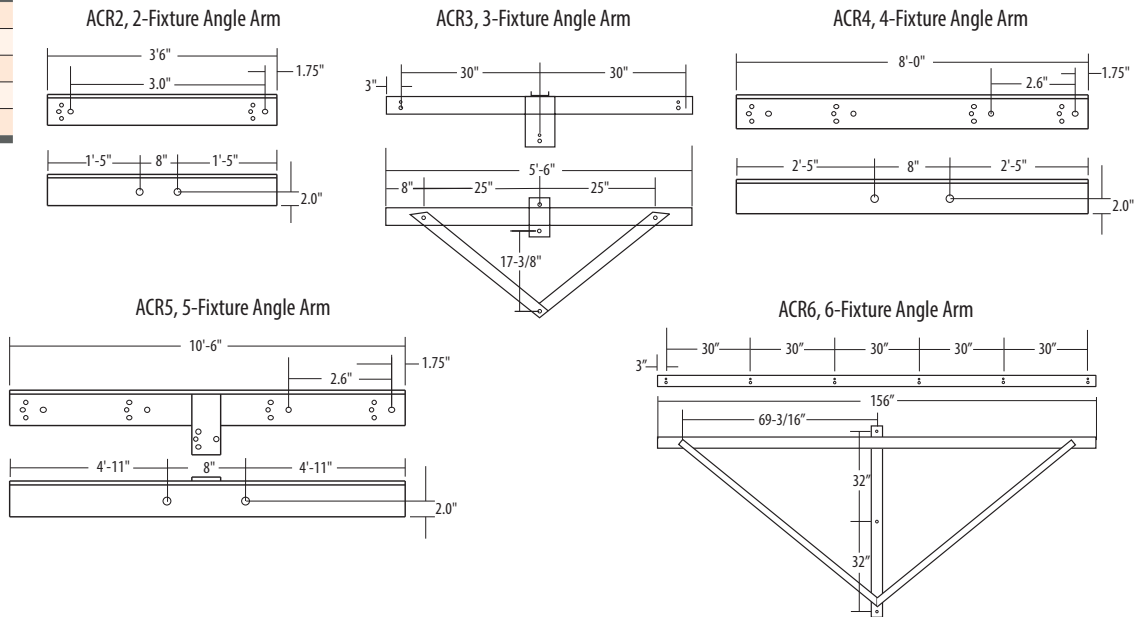
Intended Use

For use on SPRTS sportslighting poles.

ANGLE IRON CROSSARMS FOR STEEL POLES

CATALOG NUMBER	ARM EPA (SQ. FT.)	WEIGHT (LBS.)
ACR2	1.98	34.0
ACR3	3.12	54.0
ACR4	4.53	78.0
ACR5	5.95	103.0
ACR6	7.37	127.0

Projected area is for the crossarm only. The crossarm projected area is added to the luminaire projected area to get a total effective projected area (EPA).



Notes

Angle iron crossarms can be used with other poles if ordered with the pole.

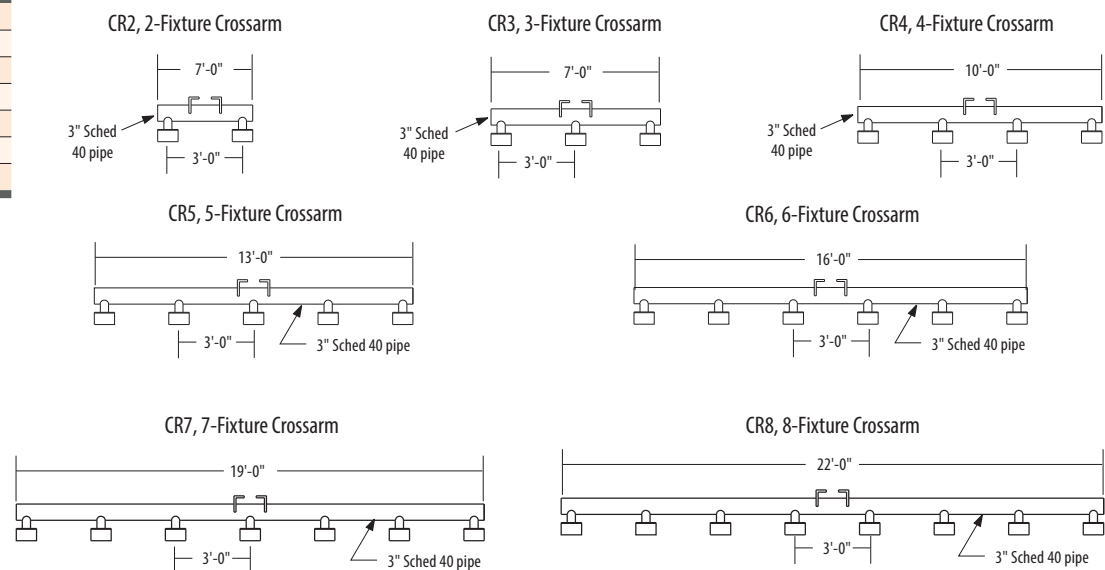
Intended Use

For use on SPRTS sportslighting poles.

TUBULAR CROSSARMS FOR STEEL POLES

CATALOG NUMBER	ARM EPA (SQ. FT.)	WEIGHT (LBS.)
CR2	1.28	44.0
CR3	2.45	65.0
CR4	3.21	98.0
CR5	4.17	116.0
CR6	5.13	150.0
CR7	6.10	176.0
CR8	7.06	271.0

Projected area is for the crossarm only. The crossarm projected area is added to the luminaire projected area to get a total effective projected area (EPA).



Notes

Tubular crossarms can be used with other poles if ordered with the pole.

PRODUCT INFORMATION

SSA

Square Straight Aluminum

**Intended Use**

Square Straight Aluminum general purpose light pole for up to 35 foot mounting heights. Provides a lighter and naturally corrosion-resistant option for mounting area light fixtures and floodlights.

Features

- Pole is made of extruded 6063-T6 or 6061-T6 aluminum tubing that is heat treated to a T6 temper to provide maximum strength
- Anchor base is fabricated from aluminum and is circumferentially welded to the top and bottom of the base plate and shaft to ensure maximum support. It is also T6 temper reinforced

- Hand hole rim is reinforced with minimum dimensions of 2" x 4" and located 18" up from pole base to allow ease of access to wiring. Grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

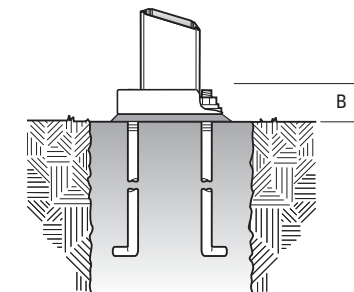
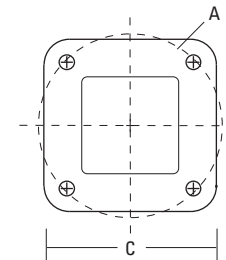
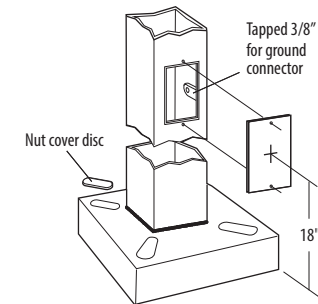
TECHNICAL INFORMATION - EPA (FT³) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	WALL THICK. (IN.)	80 MPH	90 MPH	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
SSA 8 4C	8	4 x 8	0.125	16.5	12.6	9.9	300	8.5 - 9.625	3/4 x 18 x 3	32
SSA 10 4C	10	4 x 10	0.125	11.5	8.6	6.5	230	8.5 - 9.625	3/4 x 18 x 3	37
SSA 12 4C	12	4 x 12	0.125	12.4	9.2	6.9	160	8.5 - 9.625	3/4 x 18 x 3	40
SSA 14 4C	14	4 x 14	0.125	9.3	6.7	4.8	120	8.5 - 9.625	3/4 x 18 x 3	50
SSA 15 4C	15	4 x 15	0.125	8.0	5.6	3.9	100	8.5 - 9.625	3/4 x 18 x 3	52
SSA 16 4C	16	4 x 16	0.125	6.9	4.7	3.1	90	8.5 - 9.625	3/4 x 18 x 3	54
SSA 16 4G	16	4 x 16	0.188	11.8	8.5	6.2	130	8.5 - 9.625	3/4 x 30 x 3	74
SSA 16 5G	16	5 x 16	0.188	15.0	11.1	7.5	280	10.5 - 11.5	3/4 x 30 x 3	83
SSA 18 4C	18	4 x 18	0.125	4.9	3.0	1.7	70	8.5 - 9.625	3/4 x 18 x 3	57
SSA 18 4G	18	4 x 18	0.188	9.2	6.4	4.4	100	8.5 - 9.625	3/4 x 30 x 3	80
SSA 18 5G	18	5 x 18	0.188	16.8	12.2	8.9	230	10.5 - 11.5	3/4 x 30 x 3	91
SSA 20 4C	20	4 x 20	0.125	3.3	1.7	0.5	40	8.5 - 9.625	3/4 x 30 x 3	62
SSA 20 4G	20	4 x 20	0.188	7.0	4.6	2.9	80	8.5 - 9.625	3/4 x 30 x 3	85
SSA 20 5G	20	5 x 20	0.188	13.6	9.5	6.6	180	10.5 - 11.5	3/4 x 30 x 3	107
SSA 20 6G	20	6 x 20	0.188	22.0	15.9	11.6	230	12 - 13	1 x 36 x 4	155
SSA 20 6J	20	6 x 20	0.250	30.4	22.6	17.0	300	12 - 13	1 x 36 x 4	202
SSA 25 5G	25	5 x 25	0.188	7.2	4.2	2.0	110	10.5 - 11.5	3/4 x 30 x 3	130
SSA 25 6G	25	6 x 25	0.188	13.2	8.6	5.4	180	12 - 13	1 x 36 x 4	180
SSA 25 6J	25	6 x 25	0.250	19.7	13.8	9.5	250	12 - 13	1 x 36 x 4	224
SSA 30 6G	30	6 x 30	0.188	7.0	3.4	0.8	130	12 - 13	1 x 36 x 4	210
SSA 30 6J	30	6 x 30	0.250	12.2	7.5	4.1	170	12 - 13	1 x 36 x 4	258
SSA 32 6J	32	6 x 32	0.250	9.7	5.4	2.3	160	12 - 13	1 x 36 x 4	272
SSA 35 6J	35	6 x 35	0.250	6.4	2.6	-	200	12 - 13	1 x 36 x 4	294
SSA 35 7J	35	6.75 x 35	0.250	7.6	3.1	-	150	14.625	1 x 36 x 4	290

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4"C	8.5" - 9.625"	3.125"	9.938"	ABTEMPLATE PJ50045	AB18-0
4"G	8.5" - 9.625"	3.125"	9.938"	ABTEMPLATE PJ50045	AB30-0
5"	10.5" - 11.5"	3.25"	11.563"	ABTEMPLATE PJ50046	AB30-0
6"	12" - 13"	4"	12.25"	ABTEMPLATE PJ50044	AB36-0
7"	14.625"	4.125"	15"	ABTEMPLATE PJ50130	AB36-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

**Notes**

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Special alloy for high wind load conditions available, consult factory.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct-burial option available, consult factory.
- Full base cover available as option, consult factory.
- Consult factory if product must meet "US POM" specifications.

Intended Use

Square Straight Cruciform Aluminum light pole for up to 30 foot mounting heights. Provides some architectural interest for mounting area light fixtures and floodlights.

Features

- Pole is made of extruded aluminum
- Anchor base is fabricated from aluminum and is circumferentially welded to the top and bottom of the base plate and shaft to ensure maximum support. It is also T6 temper reinforced
- Hand hole rim is rectangular, reinforced with dimensions of 2" x 4", 18" above the base (12" above base on 4" poles) to allow ease of access to wiring and grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

SSCA

Square Straight Aluminum

**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

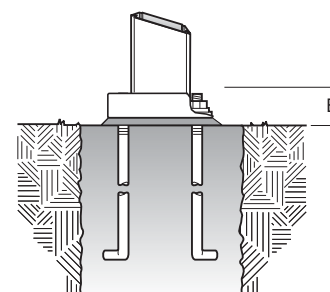
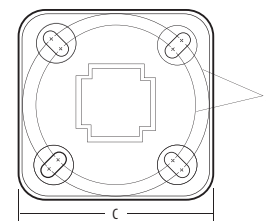
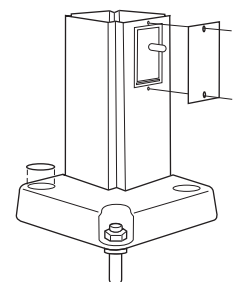
TECHNICAL INFORMATION- EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	WALL THICK. (IN.)	80 MPH	90 MPH	100 MPH	MAX. WT. (IN. X IN. X IN.)	APPROX. BOLT CIRCLE (IN.)	BOLT SIZE	SHIP WT. (LBS.)
SSCA 8 4G	8	4 x 8	0.188	30.2	23.5	18.6	350	8.5 - 9.625	3/4 x 18 x 3	45
SSCA 10 4G	10	4 x 10	0.188	23.5	18	14.1	260	8.5 - 9.625	3/4 x 18 x 3	50
SSCA 12 4G	12	4 x 12	0.188	18.4	13.9	10.7	260	8.5 - 9.625	3/4 x 18 x 3	56
SSCA 15 4G	15	4 x 15	0.188	10.6	7.7	5.6	200	8.5 - 9.625	3/4 x 18 x 3	67
SSCA 18 4G	18	4 x 18	0.188	7.2	4.9	3.2	200	8.5 - 9.625	3/4 x 18 x 3	77
SSCA 18 6G	18	6 x 18	0.188	21.7	15.9	11.7	260	12 - 13	1 x 36 x 4	139
SSCA 20 4G	20	4 x 20	0.188	5.8	3.6	2	100	8.5 - 9.625	3/4 x 18 x 3	84
SSCA 20 6G	20	6 x 20	0.188	18.3	13	9.2	150	12 - 13	1 x 36 x 4	149
SSCA 25 6G	25	6 x 25	0.188	11	6.8	3.7	150	12 - 13	1 x 36 x 4	175
SSCA 30 6G	30	6 x 30	0.188	4.5	1.4	-	260	12 - 13	1 x 36 x 4	201

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4"	8.5" - 9.625"	3.125"	9.938"	ABTEMPLATE PJ50131	AB18-0
6"	12" - 13"	4"	12.75"	ABTEMPLATE PJ50132	AB36-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

**Notes**

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Consult factory if product must meet "US POM" specifications.

PRODUCT INFORMATION

RSA

Round Straight Aluminum

**Intended Use**

Round Straight Aluminum general purpose light pole for up to 35 foot mounting heights. Provides a lighter and naturally corrosion-resistant option for mounting area light fixtures.

Features

- Pole is made of extruded 6063-T6 aluminum tubing that is heat treated to a T6 temper to provide maximum strength
- Anchor base is fabricated from A356 aluminum and is circumferentially welded to the top and bottom of the base plate and shaft to ensure maximum support. It is also T6 temper reinforced

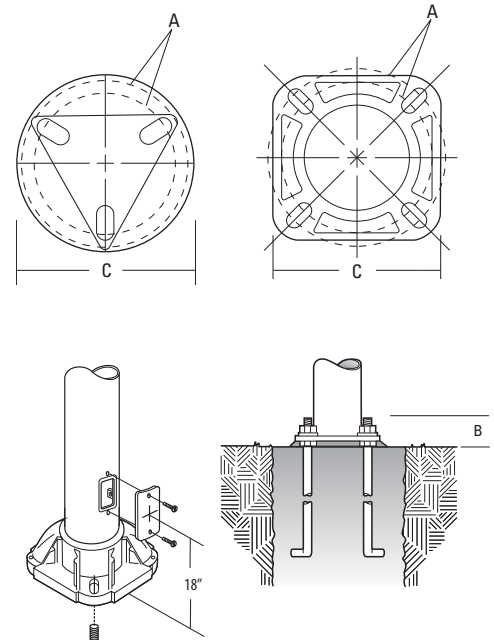
- Hand hole rim has minimum dimensions of 2" x 4" and located 18" above the base to allow ease of access to wiring. Grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

NUMBER OF BOLTS	CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	WALL THICK. (IN.)	80 MPH	90 MPH	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
4-BOLT BASE	RSA 8 4C	8	4 x 8	0.125	11.2	8.6	6.8	125	6.5 - 8.25	3/4 x 18 x 3	22
	RSA 10 4C	10	4 x 10	0.125	8.2	6.1	4.7	100	6.5 - 8.25	3/4 x 18 x 3	26
	RSA 12 4C	12	4 x 12	0.125	6.0	4.3	3.2	110	6.5 - 8.25	3/4 x 18 x 3	30
	RSA 12 4-5C	12	4.5 x 12	0.125	8.1	6.0	4.8	80	7.125 - 8.375	3/4 x 18 x 3	38
	RSA 14 4C	14	4 x 14	0.125	4.1	2.8	1.9	75	6.5 - 8.25	3/4 x 18 x 3	35
	RSA 14 4-5C	14	4.5 x 14	0.125	5.8	4.2	3.3	60	7.125 - 8.375	3/4 x 18 x 3	42
	RSA 14 5C	14	5 x 14	0.125	7.8	6.0	4.7	100	7.5 - 9.5	3/4 x 18 x 3	39
	RSA 16 4C	16	4 x 16	0.125	2.8	1.6	1.0	150	6.5 - 8.5	3/4 x 18 x 3	38
	RSA 16 4-5C	16	4.5 x 16	0.125	4.2	2.8	2.1	50	7.125 - 8.375	3/4 x 18 x 3	46
	RSA 16 4-5G	16	4.5 x 16	0.188	7.5	5.5	4.3	155	7.125 - 8.375	3/4 x 18 x 3	62
	RSA 16 5C	16	5 x 16	0.125	5.9	4.4	3.4	175	7.5 - 9.5	3/4 x 18 x 3	46
	RSA 16 5E	16	5 x 16	0.156	8.0	6.1	4.8	190	7.5 - 9.5	3/4 x 18 x 3	53
	RSA 18 4-5G	18	4.5 x 18	0.188	5.7	4.0	3.1	123	7.125 - 8.375	3/4 x 18 x 3	68
	RSA 18 5C	18	5 x 18	0.125	4.3	3.1	2.4	150	7.5 - 9.5	3/4 x 18 x 3	48
	RSA 18 5E	18	5 x 18	0.156	6.1	4.6	3.5	175	7.5 - 9.5	3/4 x 18 x 3	58
	RSA 18 5G	18	5 x 18	0.188	8.0	6.8	4.7	225	7.5 - 9.5	3/4 x 18 x 3	68
	RSA 20 4-5G	20	4.5 x 20	0.188	4.3	2.9	2.1	95	7.125 - 8.375	3/4 x 18 x 3	74
	RSA 20 5C	20	5 x 20	0.125	3.0	2.1	1.5	150	7.5 - 9.5	3/4 x 18 x 3	54
	RSA 20 5E	20	5 x 20	0.156	4.7	3.4	2.6	150	7.5 - 9.5	3/4 x 18 x 3	68
	RSA 20 5G	20	5 x 20	0.188	6.4	4.8	3.6	150	7.5 - 9.5	3/4 x 18 x 3	82
	RSA 20 6E	20	6 x 20	0.156	9.3	7.1	5.5	175	8.75 - 10.25	3/4 x 30 x 3	95
	RSA 25 4-5G	25	4.5 x 25	0.188	1.3	-	-	100	7.125 - 8.375	3/4 x 18 x 3	89
	RSA 25 6E	25	6 x 25	0.156	5.2	3.8	2.8	150	8.75 - 10.25	3/4 x 30 x 3	108
	RSA 25 6G	25	6 x 25	0.188	7.1	5.3	4.0	150	8.75 - 10.25	3/4 x 30 x 3	128
	RSA 30 6G	30	6 x 30	0.188	3.5	2.4	1.6	200	8.75 - 10.25	3/4 x 30 x 3	146
3-BOLT BASE	3RSA 8 3C	8	3 x 8	0.125	5.8	4.3	3.3	75	5.5 - 7	3/4 x 18 x 3	22
	3RSA 10 3C	10	3 x 10	0.125	4.0	2.9	2.1	75	5.5 - 7	3/4 x 18 x 3	26
	3RSA 10 4C	10	4 x 10	0.125	8.2	6.1	4.7	75	6.3125 - 7.375	3/4 x 18 x 3	26
	3RSA 12 3C	12	3 x 12	0.125	2.7	1.8	1.2	75	5.5 - 7	3/4 x 18 x 3	30
	3RSA 12 4C	12	4 x 12	0.125	5.8	4.2	3.1	150	6.3125 - 7.375	3/4 x 18 x 3	30
	3RSA 12 5C	12	5 x 12	0.125	10.3	8	6.3	150	7.375 - 8.5	3/4 x 18 x 3	36
	3RSA 14 3C	14	14 x 3	0.125	1.7	1.0	0	75	5.5 - 7	3/4 x 18 x 3	35
	3RSA 14 4C	14	14 x 4	0.125	4.1	2.8	1.9	150	6.3125 - 7.375	3/4 x 18 x 3	35
	3RSA 14 5C	14	14 x 5	0.125	7.9	6.0	4.7	150	7.375 - 8.5	3/4 x 18 x 3	39
	3RSA 16 4C	16	4 x 16	0.125	2.8	1.6	1.0	150	6.3125 - 7.375	3/4 x 18 x 3	38
	3RSA 16 5E	16	5 x 16	0.156	8.0	6.1	4.8	150	7.375 - 8.5	3/4 x 18 x 3	53
	3RSA 18 5C	18	5 x 18	0.125	4.3	3.1	2.4	150	7.375 - 8.5	3/4 x 18 x 3	48
	3RSA 20 5C	20	5 x 20	0.125	2.9	2.0	1.4	150	7.375 - 8.5	3/4 x 18 x 3	54
	3RSA 20 5E	20	5 x 20	0.156	4.6	3.3	2.5	150	7.375 - 8.5	3/4 x 18 x 3	68



INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

Notes

- Mounting arrangement: (PT) open top or (Tox) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct-burial option available, consult factory.
- Consult factory if product must meet "US POM" specifications.
- Three-bolt poles have drilling located midway between anchor bolts. Hand hole is located on opposite side of drilling. For special drillings, consult factory.

POLE DATA

NUMBER OF BOLTS	SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4-BOLT BASE	4"	6.5" - 8.25"	3.25"	8.75"	ABTEMPLATE PJ50057	AB18-0
	4.5"	7" - 8.5"	3.25"	8.5"	ABTEMPLATE PJ50040	AB18-0
	5"	7.5" - 9.5"	3.25"	9.25"	ABTEMPLATE PJ50058	AB18-0
	6"	8.75" - 10.25"	3.50"	10.25"	ABTEMPLATE PJ50059	AB30-0
3-BOLT BASE	3"	5.5" - 7"	3.25"	7.5"	ABTEMPLATE PJ50125	AB18-0
	4"	6.3125" - 7.375"	3.25"	8.875"	ABTEMPLATE PJ50126	AB18-0
	5"	7.375" - 8.5"	3.25"	10.25"	ABTEMPLATE PJ50127	AB18-0

Intended Use

Round Straight Aluminum general purpose light pole for up to 20 foot mounting heights. Provides a cast aluminum decorative base cover to compliment the OMERO area fixtures.

Features

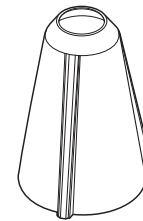
- Pole is made of extruded 6063-T6 aluminum tubing that is heat treated to a T6 temper to provide maximum strength
- Anchor base is fabricated from A356 aluminum and is circumferentially welded to the top and bottom of the base plate and shaft to ensure maximum support. It is also T6 temper reinforced
- Hand hole rim has minimum dimensions of 2" x 5" located 12" above the base to allow ease of access to wiring. Grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Pole base is offered with a decorative base (RSAO) or a low-profile base cover (RSALP) to add to the aesthetic value
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

RSAORound Straight Aluminum with
OMERO™ Decorative Base Cover**RSALP**Round Straight Aluminum with
Low-Profile Base Cover**ADDITIONAL INFORMATION**

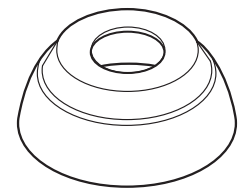
For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

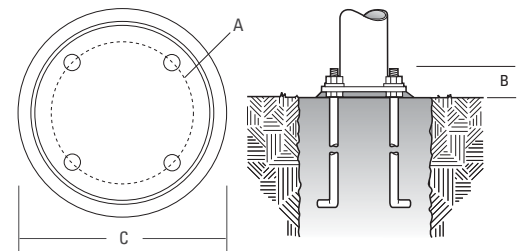
NUMBER OF BOLTS	CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	WALL THICK. (IN.)	80 MPH	90 MPH	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
RSAO 4-BOLT BASE	RSAO 8 4C	8	4 x 8	0.125	11.2	8.6	6.8	125	7.5	3/4 x 18 x 3	22
	RSAO 10 4C	10	4 x 10	0.125	8.2	6.1	4.7	100	7.5	3/4 x 18 x 3	26
	RSAO 12 4C	12	4 x 12	0.125	6.0	4.3	3.2	110	7.5	3/4 x 18 x 3	30
	RSAO 12 4-5C	12	4.5 x 12	0.125	8.1	6.0	4.8	80	7.5	3/4 x 18 x 3	38
	RSAO 14 4C	14	4 x 14	0.125	4.1	2.8	1.9	75	7.5	3/4 x 18 x 3	35
	RSAO 14 4-5C	14	4.5 x 14	0.125	5.8	4.2	3.3	60	7.5	3/4 x 18 x 3	42
	RSAO 14 5C	14	5 x 14	0.125	7.8	6.0	4.7	100	7.5	3/4 x 18 x 3	39
	RSAO 16 4C	16	4 x 16	0.125	2.8	1.6	1.0	150	7.5	3/4 x 18 x 3	38
	RSAO 16 4-5C	16	4.5 x 16	0.125	4.2	2.8	2.1	50	7.5	3/4 x 18 x 3	46
	RSAO 16 5C	16	5 x 16	0.125	5.9	4.4	3.4	175	7.5-9.5	3/4 x 18 x 3	46
	RSAO 18 4-5G	18	4.5 x 18	0.188	5.7	4.0	3.1	123	7.125-8.375	3/4 x 18 x 3	68
	RSAO 18 5C	18	5 x 18	0.125	4.3	3.1	2.4	150	7.5-9.5	3/4 x 18 x 3	48
RSALP 4-BOLT BASE	RSAO 20 4-5G	20	4.5 x 20	0.188	4.3	2.9	2.1	95	7.125-8.375	3/4 x 18 x 3	74
	RSAO 20 5C	20	5 x 20	0.125	3.0	2.1	1.5	150	7.5-9.5	3/4 x 18 x 3	54
	RSALP 8 4C	8	4 x 8	0.125	11.2	8.6	6.8	125	6.5-8.25	3/4 x 18 x 3	22
	RSALP 10 4C	10	4 x 10	0.125	8.2	6.1	4.7	100	7.125-8.375	3/4 x 18 x 3	26
	RSALP 12 4C	12	4 x 12	0.125	6.0	4.3	3.2	110	6.5-8.25	3/4 x 18 x 3	30
	RSALP 12 4-5C	12	4.5 x 12	0.125	8.1	6.0	4.8	80	7.125-8.375	3/4 x 18 x 3	38
	RSALP 14 4C	14	4 x 14	0.125	4.1	2.8	1.9	75	7.5-9.5	3/4 x 18 x 3	35
	RSALP 14 4-5C	14	4.5 x 14	0.125	5.8	4.2	3.3	60	6.5-8.5	3/4 x 18 x 3	42
	RSALP 14 5C	14	5 x 14	0.125	7.8	6.0	4.7	100	7.125-8.375	3/4 x 18 x 3	39
	RSALP 16 4C	16	4 x 16	0.125	2.8	1.6	1.0	150	7.125-8.375	3/4 x 18 x 3	38
	RSALP 16 4-5C	16	4.5 x 16	0.125	4.2	2.8	2.1	50	7.5-9.5	3/4 x 18 x 3	46
	RSALP 16 5C	16	5 x 16	0.125	5.9	4.4	3.4	175	7.5-9.5	3/4 x 18 x 3	46
	RSALP 18 4-5G	18	4.5 x 18	0.188	5.7	4.0	3.1	123	7.125-8.375	3/4 x 18 x 3	68
	RSALP 18 5C	18	5 x 18	0.125	4.3	3.1	2.4	150	7.5-9.5	3/4 x 18 x 3	48
	RSALP 20 4-5G	20	4.5 x 20	0.188	4.3	2.9	2.1	95	7.125-8.375	3/4 x 18 x 3	74
	RSALP 20 5C	20	5 x 20	0.125	3.0	2.1	1.5	150	7.5-9.5	3/4 x 18 x 3	54



RSAO Base Cover



RSALP Base Cover

**POLE DATA**

NUMBER OF BOLTS	SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
RSAO 4-BOLT BASE	4"	7.5"	3.25"	13"	ABTEMPLATE PJ50070	AB18-0
	4.5"	7.5"	3.25"	8.5"	ABTEMPLATE PJ50070	AB18-0
	5"	7.5"	3.25"	9.25"	ABTEMPLATE PJ50070	AB18-0
RSALP 4-BOLT BASE	4"	6.5" - 8.25"	3.25"	8.75"	ABTEMPLATE PJ50057	AB18-0
	4.5"	7" - 8.5"	3.25"	8.5"	ABTEMPLATE PJ50040	AB18-0
	5"	7.5" - 8"	3.25"	7.5"	ABTEMPLATE PJ50071	AB18-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

Notes

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Consult factory if product must meet "US POM" specifications.
- Brushed aluminum or anodized finish is not recommended.

PRODUCT INFORMATION

RTA

Round Tapered Aluminum

**Intended Use**

Round Tapered Aluminum general purpose light pole for up to 39 foot mounting heights. Provides a naturally corrosion-resistant option with higher mounting heights for area light fixtures and floodlights.

Features

- Pole is made of tapered aluminum tubing that is heat treated to a T6 temper to provide maximum strength
- Anchor base is fabricated from aluminum and is circumferentially welded to the top and bottom of the base plate and shaft to ensure maximum support

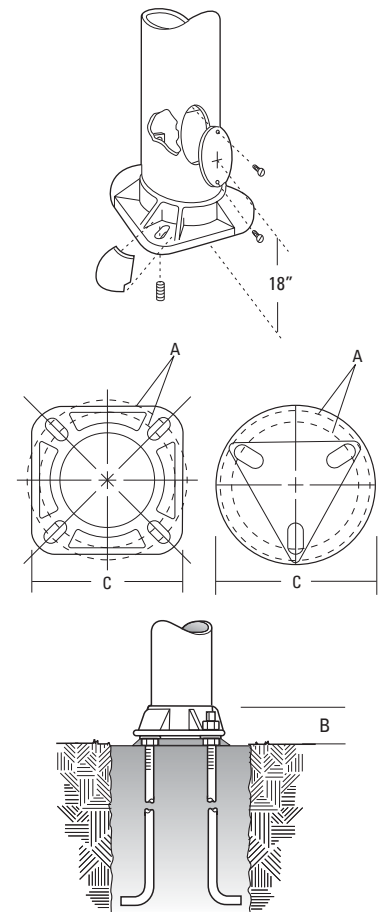
- Hand hole rim with minimum dimensions of 3" x 5" located 18" above the base to allow ease of access to wiring. Grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION - EPA (FT³) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

NUMBER OF BOLTS	CATALOG NUMBER	NOM. MOUNT HT. (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN. X FT.)	WALL THICKNESS (IN.)	80 MPH	90 MPH	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX SHIP WT. (LBS.)
4-BOLT BASE	RTA 20 5C	20	5 x 3 x 19.66	0.125	3.9	2.5	1.6	100	7.5 - 9.5	3/4 x 18 x 3	62
	RTA 20 5G	20	5 x 3 x 19.66	0.188	7.4	5.2	3.8	100	7.5 - 9.5	3/4 x 18 x 3	72
	RTA 20 6G	20	6 x 4 x 19.66	0.188	12.2	9.2	7.2	214	9 - 10	3/4 x 30 x 3	107
	RTA 20 7E	20	7 x 4 x 19.66	0.156	15.0	11.4	9.0	256	9.875 - 11.25	1 x 36 x 4	103
	RTA 25 6E	25	6 x 4 x 24.66	0.156	5.3	3.6	2.6	114	9 - 10	3/4 x 30 x 3	106
	RTA 25 7E	25	7 x 4 x 24.66	0.156	9.5	7.0	5.4	162	9.875 - 11.25	1 x 36 x 4	120
	RTA 25 8E	25	8 x 4.5 x 24.66	0.156	14.2	10.9	8.5	220	11 - 12	1 x 36 x 4	130
	RTA 25 8G	25	8 x 4.5 x 24.66	0.188	18.0	13.8	10.9	261	11 - 12	1 x 36 x 4	153
	RTA 30 7E	30	7 x 4 x 29.66	0.156	5.5	3.8	2.7	111	9.875 - 11.25	1 x 36 x 4	135
	RTA 30 8E	30	8 x 4.5 x 29.66	0.156	9.4	7.0	5.3	151	11 - 12	1 x 36 x 4	150
	RTA 30 8G	30	8 x 4.5 x 29.66	0.188	12.4	9.4	7.3	179	11 - 12	1 x 36 x 4	175
	RTA 30 10G	30	10 x 6 x 29.66	0.188	23.8	18.3	14.3	377	14.25 - 16.25	1 x 40 x 4	235
	RTA 35 8E	35	8 x 4.5 x 34.66	0.156	5.8	4.1	2.9	119	11 - 12	1 x 36 x 4	185
	RTA 35 8G	35	8 x 4.5 x 34.66	0.188	8.3	6.0	4.5	141	11 - 12	1 x 36 x 4	220
	RTA 35 8J	35	8 x 4.5 x 34.66	0.250	12.9	9.7	7.5	183	11 - 12	1 x 36 x 4	251
	RTA 35 10G	35	10 x 6 x 34.66	0.188	17.9	13.6	10.4	295	14.25 - 16.25	1 x 40 x 4	268
	RTA 39 8G	39	8 x 4.5 x 38.66	0.188	5.6	3.9	2.7	122	11 - 12	1 x 36 x 4	250
	RTA 39 8J	39	8 x 4.5 x 38.66	0.250	9.7	7.1	5.4	158	11 - 12	1 x 36 x 4	280
	RTA 39 10G	39	10 x 6 x 38.66	0.188	14.2	10.5	7.8	253	14.25 - 16.25	1 x 40 x 4	295
	RTA 39 10J	39	10 x 6 x 38.66	0.250	20.4	15.5	11.9	300	14.5 - 16	1-1/4 x 48 x 5	373
3-BOLT BASE	3RTA 8 4C	8	4 x 3 x 8	0.125	12.1	9.3	7.3	75	6.5 - 7.25	3/4 x 18 x 3	23
	3RTA 10 4C	10	4 x 3 x 10	0.125	8.8	6.7	5.2	75	6.5 - 7.25	3/4 x 18 x 3	27
	3RTA 12 4C	12	4 x 3 x 12	0.125	6.6	4.8	3.6	75	6.5 - 7.25	3/4 x 18 x 3	31
	3RTA 14 4C	14	4 x 3 x 14	0.125	4.9	3.4	2.4	75	6.5 - 7.25	3/4 x 18 x 3	34
	3RTA 16 4C	16	4 x 3 x 16	0.125	3.5	2.3	1.5	75	6.5 - 7.25	3/4 x 18 x 3	38
	3RTA 16 5C	16	5 x 3 x 16	0.125	6.9	5.0	3.8	75	7.5 - 8.5	3/4 x 18 x 3	43
	3RTA 18 5C	18	5 x 3 x 18	0.125	5.0	3.5	2.5	150	7.5 - 8.5	3/4 x 18 x 3	47
	3RTA 18 5E	18	5 x 3 x 18	0.156	7.0	5.0	3.7	150	7.5 - 8.5	3/4 x 18 x 3	57
	3RTA 20 5C	20	5 x 3 x 20	0.125	3.8	2.5	1.6	150	7.5 - 8.5	3/4 x 18 x 3	50
	3RTA 20 5E	20	5 x 3 x 20	0.156	5.5	3.8	2.6	150	7.5 - 8.5	3/4 x 18 x 3	62



POLE DATA

NUMBER OF BOLTS	SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4-BOLT BASE	5"	7.5" - 9.5"	3.25"	9.25"	ABTEMPLATE PJ50032	AB18-0
	6"	9" - 10"	3.50"	10"	ABTEMPLATE PJ50033	AB30-0
	7"	9.875" - 11.25"	4.125"	10.5"	ABTEMPLATE PJ50034	AB36-0
	8"	11" - 12"	4.25"	11.5"	ABTEMPLATE PJ50035	AB36-0
	10"G	14.25" - 16.25"	4.50"	14.5"	ABTEMPLATE PJ50036	AB40-0
	10"J	14.5" - 16"	5.00"	14.5"	ABTEMPLATE PJ50063	AB48-0
3-BOLT BASE	4"	6.5" - 7.25"	3.25"	8.875"	ABTEMPLATE PJ50128	AB18-0
	5"	7.5" - 8.5"	3.25"	10.25"	ABTEMPLATE PJ50129	AB18-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

Notes

- Mounting arrangement: (PT) open top or (Txx) tenon and (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct-burial option available, consult factory.
- 2" x 4" hand hole used on 4" and some 5" shafts.
- 4" x 8" hand hole available on 8" shafts, consult factory.
- Consult factory if product must meet "US POM" specification.
- Three-bolt poles have drilling located midway between anchor bolts. Hand hole is located to opposite side of drilling. For special drillings, consult factory.

Intended Use

Round Tapered Aluminum roadway light pole with upsweep mast arm(s) for up to 40 foot mounting. Provides roadway style mast arm to extend light fixture out from pole over target area.

Features

- Pole is made of tapered aluminum tubing that is heat treated to a T6 temper to provide maximum strength
- Mast arm is made of tapered aluminum tubing with a 2-3/8" end O.D. and welded to an aluminum plate that is mounted to a shaft via stainless steel bolts for ease of installation
- Anchor base is fabricated from aluminum and is circumferentially welded to the top and bottom of the base plate and shaft to ensure maximum support
- Hand hole rim is reinforced with dimensions of 3" x 5" or 4" x 6" located 18" above the base to allow ease of access to wiring. Grounding provisions located inside (grounding bolt not included)
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

RTAU

Round Tapered Aluminum with Upsweep Mast Arms

**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

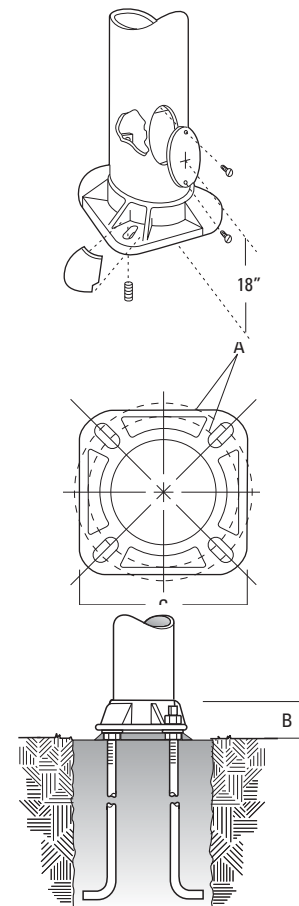
TECHNICAL INFORMATION (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER		NOM. MOUNT. HT. (FT.)	MTG. ARM LENGTH (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN.)	WALL THICK. (IN.)	EPA FT ² W/1.3 GUST UP TO 100 MPH (PER ARM)	MAX. WT. (LBS.)	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
SINGLE-ARM POLES	RTAU 20 6E BMA US4	20	4	6 x 4.5	0.156	2	65	9" - 10"	3/4 x 30 x 3	90
	RTAU 20 6G BMA US6	20	6	6 x 4.5	0.188	2	65	9" - 10"	3/4 x 30 x 3	100
	RTAU 20 6G BMA US8	20	8	6 x 4.5	0.188	1.74	65	9" - 10"	3/4 x 30 x 3	105
	RTAU 25 7E BMA US4	25	4	7 x 4.5	0.156	2	65	10" - 11"	1 x 36 x 4	120
	RTAU 25 7G BMA US6	25	6	7 x 4.5	0.188	2	65	10" - 11"	1 x 36 x 4	140
	RTAU 25 8E BMA US8	25	8	8 x 4.5	0.156	1.74	65	11" - 12"	1 x 36 x 4	135
	RTAU 30 8E BMA US4	30	4	8 x 4.5	0.156	2	65	11" - 12"	1 x 36 x 4	150
	RTAU 30 8G BMA US6	30	6	8 x 4.5	0.188	2	65	11" - 12"	1 x 36 x 4	170
	RTAU 30 8G BMA US8	30	8	8 x 4.5	0.188	1.74	65	11" - 12"	1 x 36 x 4	175
	RTAU 35 8G BMA US4	35	4	8 x 4.5	0.188	2	65	11" - 12"	1 x 36 x 4	190
	RTAU 35 8J BMA US6	35	6	8 x 4.5	0.250	2	65	11" - 12"	1 x 36 x 4	240
	RTAU 35 8J BMA US8	35	8	8 x 4.5	0.250	1.74	65	11" - 12"	1 x 36 x 4	245
	RTAU 40 8J BMA US4	40	4	8 x 4.5	0.250	2	65	11" - 12"	1 x 36 x 4	255
	RTAU 40 8J BMA US6	40	6	8 x 4.5	0.250	2	65	11" - 12"	1 x 36 x 4	260
	RTAU 40 10G BMA US8	40	8	10 x 6	0.188	1.74	65	14" - 15"	1 x 48 x 4	265
DOUBLE-ARM POLES	RTAU 20 6G BMA 2US4	20	4	6 x 4.5	0.188	2	65	9" - 10"	3/4 x 30 x 3	105
	RTAU 20 7E BMA 2US6	20	6	7 x 4.5	0.156	2	65	10" - 11"	1 x 36 x 4	120
	RTAU 20 7G BMA 2US8	20	8	7 x 4.5	0.188	1.74	65	10" - 11"	1 x 36 x 4	140
	RTAU 25 8E BMA 2US4	25	4	8 x 4.5	0.156	2	65	11" - 12"	1 x 36 x 4	140
	RTAU 25 8E BMA 2US6	25	6	8 x 4.5	0.156	2	65	11" - 12"	1 x 36 x 4	145
	RTAU 25 8G BMA 2US8	25	8	8 x 4.5	0.188	1.74	65	11" - 12"	1 x 36 x 4	170
	RTAU 30 8G BMA 2US4	30	4	8 x 4.5	0.188	2	65	11" - 12"	1 x 36 x 4	175
	RTAU 30 8J BMA 2US6	30	6	8 x 4.5	0.250	2	65	11" - 12"	1 x 36 x 4	215
	RTAU 30 8J BMA 2US8	30	8	8 x 4.5	0.250	1.74	65	11" - 12"	1 x 36 x 4	220
	RTAU 35 10G BMA 2US4	35	4	10 x 6	0.188	2	65	14" - 15"	1 x 48 x 4	270
	RTAU 35 10G BMA 2US6	35	6	10 x 6	0.188	2	65	14" - 15"	1 x 48 x 4	280
	RTAU 35 10J BMA 2US8	35	8	10 x 6	0.250	1.74	65	14" - 15"	1 x 48 x 4	350
	RTAU 40 10L BMA 2US4	40	4	10 x 6	0.219	2	65	14" - 15"	1 x 48 x 4	320
	RTAU 40 10L BMA 2US6	40	6	10 x 6	0.219	2	65	14" - 15"	1 x 48 x 4	325
	RTAU 40 10J BMA 2US8	40	8	10 x 6	0.250	1.74	65	14" - 15"	1 x 48 x 4	365

POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
6"	9" - 10"	4.75"	9.75"	ABTEMPLATE PJ50033	AB30-0
7"	10" - 11"	4.75"	10.5"	ABTEMPLATE PJ50034	AB36-0
8"	11" - 12"	4.75"	11.25"	ABTEMPLATE PJ50035	AB36-0
10"	14" - 15"	5.25"	14"	ABTEMPLATE PJ50481	AB481-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

**Notes**

- Fixture's nominal mounting height is the sum of shaft length plus rise of upsweep arm.
- Three- and four-arm configurations available, consult factory.
- Truss and davit arms available, consult factory.
- Mounting options: (Txx) tenon and/or (DMxx) drilling may be added, consult factory.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Transformer bases and breakaway couplings available, consult factory.
- Three-bolt slip bases available, consult factory.
- Direct-burial option available, consult factory.
- Consult factory if product must meet "US POM" specifications.

PRODUCT INFORMATION

RSAH

Round Straight Aluminum, Hinged



Intended Use

Round Straight Aluminum Hinged light pole with up to 20 foot mounting heights. Best used where maintenance access is limited.

Features

- Poles are made of extruded 6063-T6 aluminum tubing that is heat treated to a T6 temper to provide maximum strength
- Anchor base is made of aluminum and is a hinged base that is circumferentially welded to the top and bottom of the shaft and tilting section to ensure maximum support

- Hand hole rim is located 90° to the right of the hinge to allow ease of access to wiring
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

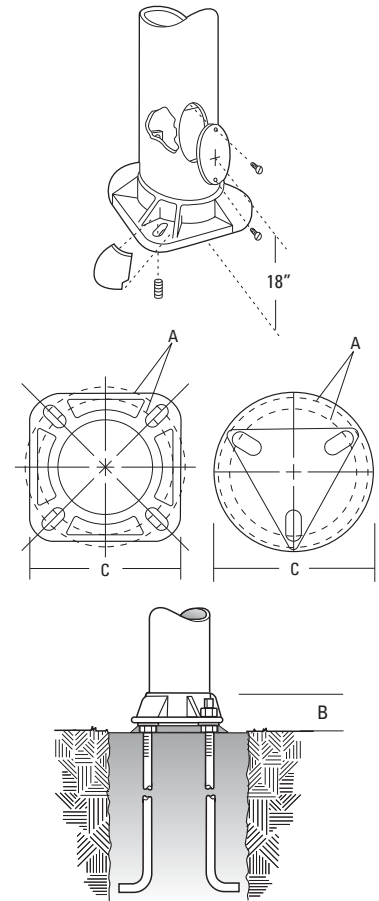
TECHNICAL INFORMATION - EPA (FT³) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

NUMBER OF BOLTS	CATALOG NUMBER	NOM. MOUNT HT. (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN. X FT.)	WALL THICKNESS (IN.)	80 MPH	90 MPH	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX SHIP WT. (LBS.)
4-BOLT BASE	RTA 20 5C	20	5 x 3 x 19.66	0.125	3.9	2.5	1.6	100	7.5 - 9.5	3/4 x 18 x 3	62
	RTA 20 5G	20	5 x 3 x 19.66	0.188	7.4	5.2	3.8	100	7.5 - 9.5	3/4 x 18 x 3	72
	RTA 20 6G	20	6 x 4 x 19.66	0.188	12.2	9.2	7.2	214	9 - 10	3/4 x 30 x 3	107
	RTA 20 7E	20	7 x 4 x 19.66	0.156	15.0	11.4	9.0	256	9.875 - 11.25	1 x 36 x 4	103
	RTA 25 6E	25	6 x 4 x 24.66	0.156	5.3	3.6	2.6	114	9 - 10	3/4 x 30 x 3	106
	RTA 25 7E	25	7 x 4 x 24.66	0.156	9.5	7.0	5.4	162	9.875 - 11.25	1 x 36 x 4	120
	RTA 25 8E	25	8 x 4.5 x 24.66	0.156	14.2	10.9	8.5	220	11 - 12	1 x 36 x 4	130
	RTA 25 8G	25	8 x 4.5 x 24.66	0.188	18.0	13.8	10.9	261	11 - 12	1 x 36 x 4	153
	RTA 30 7E	30	7 x 4 x 29.66	0.156	5.5	3.8	2.7	111	9.875 - 11.25	1 x 36 x 4	135
	RTA 30 8E	30	8 x 4.5 x 29.66	0.156	9.4	7.0	5.3	151	11 - 12	1 x 36 x 4	150
	RTA 30 8G	30	8 x 4.5 x 29.66	0.188	12.4	9.4	7.3	179	11 - 12	1 x 36 x 4	175
	RTA 30 10G	30	10 x 6 x 29.66	0.188	23.8	18.3	14.3	377	14.25 - 16.25	1 x 40 x 4	235
	RTA 35 8E	35	8 x 4.5 x 34.66	0.156	5.8	4.1	2.9	119	11 - 12	1 x 36 x 4	185
	RTA 35 8G	35	8 x 4.5 x 34.66	0.188	8.3	6.0	4.5	141	11 - 12	1 x 36 x 4	220
	RTA 35 8J	35	8 x 4.5 x 34.66	0.250	12.9	9.7	7.5	183	11 - 12	1 x 36 x 4	251
	RTA 35 10G	35	10 x 6 x 34.66	0.188	17.9	13.6	10.4	295	14.25 - 16.25	1 x 40 x 4	268
	RTA 39 8G	39	8 x 4.5 x 38.66	0.188	5.6	3.9	2.7	122	11 - 12	1 x 36 x 4	250
	RTA 39 8J	39	8 x 4.5 x 38.66	0.250	9.7	7.1	5.4	158	11 - 12	1 x 36 x 4	280
	RTA 39 10G	39	10 x 6 x 38.66	0.188	14.2	10.5	7.8	253	14.25 - 16.25	1 x 40 x 4	295
	RTA 39 10J	39	10 x 6 x 38.66	0.250	20.4	15.5	11.9	300	14.5 - 16	1-1/4 x 48 x 5	373
3-BOLT BASE	3RTA 8 4C	8	4 x 3 x 8	0.125	12.1	9.3	7.3	75	6.5 - 7.25	3/4 x 18 x 3	23
	3RTA 10 4C	10	4 x 3 x 10	0.125	8.8	6.7	5.2	75	6.5 - 7.25	3/4 x 18 x 3	27
	3RTA 12 4C	12	4 x 3 x 12	0.125	6.6	4.8	3.6	75	6.5 - 7.25	3/4 x 18 x 3	31
	3RTA 14 4C	14	4 x 3 x 14	0.125	4.9	3.4	2.4	75	6.5 - 7.25	3/4 x 18 x 3	34
	3RTA 16 4C	16	4 x 3 x 16	0.125	3.5	2.3	1.5	75	6.5 - 7.25	3/4 x 18 x 3	38
	3RTA 16 5C	16	5 x 3 x 16	0.125	6.9	5.0	3.8	75	7.5 - 8.5	3/4 x 18 x 3	43
	3RTA 18 5C	18	5 x 3 x 18	0.125	5.0	3.5	2.5	150	7.5 - 8.5	3/4 x 18 x 3	47
	3RTA 18 5E	18	5 x 3 x 18	0.156	7.0	5.0	3.7	150	7.5 - 8.5	3/4 x 18 x 3	57
	3RTA 20 5C	20	5 x 3 x 20	0.125	3.8	2.5	1.6	150	7.5 - 8.5	3/4 x 18 x 3	50
	3RTA 20 5E	20	5 x 3 x 20	0.156	5.5	3.8	2.6	150	7.5 - 8.5	3/4 x 18 x 3	62

POLE DATA

NUMBER OF BOLTS	SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4-BOLT BASE	5"	7.5" - 9.5"	3.25"	9.25"	ABTEMPLATE PJ50032	AB18-0
	6"	9" - 10"	3.50"	10"	ABTEMPLATE PJ50033	AB30-0
	7"	9.875" - 11.25"	4.125"	10.5"	ABTEMPLATE PJ50034	AB36-0
	8"	11" - 12"	4.25"	11.5"	ABTEMPLATE PJ50035	AB36-0
	10"G	14.25" - 16.25"	4.50"	14.5"	ABTEMPLATE PJ50036	AB40-0
	10"J	14.5" - 16"	5.00"	14.5"	ABTEMPLATE PJ50063	AB48-0
3-BOLT BASE	4"	6.5" - 7.25"	3.25"	8.875"	ABTEMPLATE PJ50128	AB18-0
	5"	7.5" - 8.5"	3.25"	10.25"	ABTEMPLATE PJ50129	AB18-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



Notes

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see page 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct-burial option available, consult factory.
- 2" x 4" hand hole used on 4" and some 5" shafts.
- 4" x 8" hand hole available on 8" shafts, consult factory.
- Consult factory if product must meet "US POM" specifications.
- Three-bolt poles have drilling located midway between anchor bolts. Hand hole is located on opposite side of drilling. For special drilling, consult factory.

Intended Use

Square Straight Aluminum Hinged light pole with up to 20 foot mounting heights. Best used where maintenance access is limited.

Features

- Poles are made of extruded 6061-T6 aluminum tubing that is heat treated to a T6 temper to provide maximum strength
- Anchor base is made of aluminum and is a hinged base that is circumferentially welded to the top and bottom of the shaft and tilting section to ensure maximum support

- Hand hole rim is located 90° to the right of the hinge to allow ease of access to wiring
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359 and is customizable with a variety of colors

SSAH

Square Straight Aluminum, Hinged

**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION- EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

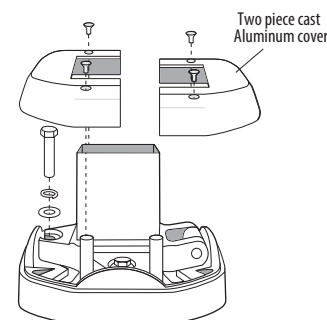
CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	WALL THICK. (IN.)	80 MPH	90 MPH	100 MPH	MAX. WT.	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
SSAH 10 4C	10	4 x 10	0.125	13.1	9.9	7.5	100	8.5 - 10	3/4 x 18 x 3	48
SSAH 12 4C	12	4 x 12	0.125	9.6	7.0	5.1	100	8.5 - 10	3/4 x 18 x 3	53
SSAH 14 4C	14	4 x 14	0.125	7.0	4.9	3.3	100	8.5 - 10	3/4 x 18 x 3	57
SSAH 15 4C	15	4 x 15	0.125	6.0	4.0	2.6	100	8.5 - 10	3/4 x 18 x 3	60
SSAH 16 4C	16	4 x 16	0.125	5.0	3.2	1.9	100	8.5 - 10	3/4 x 18 x 3	62
SSAH 16 4G	16	4 x 16	0.188	8.9	6.2	4.3	150	8.5 - 10	3/4 x 30 x 3	86
SSAH 18 4C	18	4 x 18	0.125	3.4	1.8	0.7	100	8.5 - 10	3/4 x 18 x 3	67
SSAH 18 4G	18	4 x 18	0.188	6.8	4.5	2.9	100	8.5 - 10	3/4 x 30 x 3	93
SSAH 18 5G	18	5 x 18	0.188	12.6	8.8	6.1	150	9.312 - 10	3/4 x 30 x 3	108
SSAH 20 4G	20	4 x 20	0.188	5.0	3.0	1.6	150	8.5 - 10	3/4 x 30 x 3	100
SSAH 20 5G	20	5 x 20	0.188	9.9	6.6	4.2	175	9.312 - 10	3/4 x 30 x 3	117

POLE DATA

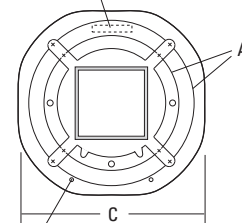
SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4"C	8.5" - 10"	3.5"	11.688"	ABTEMPLATE PJ50055	AB18-0
4"G	8.5" - 10"	3.5"	11.688"	ABTEMPLATE PJ50055	AB30-0
5"	9.312" - 10"	3.5"	11.688"	ABTEMPLATE PJ50056	AB30-0

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

Hinge base poles without handholes will be drilled for the first fixture 90 degrees to the right of the hinge. When a handhole is specified as an adder, the first fixture drilling will be 90 degrees to the right of the handhole. If the customer has different fixture drilling orientation requirements, please specify that on the purchase order.

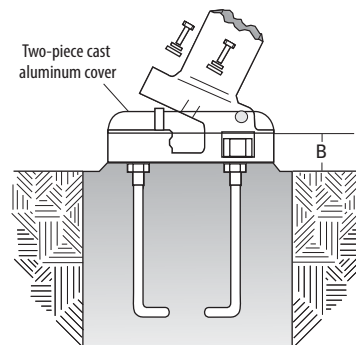


3/4" Solid aluminum pivot rod



Trapped 3/8" - 16 for ground connector

Hinge direction "A" side of pole

**Notes**

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Pole hinges at base.
- Consult factory if product must meet "US POM" specifications.

PRODUCT INFORMATION

RTF

Round Tapered Fiberglass



Intended Use

Round Tapered Fiberglass general purpose light pole for up to 35 foot mounting heights. Provides a naturally corrosion-resistant option for area light fixtures and floodlights.

Features

- Poles are made of reinforced composite shaft that incorporates "E" type fiberglass and pigmented, UV-inhibiting, thermosetting polyester or epoxy resin to provide maximum strength

- Anchor base is made of heavy duty-metal that is permanently bonded to the exterior of the fiberglass shaft to ensure maximum support
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is painted with UV-resistant wet paint to match specified color to allow customizable options

ADDITIONAL INFORMATION

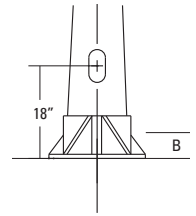
For ordering information see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN. X FT.)	80 MPH	90 MPH	100 MPH	MAX. WT. (LBS.)	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
RTF 10 5-4X	10	5.4 x 4.1 x 10	19.0	14.6	11.4	150	8	5/8 x 21 x 3	23
RTF 12 5-6X	12	5.6 x 4.1 x 12	16.0	12.1	9.3	150	8.5	5/8 x 21 x 3	28
RTF 14 5-9X	14	5.9 x 4.1 x 14	14.0	10.4	7.9	150	8.5	5/8 x 21 x 3	32
RTF 16 6-1X	16	6.1 x 4.1 x 16	10.0	7.4	5.5	100	8.5	5/8 x 21 x 3	36
RTF 20 6-6X	20	6.6 x 4.1 x 20	8.2	5.8	4.1	100	9.5	5/8 x 21 x 3	45
RTF 20 7-3X	20	7.3 x 4.6 x 20	14.4	11.1	8.9	200	11.5	1 x 36 x 4	62
RTF 25 6-7X	25	6.7 x 4.1 x 25	5.4	3.4	2.0	100	9.5	5/8 x 21 x 3	55
RTF 25 7-3X	25	7.3 x 4.6 x 25	9.6	7.3	5.7	200	11.5	1 x 36 x 4	75
RTF 30 8-4X	30	8.4 x 4.7 x 30	11.2	8.5	6.7	100	11.5	1 x 36 x 4	106
RTF 30 8-5X	30	8.5 x 4.9 x 30	15.6	12.0	9.5	200	11.5	1 x 36 x 4	140
RTF 30 10-5X	30	10.5 x 6.6 x 30	28.7	22.4	17.4	300	14.5	1-1/4 x 42 x 6	202
RTF 35 8-4X	35	8.4 x 4.7 x 35	5.5	3.8	2.7	100	11.5	1 x 36 x 4	125
RTF 35 8-5X	35	8.5 x 4.9 x 35	8.5	6.2	4.7	200	11.5	1 x 36 x 4	161
RTF 35 11-2X	35	11.2 x 6.6 x 35	21.8	16.6	12.5	300	15	1-1/4 x 42 x 6	248
RTF 40 11-7X	40	11.7 x 6.2 x 40	6.4	4.3	2.4	300	15.5	1-1/4 x 42 x 6	165
RTF 40 11-8X	40	11.8 x 6.4 x 40	12.2	8.8	6.0	300	15.5	1-1/4 x 42 x 6	227
RTF 40 12X	40	12.0 x 6.9 x 40	25.8	19.3	14.3	300	15.5	1-1/4 x 42 x 6	317
RTF 45 11-7X	45	11.7 x 6.2 x 45	3.9	2.2	0.6	300	15.5	1-1/4 x 42 x 6	183
RTF 45 11-9X	45	11.9 x 6.6 x 45	15.2	10.9	7.6	300	15.5	1-1/4 x 42 x 6	295

For pole data, see page 607.

INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



Notes

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Standard and decorative base shrouds available, consult factory.
- Mast arms available, consult factory.
- Consult factory if product must meet "US POM" specifications.

PRODUCT INFORMATION

Fiberglass

RTFDB

Round Tapered Fiberglass, Direct Burial



Intended Use

Round Tapered Fiberglass general purpose light pole for up to 35 foot mounting heights. Provides a naturally corrosion-resistant option for area light fixtures and floodlights.

Features

- Poles are made of reinforced composite shaft that incorporates "E" type fiberglass and pigmented, UV-inhibiting, thermosetting polyester or epoxy resin to provide maximum strength

- Anchor base is made of heavy duty-metal that is permanently bonded to the exterior of the fiberglass shaft to ensure maximum support
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is painted with UV-resistant wet paint to match specified color to allow customizable options

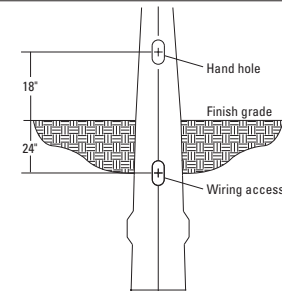
ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (BASE IN. X TOP IN. X FT.)	80 MPH	90 MPH	100 MPH	MAX. WT. (LBS.)	APPROX. SHIP WT. (LBS.)
RTFDB 18 6X	14	6.5 x 4.1 x 18	14.0	10.4	7.9	150	34
RTFDB 20 6-6X	16	6.7 x 4.1 x 20	10.0	7.4	5.5	100	38
RTFDB 24 6-7X	20	6.7 x 4.1 x 24	8.2	5.8	4.1	150	46
RTFDB 30 8-3X	25	8.2 x 4.5 x 30	6.2	4.7	3.6	100	71
RTFDB 30 8-4X	25	8.4 x 4.7 x 30	14.5	11.2	8.9	200	98
RTFDB 35 8-4X	30	8.4 x 4.7 x 35	10.5	8.0	6.2	200	116
RTFDB 35 8-5X	30	8.5 x 4.9 x 35	14.8	11.4	9.0	300	153
RTFDB 41 11-8X	35	11.8 x 6.4 x 41	14.3	10.8	7.8	300	218

INSTALLATION NOTES: Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



Notes

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Decorative base shrouds available, consult factory.
- Mast arms available, consult factory.
- Consult factory if product must meet "US POM" specifications.

Intended Use

Square Straight Fiberglass general purpose light pole for up to 30 foot mounting heights. Provides a naturally corrosion-resistant option for area light fixtures and flood lights.

Features

- Poles are made of reinforced composite shaft that incorporates "E" type fiberglass and pigmented, UV-inhibiting, thermosetting polyester resin to provide maximum strength
- Anchor base is made of heavy-duty metal that is permanently bonded to the exterior of the fiberglass shaft to ensure maximum support
- Hand hole rim is 2-1/2" x 5" to allow ease of access to wiring
- Removable top cap comes with all drill-mount and open top "PT" poles to prevent intrusion of moisture or environmental contaminants
- Finish is painted with UV-resistant wet paint to match specified color to allow customizable options

SSF

Square Straight Fiberglass

**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION- EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM. MOUNT. HT. (FT.)	POLE SHAFT SIZE (IN. X FT.)	80 MPH	90 MPH	100 MPH	MAX. WT. (LBS.)	BOLT CIRCLE (IN.)	BOLT SIZE (IN. X IN. X IN.)	APPROX. SHIP WT. (LBS.)
SSF 6 4X	6	4 x 6	20.0	20.0	20.0	150	8	5/8 x 21 x 3	18
SSF 8 4X	8	4 x 8	20.0	20.0	20.0	150	8	5/8 x 21 x 3	23
SSF 10 4X	10	4 x 10	20.0	20.0	16.1	150	8	5/8 x 21 x 3	27
SSF 12 4X	12	4 x 12	20.0	16.4	12.8	150	8	5/8 x 21 x 3	31
SSF 14 4X	14	4 x 14	14.2	10.7	8.2	150	8	5/8 x 21 x 3	35
SSF 16 4X	16	4 x 16	11.9	8.8	6.5	150	8	5/8 x 21 x 3	39
SSF 20 4X	20	4 x 20	8.3	5.8	4.0	150	8	5/8 x 21 x 3	47
SSF 20 5X	20	5 x 20	14.9	11.1	8.4	300	11	1 x 36 x 4	102
SSF 25 4X	25	4 x 25	5.0	3.0	1.5	150	8	5/8 x 21 x 3	57
SSF 25 5X	25	5 x 25	10.6	7.6	5.4	300	11	1 x 30 x 4	125
SSF 30 5X	30	5 x 30	5.7	3.4	1.7	300	11	1 x 30 x 4	148
SSF 30 5XHD	30	5 x 30	8.6	5.1	2.6	300	11	1 x 30 x 4	164

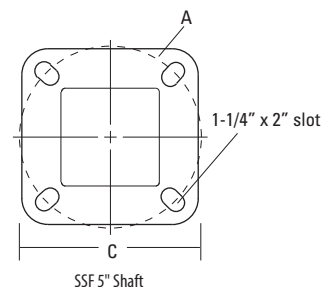
SSF POLE DATA

SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION	ANCHOR BOLT DESCRIPTION
4"	8"	3"	7.41"	ABTEMPLATE PJ50123	AB21-0
5"	11"	4"	11.125"	ABTEMPLATE PJ50124	AB30-0

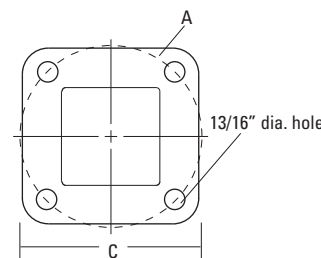
INSTALLATION NOTES: Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

RTF POLE DATA

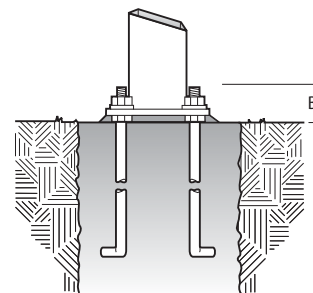
SHAFT BASE SIZE	BOLT CIRCLE A	BOLT PROJECTION B	BASE SQUARE C	TEMPLATE DESCRIPTION
5.4"	8"	3"	7.75"	PJ50108
5.6"	8.5"	3"	8.125"	PJ50109
5.9"	8.5"	3"	8.125"	PJ50110
6.1"	8.5"	3"	8.125"	PJ50111
6.6"	9.5"	3"	8.8"	PJ50112
6.7"	9.5"	3"	8.8"	PJ50113
7.3"	11.5"	4"	11"	PJ50114
8.4"	11.5"	4"	11"	PJ50115
8.5"	11.5"	4"	11"	PJ50116
10.5"	14.5"	4"	13.3"	PJ50117
11.2"	15"	4"	13.5"	PJ50118
11.7"	15.5"	4"	14"	PJ50119
11.8"	15.5"	4"	14"	PJ50120
11.9"	15.5"	4"	14"	PJ50121
12.0"	15.5"	4"	14"	PJ50122



SSF 5" Shaft



SSF 4" Shaft

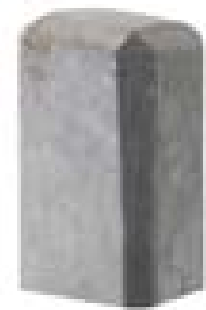
**Notes**

- Mounting arrangement: (PT) open top or (Txx) tenon and/or (DMxx) side drilling.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Bolt lengths are nominal; actual bolt lengths may vary.
- Fully galvanized anchor bolts available, consult factory.
- Direct-burial option available, consult factory.
- Consult factory if product must meet "US POM" specifications.

PRODUCT INFORMATION

STCDB

Square Tapered Concrete
Direct Burial



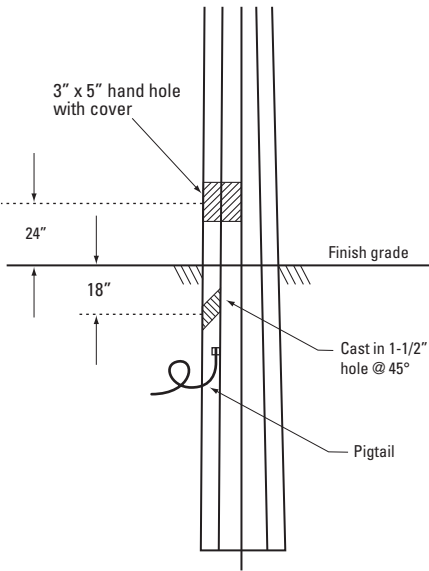
- Intended Use**
Square Tapered Concrete light pole for heavy duty applications with 10 to 40 foot mounting heights. Best used to handle high EPA loading requirements and in high wind regions.
- Features**
- Poles are designed in accordance with the Pre-stressed Concrete Institute's (PCI) and manufactured in accordance with the American Concrete Institute ACI 318
 - Wire within the shaft is made of prestressed, grade 270 that conforms to ASTM-A416 and ensures maximum support

- Grounding is reinforced by an 18" copper pigtail to provide added stability
- Hand hole rim is 3" x 5", 24" above the ground to allow ease of access to wiring and a 2 1/2" x 7" or larger conduit entrance is located 18" below the ground
- Finish is a smooth natural form finish that is soft gray

ADDITIONAL INFORMATION For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)								
CATALOG NUMBER	NOM MOUNTING HEIGHT	POLE SHAFT SIZE			80 MPH	900 MPH	100 MPH	APPROX. SHIP WT. (LBS.)
		BUTT	TIP	LENGTH				
STCDB 20B 16	16	8.04	4.8	20	22	16	13	680
STCDB 20C 16	16	9.24	6	20	48	37	29	1,110
STCDB 25B 20	20	8.85	4.8	25	21	16	12	985
STCDB 25C 20	20	10.05	6	25	44	34	26	1530
STCDB 30B 25	25	9.66	4.8	30	20	15	11	1,350
STCDB 30C 25	25	10.86	6	30	49	33	28	2,000
STCDB 35B 29	29	10.48	4.8	35	17	12	8	1,800
STCDB 35C 29	29	11.67	6	35	43	32	24	2,540
STCDB 40B 34	34	12.48	6	40	42	30	22	2,145
STCDB 45B 38	38	13.29	6	45	41	31	22	3,130

INSTALLATION NOTES: Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.



- Notes**
- Mounting arrangement: (Txx) tenon mount.
 - When using drill mount fixtures, refer to options page for tenon mount slipfitters.
 - Options, see pages 787 and 812.
 - Brackets, see pages 813-817.
 - Stained color finish available, consult factory.
 - Additional EPA may be achieved based on individual application.
 - Actual burial depth depends on soil conditions.
 - Consult factory if product must meet "US POM" specifications.

Intended Use

Round Tapered Concrete light pole for heavy duty applications with 30 to 100+ foot mounting heights. Best used to handle high EPA loading requirements, high mounting heights and in high wind regions.

Features

- Poles are made of concrete mix that has a minimum 28-day compressive strength of 8,500 psi and conforms with ASTM-C150
- Wire within the shaft is made of pre-stressed, uncoated 7-wire that conforms to ASTM-A416 and ensures maximum support
- Grounding is reinforced by a continuous solid or stranded copper ground wire to provide added stability
- Hand hole rim is 4" x 8", 24" above the ground and a 4" x 8" conduit entrance is located 18" above the ground to allow ease of access to wiring
- Finish is a smooth natural form finish that is soft gray

SPRTCDB

Round Tapered Concrete Sportslighting Direct Burial

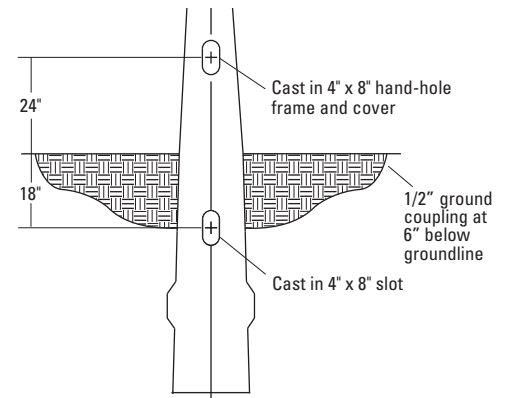
**ADDITIONAL INFORMATION**

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

CATALOG NUMBER	NOM MOUNTING HEIGHT	POLE SHAFT SIZE			80 MPH	MAX WEIGHT	900 MPH	MAX WEIGHT	100 MPH	MAX WEIGHT	APPROX. SHIP WT. (LBS.)
		BUTT	TIP	LENGTH							
SPRTCDB 45B 38	38	18.63	8.91	45	105	1050	95	1050	85	1050	5,390
SPRTCDB 50B 40	43	19.71	8.91	50	105	1050	95	1050	85	1050	6,360
SPRTCDB 60B 50	50	21.87	8.91	60	100	950	90	950	80	950	8,480
SPRTCDB 70B 60	60	24.03	8.91	70	100	900	90	900	80	900	10,920
SPRTCDB 80B 68	68	26.19	8.91	80	95	850	85	850	75	850	13,700
SPRTCDB 90B 77	77	28.35	8.91	90	90	800	80	800	70	800	16,960
SPRTCDB 100B 86	86	30.51	8.91	100	85	750	75	750	65	750	20,500
SPRTCDB 105B 91	91	31.59	8.91	105	80	700	70	700	60	700	22,410
SPRTCDB 115B 100	100	33.75	8.91	115	75	650	65	650	55	650	26,540
SPRTCDB 120B 105	105	34.83	8.91	120	70	600	60	600	50	600	28,760
SPRTCDB 130B 115	115	36.99	8.91	130	60	500	50	500	40	500	33,520

INSTALLATION NOTES: Do not erect poles without having fixtures installed. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.

**Notes**

- Crossarms, see page 810.
- Options, see pages 787 and 812.
- Brackets, see pages 813-817.
- Platform cages with pole steps available, consult factory.
- Stained color finish available, consult factory.
- Consult factory if product must meet "US POM" specifications.

ANGLE IRON CROSSARMS

Concrete or Wood Sportslighting Poles

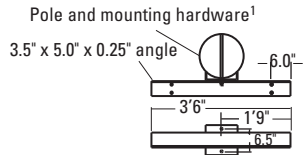
Intended Use

For use on round, tapered concrete or wood sportslighting poles. Projected area is for the crossarm only.

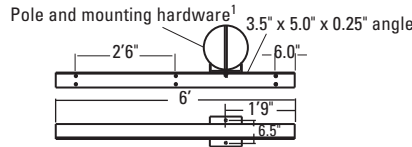
The crossarm projected area is added to the luminaire projected area to get a total effective projected area (EPA).

ORDERING INFORMATION

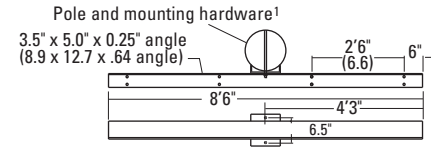
Specifications subject to change.



ACRCW2, 2-Fixture Angle Arm

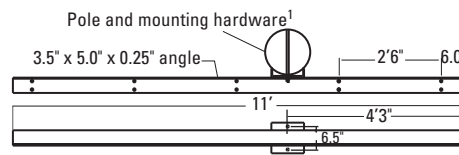


ACRCW3, 3-Fixture Angle Arm

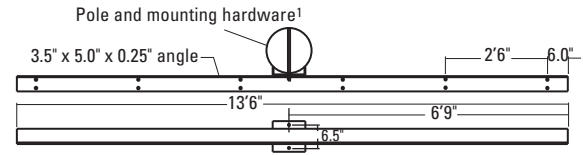


ACRCW4, 4-Fixture Angle Arm

CATALOG NUMBER	ARM EPA (SQ. FT.)	WEIGHT (LBS.)
ACRCW2	1.80	50.0
ACRCW3	3.00	86.0
ACRCW4	4.50	121.0
ACRCW5	5.70	157.0
ACRCW6	7.00	193.0



ACRCW5, 5-Fixture Angle Arm



ACRCW6, 6-Fixture Angle Arm

Notes

1 Angle iron crossarms can be used with other poles if ordered with the pole.

PRODUCT INFORMATION

Options & Accessories

PRE-WIRED TUBULAR CROSSARMS

Concrete or Wood Sportslighting Poles

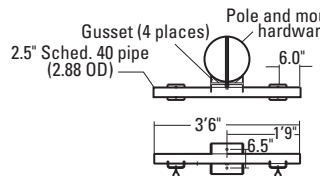
Intended Use

For use on round, tapered concrete or wood sportslighting poles. Projected area is for the crossarm only.

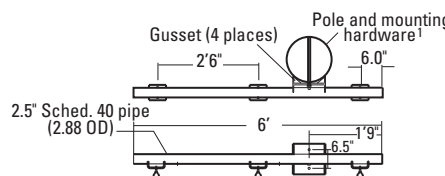
The crossarm projected area is added to the luminaire projected area to get a total effective projected area (EPA). **Use in conjunction with CV3P luminaire options.**

ORDERING INFORMATION

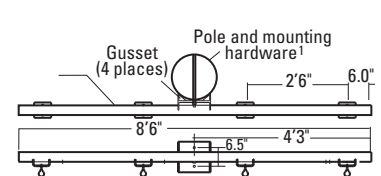
Specifications subject to change.



SPXCW2, 2-Fixture Angle Arm

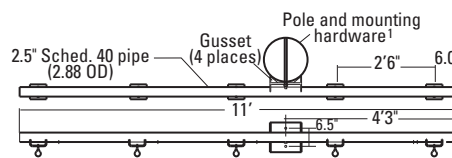


SPXCW3, 3-Fixture Angle Arm

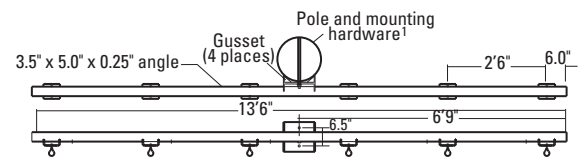


SPXCW4, 4-Fixture Angle Arm

CATALOG NUMBER	ARM EPA (SQ. FT.)	WEIGHT (LBS.)
SPXCW2	1.00	23.5
SPXCW3	1.80	40.0
SPXCW4	2.50	56.5
SPXCW5	3.20	73.0
SPXCW6	3.90	89.5



SPXCW5, 5-Fixture Angle Arm



SPXCW6, 6-Fixture Angle Arm

Notes

1 Pre-wired tubular crossarms can be used with other poles if ordered with the pole.

Intended Use

Square straight laminated wood pole for up to 35 foot mounting heights. Especially suited for residential, recreational and resort developments, parks, playgrounds and paths to provide functional lighting by night and attractive environmentally friendly landscaping by day.

Features

- Poles are made of L1 laminate grade West Coast Douglas Fir for strength and appearance
- Wood light poles can be specified to be built from FSC Certified wood that is "100% Pure" meaning all wood used is sourced from certified, well managed forests

- Lamination utilizes adhesives meeting or exceeding the most recent revisions of U.S. Commercial Standard ANSI/AITC A190 1-1983
- Metal top cap is included to prevent intrusion of moisture or environmental contaminants
- Standard finish is natural, but other stained options are also available when needed to match to existing architectural features

SSWDB

Square Straight Wood, Direct Burial



ADDITIONAL INFORMATION

For ordering information, see page 786. For additional product information, visit www.lithonia.com.

TECHNICAL INFORMATION - EPA (FT²) WITH 1.3 GUST (PLEASE SEE WIND MAP ON PAGE 788)

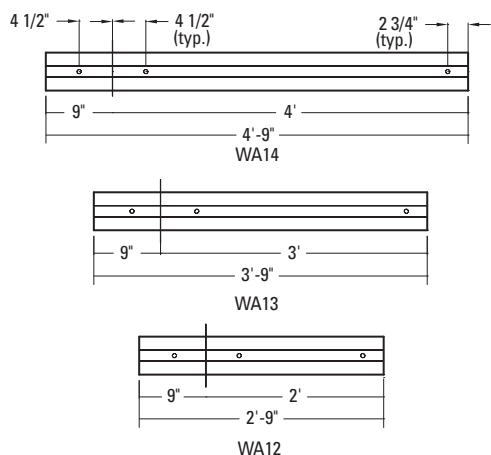
CATALOG NUMBER	NOM. MOUNT HT. (FT.)	POLE SHAFT SIZE (IN. X IN. X FT.)	80 MPH	MAX. WT.	90 MPH	MAX. WT.	100 MPH	MAX. WT.	APPROX. SHIP WT. (LBS.)
SSWDB 10 4X	10	4.5 x 5.125 x 13.5	16.42	150	11.62	150	9.22	150	80
SSWDB 12 4X	12	4.5 x 5.125 x 15.5	12.62	150	6.72	150	6.62	150	85
SSWDB 15 4X	15	4.5 x 5.125 x 19	8.52	150	5.32	150	3.72	150	110
SSWDB 15 5X	15	5.125 x 6 x 19.5	19.42	150	13.9	150	10.22	150	130
SSWDB 20 4X	20	4.5 x 5.125 x 24.5	3.92	150	-	-	-	-	140
SSWDB 20 5X	20	5.125 x 6 x 25	11.62	150	7.02	150	4.72	150	200
SSWDB 20 6X	20	6 x 6.75 x 30	21.42	150	14.22	150	10.62	150	260
SSWDB 25 5X	25	5.125 x 6 x 30	6.32	150	2.62	150	-	-	250
SSWDB 25 6X	25	6 x 6.75 x 30	13.82	150	8.02	150	5.12	150	300
SSWDB 30 6X	30	6 x 6.75 x 36	8.02	150	3.22	150	-	-	400
SSWDB 35 7X	35	6.75 x 7.5 x 41.5	8.02	150	2.32	150	-	-	730

WOODEN CROSSARM

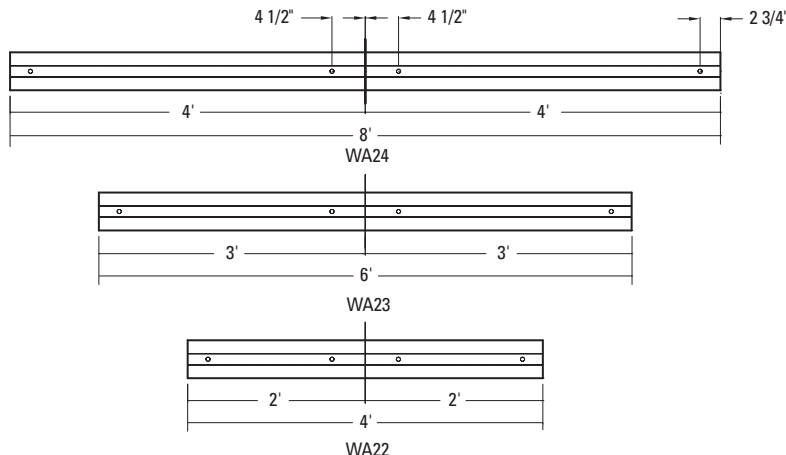
CATALOG NUMBER	DESCRIPTION	EPA (FT²)	WEIGHT (LBS.)
WA12	2' single-fixture arm	0.86	33
WA13	3' single-fixture arm	1.29	37
WA14	4' single-fixture arm	1.72	42
WA22	2' two-fixture arm	1.51	42
WA23	3' two-fixture arm	2.37	50
WA24	4' two-fixture arm	3.23	59

INSTALLATION NOTES: Do not erect poles without having fixtures installed. Metal cap must be installed unless fixture is top mounted. Poles are directly embedded in firm soil. Under heavy load, or in poor soil conditions, concrete embedment may be required. For parking lot installations, poles can be fitted with bumper protection devices or a concrete collar. Embedment depth determined by local codes and soil conditions; designed by others.

One-Way Crossarms



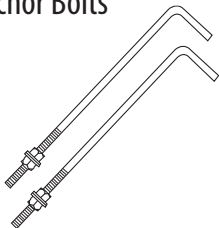
Two-Way Crossarms



Notes

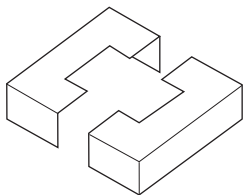
- Mounting arrangement: (Txx) tenon, (DMxx) side drilled or crossarm.
- Standard and custom stained finishes available, consult factory.
- Standard and custom colors for hardware available, consult factory.
- Natural untreated cedar poles available, consult factory.
- Hexagonal, curved top and reveal poles available, consult factory.
- Anchor base option available, consult factory.
- Consult factory if product must meet "US POM" specifications.

Anchor Bolts



Available in various sizes for use with Lithonia Lighting poles. Set includes hex nuts and washers. Anchor bolt is partially galvanized for exposed threads per ASTM-A153. Bolts have minimum-yield strength rating of 55,000 psi, AASHTO M314 GR55. See individual pole catalog pages for anchor bolt sizes and description.

Base Covers



Two-piece, full-base cover. Four fasteners provided to secure pieces together. Finished to match pole. Shipped separately. Standard with steel poles only.

CATALOG NUMBER	POLE	SQUARE X DEPTH
SBC4	SSS 4"	8.75" x 5.0"
SBC5	SSS 5"	11.50" x 6.0"
SBC6	SSS 6"	12.75" x 5.6"

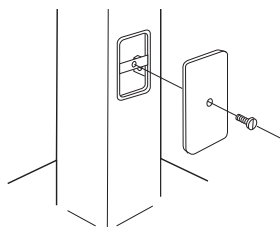
For full-base cover on other poles, must order FBC. When ordering separately, specify full pole nomenclature; i.e., FBC for RTA 25 7E. Also specify if pole is existing.

Festoon Outlets

Provision provided for mounting duplex outlet. When ordering, specify location in height and feet above base of pole and orientation from the hand hole.

CATALOG NUMBER	DESCRIPTION
FDL	Festoon duplex outlet, less electric

Hand-Hole Cover Plates



SSS HHC: Order as hand-hole cover for full pole description. Also specify if pole is existing.

For image of available hand hole cover, go to www.lithonia.com.

Horizontal Arm Bracket



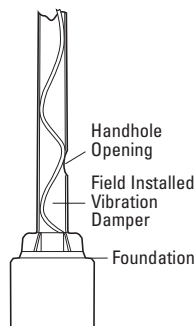
Single or twin side-mounted horizontal arm brackets for additional luminaires. Made from 2-3/8" pipe. Upright is 18" from pole; special arm lengths may be available upon request. Arms are rated for luminaires up to 4.5 sq. ft. EPA and 100 lbs. per arm. When ordering, specify location in height and feet above base of pole and orientation from the hand hole.

CATALOG NUMBER	MATERIAL	EPA (FT²)	WEIGHT (LBS)
H1-18A	Aluminum	.43	7
H1-18S	Steel	.50	11
H1-18F	Fiberglass	.45	8
H1-18C	Concrete	.55	9

Notes

SSS and SSA arm attachment is slightly different from RTA. Arm modifications located on pole to accept arms. Arms shipped as separate item.

VD-Vibration Damper

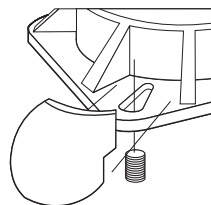


It has been found that low steady winds sometimes induce second mode vibration in lighting poles. Second mode vibration is characterized by the maximum periodic motion occurring at approximately the mid-height of the pole. This type of vibration can result in failure of the pole and/or luminaire. There is no method of predicting destructive light pole vibration.

Notes

- 1 FVD – Field installable vibration damper available upon request. Consult factory.
- 2 For more information on the effects of vibrations, visit www.lithonia.com.

Nut Covers



Four nut covers are standard for RSA, RTAU, RTS, RTSU and RTA poles only.

Tamperproof Screws

Order as TP. Tamperproof screws provided with hand-hole covers.

TENON SLIPFITTERS

Couplings & Nipples

Threaded couplings and/or nipples must be factory installed. When ordering, specify location in height and feet above base of pole and orientation from the hand hole.

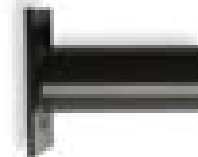
CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
CPL12	1/2" threaded coupling	NPL12	1/2" threaded nipple
CPL34	3/4" threaded coupling	NPL34	3/4" threaded nipple
CPL1	1" threaded coupling	NPL1	1" threaded nipple

Part Number:

SMACST T20 DDR 1-2/3

Product Description:

Pole Mount Side Tenon for floodlight or area light with 2 3/8 OD X 6" horizontal tenon.



SMACST (Side Tenon)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMACST T14-6	1/2	1-2/3	2.4
SMACST T14-8	2/3	1-2/3	2.4
SMACST T20-6	1/2	2-3/8	2.4
SMACST T14-8	2/3	2-3/8	2.4

Tenon Dimensions

Product Description:

Tenon slipfitter is used to side mount area fixture to pole top tenons.



TENON MOUNTING SLIPFITTERS ORDER SEPARATELY							
		NUMBER OF FIXTURES					
		ONE	TWO @180°	TWO @90°	THREE @120°	THREE @90°	FOUR @90°
TENON OD	2-3/8"	T20-190	T20-280	T20-290	T20-320	T20-390	T20-490
	2-7/8"	T25-190	T25-280	T25-290	T25-320	T25-390	T25-490
	4"	T35-190	T35-280	T35-290	T35-320	T35-390	T35-490
*AERIS™	2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
	2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
	4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

* AST... Tenon slipfitters are drilled for AERIS, OMERO, DSX, CSX fixtures.

Part Number:

SMACSTR T25-T20 DDB

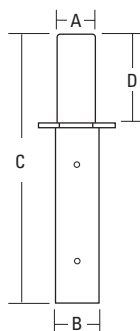
Product Description:

Pole Top Tenon Reducer that converts a pole top or tenon that is 2 7/8"-4 1/2" to a 2 3/8" or 2 7/8" tenon. More options are available.



SMACSTR (Tenon Reducer)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMACSTR T25-T20	3-3/8	2-3/8	9
SMACSTR T30-T20	3-13/16	2-3/8	10
SMACSTR T30-T25	3-13/16	2-7/8	10
SMACSTR T35-T20	4-1/4	2-3/8	10
SMACSTR T35-T25	4-1/4	2-7/8	10
SMACSTR T40-T20	4-13/16	2-3/8	11
SMACSTR T40-T25	4-13/16	2-7/8	11

Bolt-On Tenon



CATALOG NUMBER	A	B	C	S	WEIGHT (LBS)
SBT-4S	2-3/8"	3"	13-3/4"	5"	7
SBT-5S	2-3/8"	4"	13-3/4"	5"	8
SBT-6S	2-3/8"	5"	13-3/4"	5"	17

Part Number: KMA DDB/KMA8 DDB

Product Description:

KMA DDB - Mast Arm Adapter for all standard K-series fixtures that allows area fixture to mount on a 2 3/8" OD mast arm.
KMA8 DDB - Mast Arm Adapter for AS, MR CSX or DSX fixtures that allows are fixture to mount on a 2 3/8" OD mast arm.



PRODUCT INFORMATION

ALUMINUM BRACKETS

Round Poles Only

Projected area is for bracket only. Bracket projected area is added to luminaire projected area to get total effective projected area (EPA). All brackets have a maximum luminaire rating per tenon as specified in the data table.

Finish: Natural aluminum.

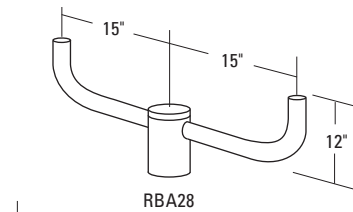
Optional painted finishes available. Plastic cap supplied.

Brackets mount to T25 tenon 2-7/8" OD, or pole top that is 2-7/8" OD.

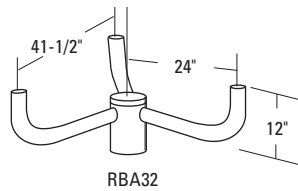
ORDERING INFORMATION

Specifications subject to change.

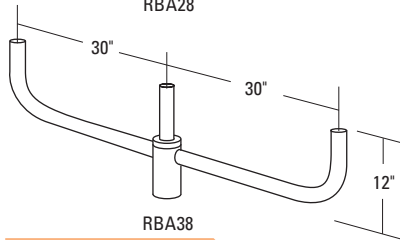
CATALOG NUMBER	BRACKET EPA (FT ²)	BRACKET WEIGHT (LBS)	MAX FIXTURE WEIGHT/ARM (LBS)	MAX FIXTURE EPA/ARM @ 80 MPH	MAX FIXTURE EPA/ARM @ 90 MPH	MAX FIXTURE EPA/ARM @ 100 MPH
RBA28	1.3	8.4	100	6.0	6.0	5.3
RBA32	1.7	14.3	100	6.0	6.0	4.8
RBA38	2.0	11.9	100	6.0	5.2	4.1
RBA48	2.8	16.2	75	3.5	2.6	2.0
RBA49	2.2	17.5	100	6.0	6.0	4.8



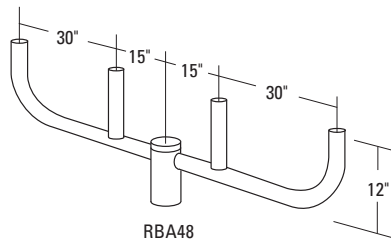
RBA28



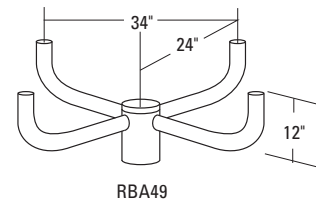
RBA32



RBA38



RBA48



RBA49

PRODUCT INFORMATION

Options & Accessories

ALUMINUM BRACKETS

Square Poles Only

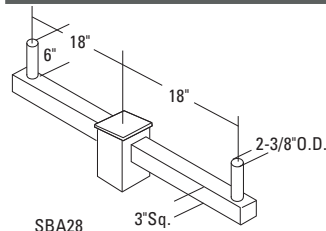
Projected area is for bracket only. Bracket projected area is added to luminaire projected area to get total effective projected area (EPA). All brackets have a maximum luminaire rating per tenon as specified in the data table.

Finish: Natural aluminum. Optional painted finishes available. Plastic cap supplied. Brackets flush mount on 4", 5" and 6" square poles. For use with internal sleeve, plain open-top poles, Lithonia Lighting poles only. **Must be ordered with pole to ensure proper fit.**

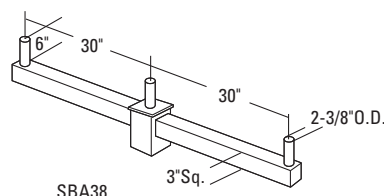
ORDERING INFORMATION

Specifications subject to change.

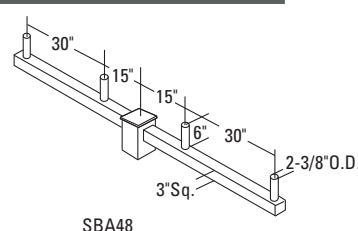
CATALOG NUMBER	BRACKET EPA (FT ²)	BRACKET WEIGHT (LBS)	MAX FIXTURE WEIGHT/ARM (LBS)	MAX FIXTURE EPA/ARM @ 80 MPH	MAX FIXTURE EPA/ARM @ 90 MPH	MAX FIXTURE EPA/ARM @ 100 MPH
SBA28-4	0.9	12.0	100	6.0	6.0	6.0
SBA28-5	0.9	12.0	100	6.0	6.0	6.0
SBA28-6	0.9	12.0	100	6.0	6.0	6.0
SBA38-4	1.5	17.0	100	6.0	6.0	6.0
SBA38-5	1.5	17.0	100	6.0	6.0	6.0
SBA38-6	1.5	17.0	100	6.0	6.0	6.0
SBA48-4	2.3	22.0	75	4.0	4.0	4.0
SBA48-5	2.3	22.0	75	4.0	4.0	4.0
SBA48-6	2.3	22.0	75	4.0	4.0	4.0
SBA49-4	1.7	22.0	100	6.0	6.0	6.0
SBA49-5	1.7	22.0	100	6.0	6.0	6.0
SBA49-6	1.7	22.0	100	6.0	6.0	6.0



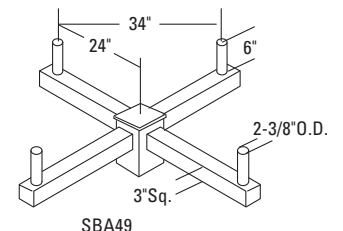
SBA28



SBA38



SBA48



SBA49

Projected area is for bracket only. Bracket projected area is added to luminaire projected area to get total effective projected area (EPA). All brackets have a maximum luminaire rating per tenon as specified in the data table.

Finish: Dark bronze, standard. Other colors available (consult factory).
Plastic cap supplied.

Requires T20 Tenon OD 2-3/8".

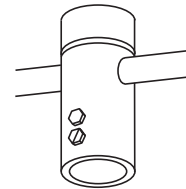
STEEL BRACKETS

Round Poles only

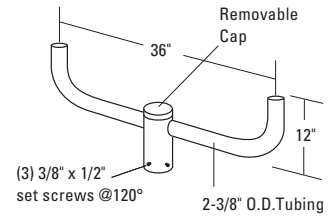
ORDERING INFORMATION

Specifications subject to change.

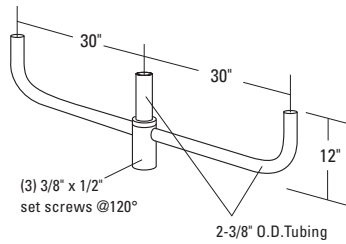
CATALOG NUMBER	BRACKET EPA (FT²)	BRACKET WEIGHT (LBS)	MAX FIXTURE WEIGHT/ARM (LBS)	MAX FIXTURE EPA/ARM @ 80 MPH	MAX FIXTURE EPA/ARM @ 90 MPH	MAX FIXTURE EPA/ARM @ 100 MPH
BS28	1.0	21.0	150	11.0	8.5	7.3
BS32	1.3	34.0	150	7.2	5.5	4.7
BS38	1.6	32.0	150	7.1	5.5	4.7
BS48	2.3	44.0	125	5.4	4.1	3.4
BS49	1.6	44.0	150	5.3	4.1	3.5



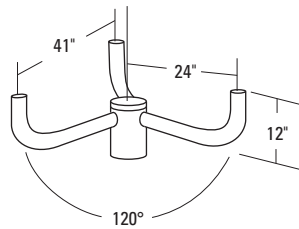
Standard Hub



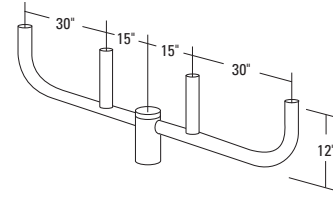
BS28



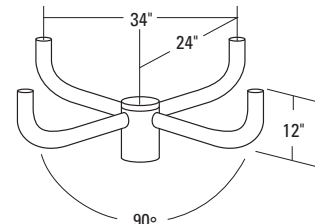
BS38



BS32



BS48



BS49

PRODUCT INFORMATION

Projected area is for bracket only. Bracket projected area is added to luminaire projected area to get total effective projected area (EPA). All brackets have a maximum luminaire rating per tenon as specified in the data table.

Finish: Dark bronze, standard.

Requires T20 (2-3/8" max OD) tenon on pole for mounting.

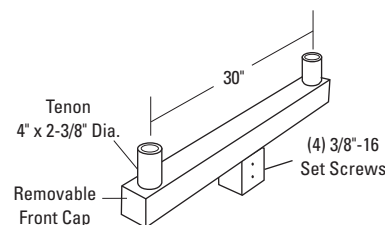
STEEL BRACKETS

Square Poles only

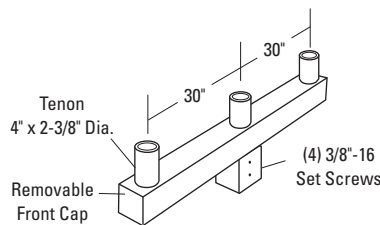
ORDERING INFORMATION

Specifications subject to change.

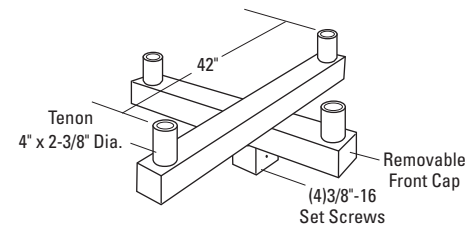
CATALOG NUMBER	BRACKET EPA (FT²)	BRACKET WEIGHT (LBS)	MAX FIXTURE WEIGHT/ARM (LBS)	MAX FIXTURE EPA/ARM @ 80 MPH	MAX FIXTURE EPA/ARM @ 90 MPH	MAX FIXTURE EPA/ARM @ 100 MPH
SBS28	1.1	30.0	250	13.0	10.2	8.2
SBS38	1.7	42.0	150	8.5	6.6	5.5
SBS49	2.1	45.0	150	6.3	5.0	4.0



SBS28



SBS38



SBS49

PRODUCT INFORMATION

BRACKETS

Part Number: AMAW/SAW

Product Description:

Aluminum or steel mast arm for mounting on wood poles that is aluminum or steel and available in 2 ft, 2 ½ ft, 4 ft, and 6 ft.



AMAW/SAW (Cantilever Arm)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
AMAW T14 US2-5	2-1/2	15	2.4
AMAW T20 US2-5	2-1/2	15	2.4
SMAW T14 US2-5	2-1/2	15	2.4
SMAW T20 US2-5	2-1/2	15	2.4

Part Number: RCTMS

Product Description:

Parallel mount area fixture available in steel or aluminum that allows two or three area fixtures to be mounted on the same side of the pole.



RCTMA/RCTMS (Parallel Mount Tenon Bracket)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
RCTMA D2	3	15	2.5
RCTMA D3	6	30	2.5
RCTMS D2	3	15	3.3
RCTMS D3	6	30	3.3

Part Number: AMACE

Product Description:

Aluminum elliptical mast arm for mounting on wood poles.



AMAW/SAW (Cantilever Arm)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
AMACE T20 US2	2	12	2.4
AMACE T20 US2-5	2-1/2	12	2.4
AMACE T20 US4	4	20	2.4
AMACE T20 US6	6	31	2.4
AMACE T20 US8	8	45	2.4
AMACE T20 US10	10	51	2.4

Part Number: SMACU

Product Description:

Continuous upsweep mast arm.



SMACU (Upsweep Arm)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMACU T14 US4	4	23	2.4
SMACU T14 US6	6	32	2.4
SMACU T30-T25	8	30	3.4

Part Number: SMAWSB

Product Description:

Side bullhorn that mounts on a wood pole



SMAWSB (Side Bullhorn)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMAWSB BS17	1/2	20	2.4
SMAWSB BS118	1-1/2	23	2.4
SMAWSB BS28	1	26	2.4
SMAWSB BS38	2	24	2.4

BRACKETS

Part Number: SMACBT**Product Description:**

To be mounted to square or round steel, aluminum, fiberglass or concreted poles providing a vertical T20 tenon mounting option. The arm extends approx. 14" from the side of the pole and can come as a single or double arm (one on each side of the pole).



SMACST (Side Tenon)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMACBT 14/8S RNDx	1	8	2.4
SMACBT 14/8T RNDx	1	8	2.4
SMACBT 14/8S SQRx	1	8	2.4
SMACBT 14/8T SQRx	1	8	2.4

Part Number: SMACH**Product Description:**

Pole tenon mount upsweep arm. More options available.



SMACH (Hub Upsweep Arm)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMACH T20 US4	4	24	2
SMACH T25 US4	4	24	2
SMACH T35 US4	4	24	2
SMACH T25 US6	6	24	2
SMACH T35 US6	4	24	2
SMACH T20 US4	4	24	2

Part Number: SMACWT**Product Description:**

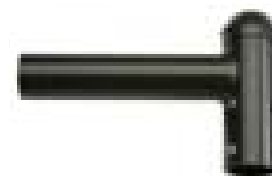
To be mounted to round steel, aluminum, fiberglass or concrete poles with a diameter between 7" to 13". They will provide 1, 2, 3, or 4 arms each with a 16" reach and 8" upward T20 tenon.



SMACWT (Spoke Arm), abridged			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMACWT 10 7-10 T20	1-1/4	8	2.4
SMACWT 10 10-13 T20	1-1/4	8	2.4
SMACWT 28 7-10 T20	1-1/4	8	2.4
SMACWT 28 10-13 T20	1-1/4	8	2.4
SMACWT 32 7-10 T20	1-1/4	8	2.4
SMACWT 32 10-13 T20	1-1/4	8	2.4
SMACWT 49 7-10 T20	1-1/4	8	2.4
SMACWT 49 10-13 T20	1-1/4	8	2.4

Part Number: SMACS**Product Description:**

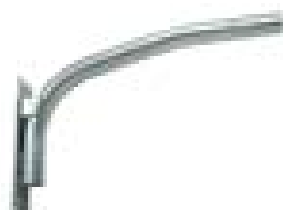
Pole Top Tenon Mount Horizontal Mast Arm. More options available.



SMACS (Spoke Arm), abridged			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
SMACS 10 T20-8	2/3	2-1/2	2.4
SMACS 10 T20-12	1	2-1/2	2.4
SMACS 10 T20-15	1-1/4	2-1/2	2.4
SMACS 10 T20-824	2	2-1/2	2.4
SMACS 10 T20-30	2-1/2	2-1/2	2.4
SMACS 10 T20-36	3	2-1/2	2.4
SMACS 10 T20-8	2/3	2-1/2	2.4
SMACS 10 T20-12	1	2-1/2	2.4

Part Number: AMAC/SMAC**Product Description:**

Mast arm for mounting on metal poles and available in 1 1/2 ft, 2 1/2 ft, 4 ft, 6 ft, and 8 ft.



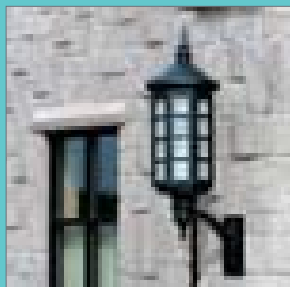
AMAC/SMAC (Cantilever Arm)			
Lithonia Lighting Catalog Number	Nominal arm length (ft.)	Tenon OD	Max. fixture EPA ft @ 80 mph w/1.3 gusts
AMCT14 US4	4	18	2.4
AMCT20 US2-5	2-1/2	15	2.4
SMACT14 US2-5	2-1/2	15	2.4
SMACT20 US2-5	2-1/2	15	2.4



ANTIQUE STREET LAMPS™

Antique Street Lamps offers a wide variety of attractive historical and transitional outdoor lighting systems with superior optics for nighttime clarity. Products include luminaires, arms, posts, wall brackets, bollards and signage.

Typical applications are downtown and urban environments, street lighting, historic districts/renovations, park areas, universities, high-end developments, hotels and resorts.



ANTIQUE STREET LAMPS™

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The following catalog pages are only a sampling of ASL products, providing you a great cross-section of what we offer. Visit www.antiquestreetlamps.com to view our full line of products.

MODULAR POST-TOP LUMINAIRES

Historical



Intended Use

City streetscapes, public areas & parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of luminaires available, please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Wide range of post top form factors including acorns and lantern style
- Modular luminaire bases for more flexible design choices in proportion to the pole
- Available in a variety of sources, including metal halide, high pressure sodium, compact fluorescent and LED

- Assortment of globes and trim for unique configuration options
- Wide range of distribution types available, including cutoff
- Options for refractive and non-refractive globes available in a variety of materials
- Maintenance friendly, tool-less entry options available
- Selection of "controls-ready" luminaire bases

Listings

UL and/or CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

Example: AT23 A 70M MED ACT GR3 TB1 PEB1 ANBK

Series	Base	Lamp type	Lens	Distribution	Voltage	Options	Finish
AT23	A	Metal halide	All luminaires except those named below	All luminaires except those named below	TB1 120V ⁵	PEB1 Photoelectric cell button 120V ⁷	ANBK Black
A25	AU	70M MED			TB2 208V ^{5,6}		ANDB Dark bronze
P36	D	100M MED	ACT Acrylic clear textured	GR3 Optional type 3 glass refractor	TB3 240V ⁵	PEB2 Photoelectric cell button 208-277V ⁷	ANDG Dark green
TL26	E	150M MED	P36 only		TB4 277V ⁵	PER Twist-lock photocontrol receptacle ⁷	ANVG Verde green
LT30	K	250M MED ¹	PCT Polycarbonate clear textured	GR5 Optional type 5 glass refractor	347 347V		ANPP Prime painted
RGT	W	High pressure sodium	DS10 only	RG series only	MVOLT 120-277V ⁷		CM Custom match
RGA		70S MED	ACS Acrylic clear smooth	R3 Type 3 refractive lens		PE1 NEMA [®] twist-lock PE 120-240V ⁷	CS Custom select (RAL colors)
RGR		100S MED	DS4, DS7, DS8, RGT, RGTL, RGA, RGAL, RGR, RGRL, RGC2, RGC2L, DS4, DS7 & DS8 only	R5 Type 5 refractive lens		PE4 NEMA twist-lock PE 480V ⁷	DBL Black
RGC2		100S MOG ²	ARF Acrylic refractive	DS4, DS7 & DS8 only		PE7 NEMA twist-lock PE 277V ⁷	DDB Dark bronze
DS4		150S MED		SR2 Type 2 reflector			DNA Natural aluminum
DS7		150S MOG ²		SR3 Type 3 reflector			DWH White
DS8		250S MOG ¹		SR4SC Type 4 reflector			
DS10		Compact fluorescent ⁸		SR55 Type 5 reflector			
		42TRT ³		AL25 & ATL23 only			
AL25		LED ⁹		N5 Type 5			
ATL23		32LED 525MA		N3 Type 3 ⁴			
RGTL		32LED 700MA					
RGAL		24LED 700MA ⁴					
RGRL							
RGC2L							

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

Post-Top Luminaires

Acorn Globes



AT23 E
AT23L E



A25 W
AL25 W

Acorn Globes with Frames



P36 E



TL26 A

Octagonal



LT30 D



DS10 K

Luminaire Base Styles



Most luminaires use base selections. Replace bases shown in illustrations with any on this page. Base AU is available with optional twist-lock photocontrol.

Refractive Globes



RGT A
RGTL A



RGA E FPF
RGAL E FPF FPF



RGR AU FPF
RGRL AU FPF FPF



RGC2 D FPF
RGC2L D FPF



DS4 K
Cutoff Optics (DS)



DS7 K
Cutoff Optics (DS)



DS8 K
Cutoff Optics (DS)

Notes

- 1 250W only available with AT23, A25, P36, TL26, LT30, and all RGs acorns when used with A, W and AU luminaire bases.
- 2 Not available in DS4, DS7, DS8 or DS10.
- 3 N3 not available with 24LED 700MA.
- 4 HID only.
- 5 Consult factory for availability in Canada.
- 6 MVOLT only available for 42TRT and LED.
- 7 Optional twist-type receptacle and controls only available with AU luminaire base.
- 8 42TRT not available in DS4, DS7, DS8 and DS10.
- 9 AL25, ATL23, RGTL, RGAL, RGRL, AND RGC2L only.

Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of luminaires available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Wide range of lantern-style form factors
- Available in a variety of sources, including metal halide and high pressure sodium

- Selection of "controls-ready" luminaire bases
- Wide range of distribution types available, including cutoff
- Button-type photo controls

Listings

UL and/or CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

POST-TOP LUMINAIRES

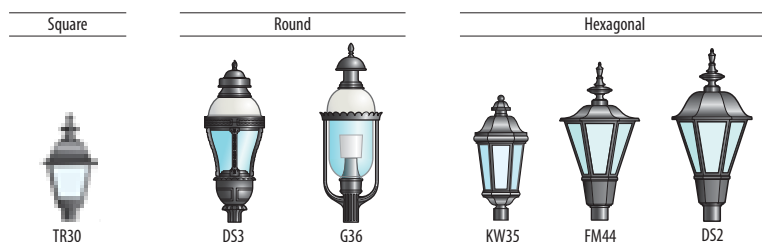
Historical

**Example:** TR30 70M MED ACT GR3 TB1 PEB1 ANBK

ORDERING INFORMATION		Specifications subject to change.					
Series	Lamp type	Lens	Distribution	Voltage		Options	Finish
TR30	<u>Metal halide</u>	<u>TR30 & FM44 only</u>	<u>TR30, G46, KW35 & FM44 only</u>	TB1	120V	PEB1 Photoelectric cell button 120V	ANBK Black
DS3	70M MED	ACT Acrylic clear textured	GR3 Optional type 3 glass refractor	TB2	208V ²	PEB2 Photoelectric cell button 208-277V	ANDB Dark bronze
G46	100M MED	<u>DS2, DS3, KW35 & G46 only</u>	GR5 Optional type 5 glass refractor	TB3	240V		ANDG Dark green
KW35	150M MED	ACS Acrylic clear smooth		TB4	277V		ANVG Verde green
FM44	<u>High pressure sodium</u>		<u>DS2 & DS3 only</u>				ANPP Prime painted
DS2	70S MED		SR2 Type 2 reflector				CM Custom match
	100S MED		SR3 Type 3 reflector				CS Custom select (RAL colors)
	100S MOG ¹		SR4SC Type 4 reflector				DBL Black
	150S MED		SR5S Type 5 reflector				DDB Dark bronze
	150S MOG ¹						DNA Natural aluminum
							DWH White

ADDITIONAL INFORMATION

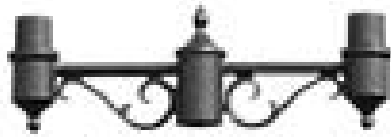
For additional product information, visit www.antiquestreetlamps.com.

**Notes**

- 1 Not available in DS2 or DS3.
- 2 Consult factory for availability in Canada.

ARMS & WALL BRACKETS POST-TOP

Historical



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of arms and wall brackets available; please refer to our web site at www.antiquetstreetlamps.com for more selections and specifications.

Features

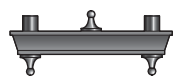
- Wide range of decorative styles and form factors in harmony with your ASL luminaire choice

- Available in two-way, three-way and four-way configurations
- Pole-mounted and wall-mounted versions
- Post-top arms have 3" OD x 3" tall tenons

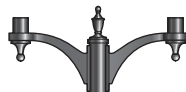
ORDERING INFORMATION		Specifications subject to change.						Example: ACAWB ANBK	
Wall bracket	1 at 90°	2 at 180°	2 at 180°w/top	3 at 120°	3 at 120°w/top	4 at 90°	4 at 90°w/top	Finish	
ACAWB	ACA1	ACA30	ACA30/2T	ACA30/3	ACA30/3T	ACA30/4	ACA30/4T	ANBK	Black
ASCWB		ASC30	ASC30/2T	ASC30/3	ASC30/3T	ASC30/4	ASC30/4T	ANDB	Dark bronze
CCAWB		CCA30	CCA30/2T	PCP36/3	PCP36/3T	CCA30/4	CCA30/4T	ANDG	Dark green
LBWB		LB33	LB33/2T			LB33/4	LB33/4T	ANVG	Verde green
PCPWB		PCP36	PCP36/2T			PCP36/4	PCP36/4T	ANPP	Prime painted
RTWB		RT39	RT39/2T			RT39/4	RT39/4T	CM	Custom match
WTAWB		WTA28	WTA28/2T			WTA28/4	WTA28/4T	CS	Custom select (RAL colors)
ONLY ONE SELECTION ALLOWED FROM THESE COLUMNS								DBL	Black
								DDB	Dark bronze
								DNA	Natural aluminum
								DWH	White

ADDITIONAL INFORMATION	For additional product information, visit www.antiquetstreetlamps.com .
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Post-top Arms for Post-top Luminaires



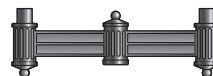
CCA24 Series
3" O.D. x 3" tall tenon
mounting requirement



ACA30 Series
3" O.D. x 5" tall tenon
mounting requirement



ASC30 Series
3" O.D. x 4" tall tenon
mounting requirement



PCP36 Series
3" O.D. x 5" tall tenon
mounting requirement



RT39 Series
4" O.D. x 6.25" tall tenon
mounting requirement



LB33 Series
3" O.D. x 6" tall tenon
mounting requirement



WTA28 Series
3" O.D. x 9" tall tenon
mounting requirement

Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of luminaires available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Wide range of pendant-mount form factors including tear drop and lantern style
- Available in metal halide and high pressure sodium light sources (LED models in development)
- Assortment of globes and trim for unique configuration options

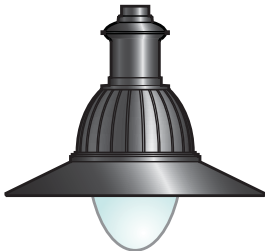
- Wide range of distribution types available, including cutoff
- Options for refractive and non-refractive globes available in a variety of materials
- Maintenance friendly, tool-less entry options available
- Button-type photo controls

Listings

UL and/or CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

LUMINAIRES PENDANT MOUNT

Historical

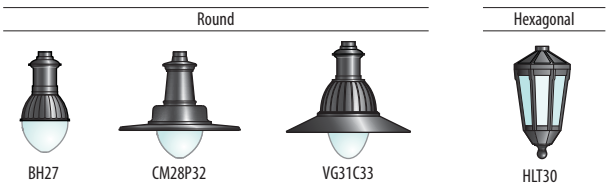


Example: BH27 70M MED ARF VLR3 TB1 ANBK

ORDERING INFORMATION		Specifications subject to change.							
Series	Lamp type	Lens	Distribution	Voltage		Options		Finish	
BH27	Metal halide	All luminaires except those named below	All luminaires except those named below	TB1	120V	PEB1	Photoelectric cell button 120V	ANBK	Black
CM28P32	70M MED	ARF Acrylic refractive	HLR Horizontal lamp reflector type III ¹	TB2	208V ²	PEB2	Photoelectric cell button 208-277V	ANDB	Dark bronze
VG31C33	100M MED	HLT30 Only	VLR5 Vertical lamp reflector type V	TB3	240V			ANDG	Dark green
HLT30	150M MED	ACT Acrylic clear textured	VLR3 Vertical lamp reflector type III	TB4	277V			ANVG	Verde green
	250M MOG		HLT30 Only	347	347V			ANPP	Prime painted
	High pressure sodium		GR3 Optional type 3 glass refractor					CM	Custom match
	70S MED		GR5 Optional type 5 glass refractor					CS	Custom select (RAL colors)
	100S MOG							DBL	Black
	150S MOG							DDB	Dark bronze
	250S MOG							DNA	Natural aluminum
								DWH	White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

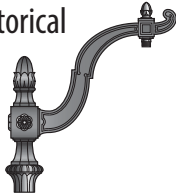


Notes

- 1 Not available in BH27.
- 2 Consult factory for availability in Canada.

ARMS & WALL BRACKETS PENDANT

Historical



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of arms and wall brackets available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

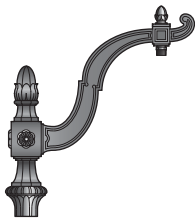
- Wide range of decorative styles and form factors in harmony with your ASL luminaire choice

- Available in two-way, three-way and four-way configurations
- Pole-mounted and wall-mounted versions
- Industry standard 1.5" NPT threaded nipple
- Integral plumbing device for mounting and leveling luminaires

ORDERING INFORMATION		Specifications subject to change.			Example: CVWB ANBK	
Wall Bracket	1 at 90°	2 at 180°	4 at 90°	Finish		
CVWB	CVC27/1	CVC54/2	ELC54/4	ANBK	Black	
ELWB	ELC27/1	ELC27/1	WLC88/4	ANDB	Dark bronze	
GAWB	GAC48/1	GAC48/1	WLC144/4	ANDG	Dark green	
WLWB	WLC72	WLC72		ANVG	Verde green	
				ANPP	Prime painted	
				CM	Custom match	
				CS	Custom select (RAL colors)	
				DBL	Black	
				DDB	Dark bronze	
				DNA	Natural aluminum	
				DWH	White	
ONLY ONE SELECTION ALLOWED FROM THESE COLUMNS						

ADDITIONAL INFORMATION For additional product information, visit www.antiquestreetlamps.com.

Post-top Roadway Arms for Pendant Luminaires



ELC27/1 Series
3" O.D. x 9" tall tenon
mounting requirement



WLC72/1 Series
3" O.D. x 9" tall tenon
mounting requirement



GAC48/1 Series
3" O.D. x 12" tall tenon
mounting requirement



CV27/1 Series
3" O.D. x 12" tall tenon
mounting requirement

Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of historical posts available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Wide range of styles and construction to compliment your streetscape design

- Post families are available in styles to complement your ASL bollards
- Available in cast aluminum, cast iron, and cast iron/steel
- Variety of heights ranging from 5 to 23 feet
- Smooth, fluted, straight and tapered shaft choices



POSTS

Historical

ORDERING INFORMATION

Specifications subject to change.

Example: PX CH12 8 F4 3T3 ANBK

Series	Base	Height ¹	Shaft type	Mounting method ³	Finish
PX Cast aluminum with extruded shaft	CH12	6, 8, 10, 12, 14, 16 ²	F4 Fluted 4" ²	3T3 3" O.D. x 3" tall tenon (standard)	ANBK Black
	KW20	6, 8, 10, 12, 14, 16 ²	F5 Fluted 5"	3T4 3" O.D. x 4" tall tenon	ANDB Dark bronze
	NY17	6, 8, 10, 12, 14, 16 ²	S4 Smooth 4" ²	3T5 3" O.D. x 5" tall tenon	ANDG Dark green
	PD18	6, 8, 10, 12, 14, 16 ²	S5 Smooth 5"	3T6 3" O.D. x 6" tall tenon	ANVG Verde green
	W17	6, 8, 10, 12, 14, 16 ²		3T9 3" O.D. x 9" tall tenon	ANPP Prime painted
PA Cast aluminum	NY17	9, 11, 13, 14	(blank) Tapered and fluted	3T12 3" O.D. x 12" tall tenon	CM Custom match
	W17	8, 10, 12, 14		4T6-1/4 4" O.D. x 6-1/4" tall tenon	CS Custom select (RAL colors)
PI Cast iron	C20	10, 12, 13, 15	(blank) Tapered and fluted		DBL Black
	FW18	6, 7, 10, 12, 13, 15			DDB Dark bronze
	H16	10, 12, 14			DNA Natural aluminum
PZ Cast iron/steel	C24	12, 13, 15, 17, 20, 22	(blank) Tapered and fluted		DWH White
	NY20	13, 14, 16, 18, 21, 23			

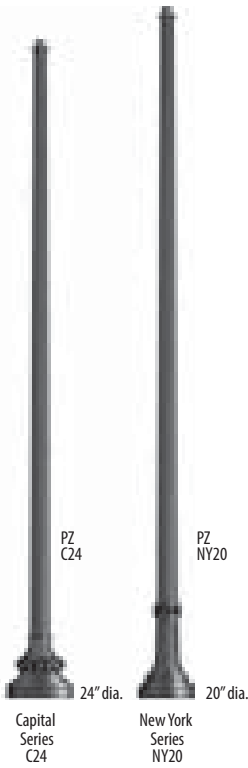
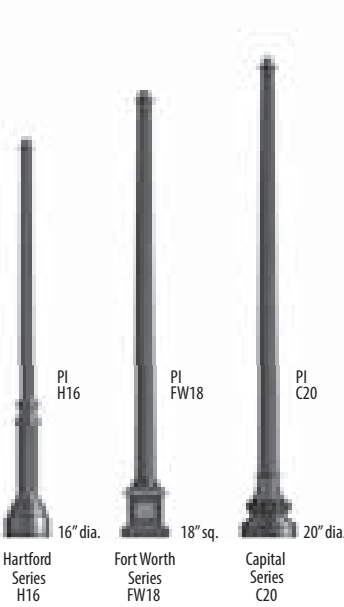
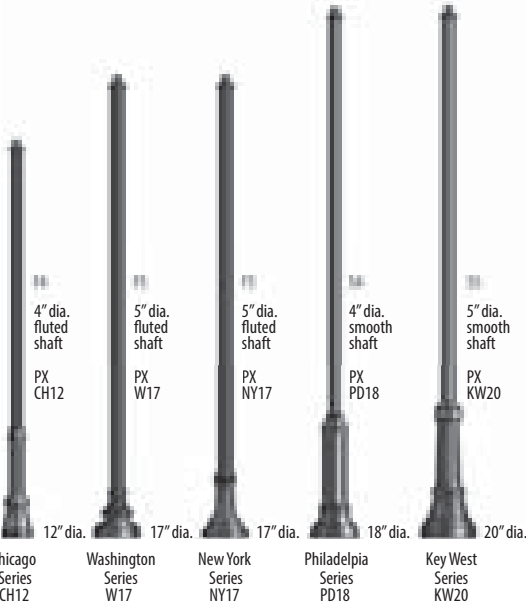
ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

Cast Iron and Steel

Cast Aluminum

Cast Iron and Steel



- Notes
- 1 Nominal height in feet.
 - 2 F4 and S4 shafts are not available in 16' height.
 - 3 Check luminaire or arm specifications for proper tenon size.

BOLLARDS

Historical



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of historical posts available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Wide range of styles to compliment your streetscape design
- Bollard families are available in styles to complement your ASL poles

- Lighted and unlighted models in cast aluminum and cast iron construction
- Available in metal halide and high pressure sodium light sources

Listings

UL and/or CSA Listed to U.S. and Canadian Safety Standards.
Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

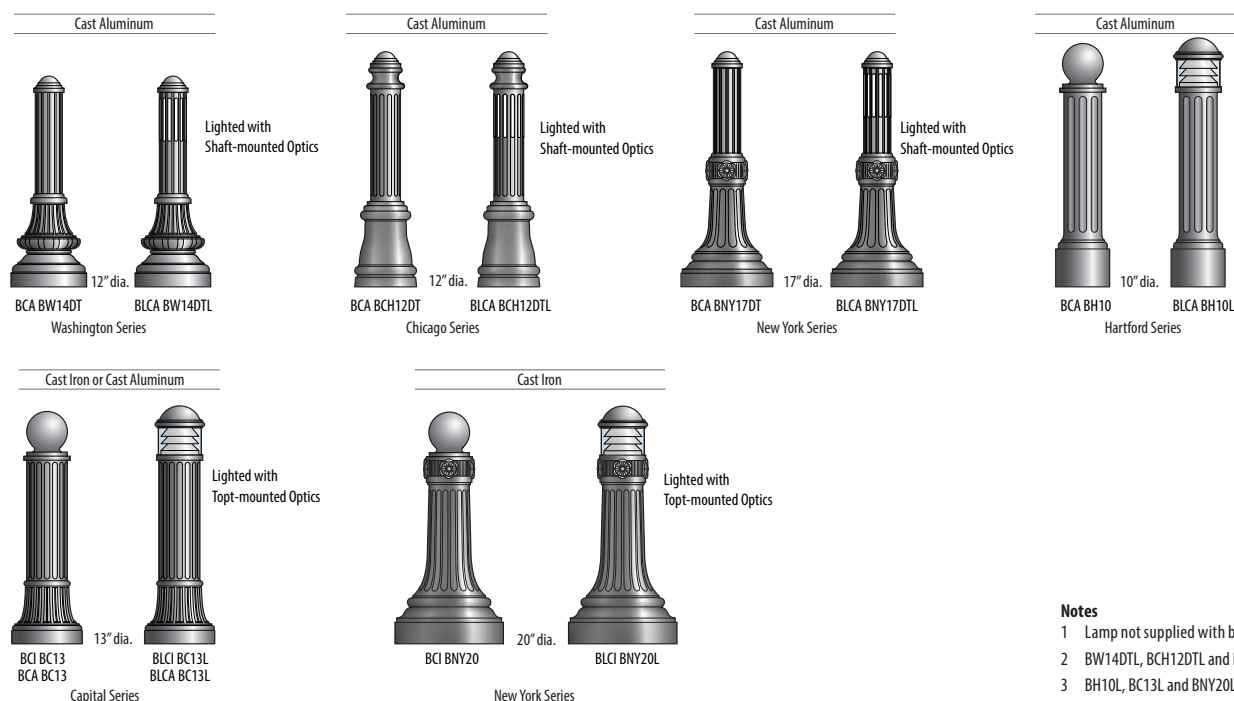
Specifications subject to change.

Example: BLCA BW14DTL 100M MED ACS GR5 TB1 EBB ANBK

Series		Size			Lamp type ¹				Lens			
BLCA	Cast aluminum lighted bollards	BLCA only	BLCI only	BNY17DT	BLCA and BLCI only		High pressure sodium		Shaft-mounted optics ²			
BLCI	Cast iron lighted bollards	BW14DTL	BC13L	BH10	Metal halide		50S MED	50W	GWS Glass, white smooth			
BCA	Cast aluminum bollards	BCH12DTL	BNY20L	BC13	50M MED	50W	70S MED	70W	Top-mounted optics ³			
BCI	Cast iron bollards	BNY17DTL	BCA only	BCI only	70M MED	70W	100S MOG	100W	ACS Acrylic, clear smooth			
		BH10L	BW14DT	BC13	100M MED	100W			AWS Acrylic, white smooth			
		BC13L	BCH12DT	BNY20								
Distribution ³			Voltage ⁴		Options				Finish			
(blank)	Standard low-brightness reflector type V		BLCA and BLCI only		EBB	One eyebolt			ANBK	Black	DBL	Black
GR3	Glass refractor type III		TB1	120V	2EBB	Two eyebolts			ANDB	Dark bronze	DDB	Dark bronze
GR5	Glass refractor type V		TB2	208V ⁵					ANDG	Dark green	DNA	Natural aluminum
			TB3	240V					ANVG	Verde green	DWH	White
			TB4	277V					ANPP	Prime painted	CS	Custom select
			347	347V					CM	Custom match		(RAL colors)

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.



Notes

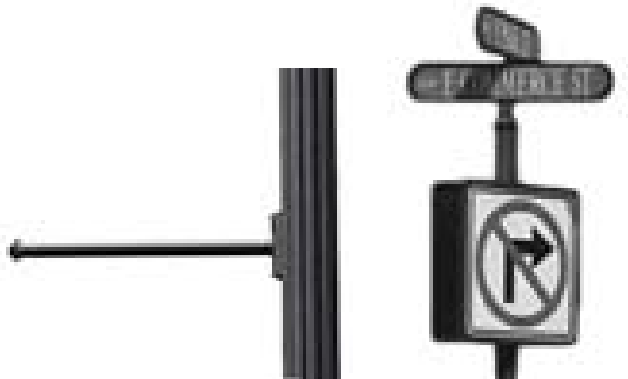
- 1 Lamp not supplied with bollards.
- 2 BW14DTL, BCH12DTL and BNY17DTL only.
- 3 BH10L, BC13L and BNY20L only.
- 4 Multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada).
- 5 Consult factory for availability in Canada.

Antique Street Lamps offers an extensive set of post-mounted accessories that provide an aesthetic statement with functional purpose. From decorative accessories such as post-top finials, to functional accessories such as electrical receptacles, ASL can offer you post-mounted solutions to enhance your streetscape installation. (Arms and eyebolts are separate accessories.)

- Banner arms
- Receptacles
- Street signs
- Traffic signs
- Finials
- Ladder rests
- Flagpole holders
- Pier mount
- Planter arms
- Clamshell bases

Some of the ASL accessories require factory-installed mounting provisions. Please consult your factory representative with details of your specific application.

POST-MOUNTED ACCESSORIES



Example: BAC19 BACD4 24H4 ANBK

ORDERING INFORMATION

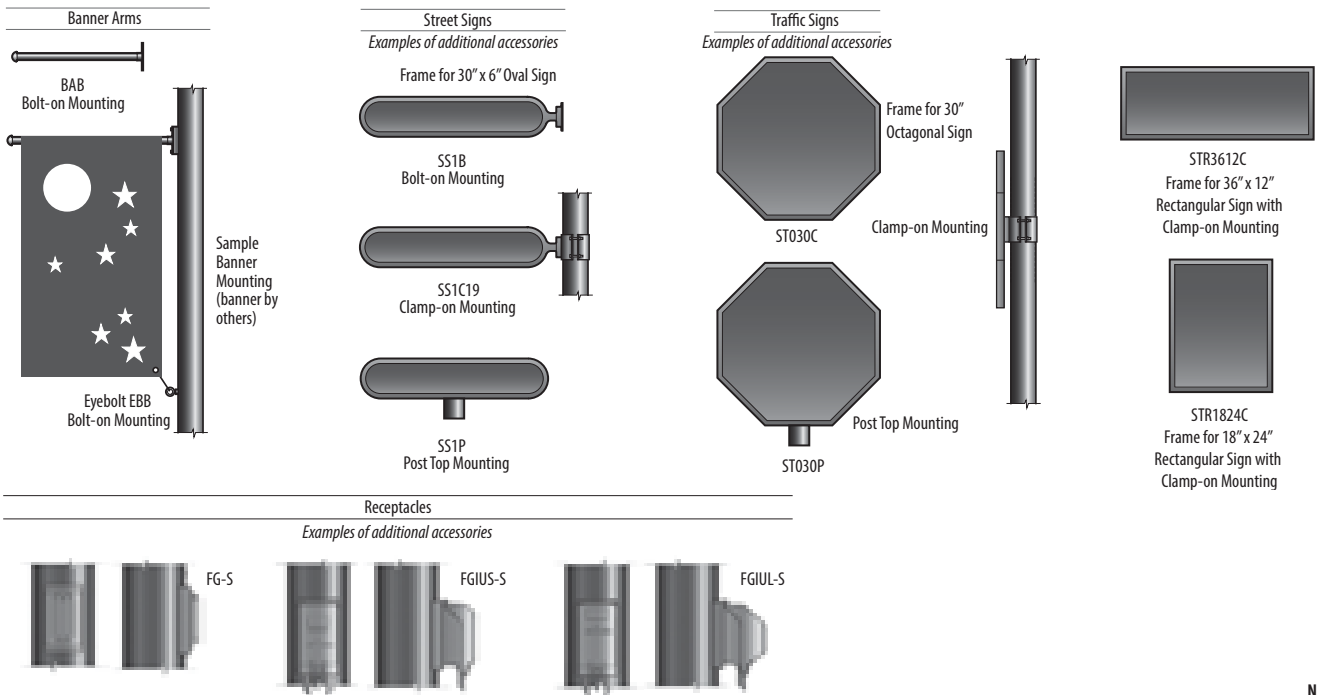
Specifications subject to change.

Series	Clamp diameter¹				Arms	Eyebolts	Eyebolt clamp diameter¹				Finish		
<u>Bolt-on</u>	BACD3	3" Ø	BACD5-1/2	5.5" Ø	12H4	1"Ø, 12" long	<u>Bolt-on</u>	EBCD3	3" Ø	EBCD6	6" Ø	ANBK	Black
BAB 1 banner arm	BACD3-1/2	3.5" Ø	BACD6	6" Ø	18H4	1"Ø, 18" long	EBB 1 eyebolt	EBCD3-1/2	3.5" Ø	EBCD6-1/2	6.5" Ø	ANDB	Dark bronze
<u>One set clamp-on</u>	BACD4	4" Ø	BACD6-1/2	6.5" Ø	24H4 1"Ø, 24" long 30H4 1"Ø, 30" long 36H4 1"Ø, 36" long	<u>One set clamp-on</u>	EBCD4	4" Ø	EBCDTB S Ø to be specified			ANDG	Dark green
BAC19 1 arm	BACD4-1/2	4.5" Ø	BACDTBS	Ø to be specified		EBC19 1 eyebolt	EBCD4-1/2	4.5" Ø				ANVG	Verde green
BAC28 2 @ 180°	BACD5 5" Ø			EBC28 2 @ 180°			ANPP	Prime painted					
BAC29 2 @ 90°				EBC29 2 @ 90°			EBCD5 5" Ø	CM				Custom match	
							EBCD5-1/2	5.5" Ø				CS	Custom select (RAL colors)
												DBL	Black
												DDB	Dark bronze
												DNA	Natural aluminum
												DWH	White
MUST BE ORDERED SEPARATELY													

MUST BE ORDERED SEPARATELY

ADDITIONAL INFORMATION

For additional product information, visit www.antiquetstreetlamps.com.



Notes
1 For clamp-ons only.

RESONANCE SERIES



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Resonance products available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Transitional style lantern for a unique look that augments your architectural statement
- Family set of complimentary luminaires, poles, arms and bollards

- Luminaires and bollards available in a variety of sources, including metal halide, high pressure sodium, compact fluorescent and LED
- Wide range of distribution types available, including cutoff

Listings

UL and/or CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

Example: TLRC10 50M MED GCF R2 120 SF DBL

Series	Lamp type	Lens	Distribution	Voltage	Options	Finish
<u>HID and CFL</u>	<u>Metal halide</u>	<u>Compact fluorescent</u>				
TLRC10 1.0 luminaire	50M MED 26TRT	GCF	R2 Type II	120 347	SF Single fuse	ANBK Black
TLRCB10 1.0 lighted bollard	70M MED 32TRT		R3 Type III	208 480	DF Double fuse	ANDB Dark bronze
	100M MED 42TRT		R4 Type IV	240 MVOLT	HF House-side shield (Type II & III only)	ANDG Dark green
	<u>Ceramic metal halide</u>		R5 Type V	277		ANVG Verde green
	39MHC G12					ANPP Prime painted
	70MHC G12					CM Custom match
						CS Custom select (RAL colors)
TLRC15 1.5 luminaire	<u>Metal halide</u>	GCF	SR2 Type II	120 347	SF Single fuse	DBL Black
	70M MED		SR3 Type III	208 480	DF Double fuse	DDB Dark bronze
	100M MED		SR4SC Type IV	240	HS House-side shield	DNA Natural aluminum
	150M MED		SR5S Type V	277		DWH White

ORDERING INFORMATION

Specifications subject to change.

Example: TLRC10 18LED 350MA 35K R3 120 GCF SF DBL

Series	Lumen package	LED color	Distribution	Voltage	Lens	Options	Finish
<u>LED</u>							
TLRC10 1.0 luminaire	18LED 350MA	35K	R3 Type III	120	GCF	SF Single fuse	ANBK Black
TLRCB10 1.0 lighted bollard	18LED 700MA	41K	R4 Type IV	208		DF Double fuse	ANDB Dark bronze
		56K	R5 Type V	240		SPD6KV Surge protection	ANDG Dark green
				277		SPD10KV Surge protection	ANVG Verde green
				347			ANPP Prime painted
TLRC15 1.5 luminaire	49LED 350MA	30K	R2 Type II	480			CM Custom match
	49LED 530MA	40K	R3 Type III	MVOLT			CS Custom select (RAL colors)
	49LED 700MA	50K	R4 Type IV				DBL Black
	63LED 350MA		R5 Type V				DDB Dark bronze
	63LED 530MA						DNA Natural aluminum
	63LED 700MA						DWH White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

Luminaires

Bollard



TLRC10
(1.0)



TLRC15
(1.5)



TLRCB10
(1.0)

RESONANCE SERIES

Posts, Arms & Wall Bracket

ORDERING INFORMATION

Specifications subject to change.

Example: PXVR19 10 S4 ANBK

Series	Height ¹	Shaft type	Finish
<u>Post</u> PXVR19	8	S4	ANBK Black
	10	S5	ANDB Dark bronze
	12	F4 ²	ANDG Dark green
	14	F5 ²	ANPP Prime painted
	16 ²		CM Custom match
			CS Custom select RAL colors

ORDERING INFORMATION

Specifications subject to change.

Example: VRC38 ANBK

Series	Finish
<u>Arm</u> VRC38	ANBK Black
	ANDB Dark bronze
	ANDG Dark green
	ANVG Verde green
	ANPP Prime painted
	CM Custom match
	CS Custom select (RAL colors)
	DBL Black
	DDB Dark bronze
	DNA Natural aluminum
	DWH White

ORDERING INFORMATION

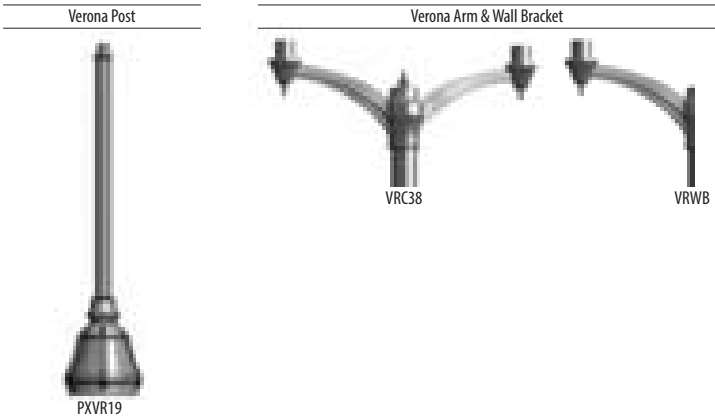
Specifications subject to change.

Example: VRWB ANBK

Series	Finish
<u>Wall bracket</u> VRWB	ANBK Black
	ANDB Dark Bronze
	ANDG Dark Green
	ANVG Verde Green
	ANPP Prime Painted
	CM Custom Match
	CS Custom select (RAL colors)
	DBL Black
	DDB Dark bronze
	DNA Natural aluminum
	DWH White

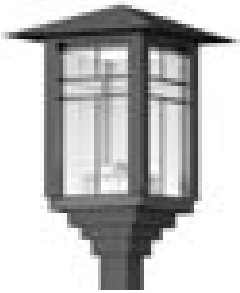
ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.



Notes
1 Height in feet.
2 16' height not available with S4 and F4.

HIGHLAND PARK SERIES



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Highland Park luminaires available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Art Deco style lantern for a unique look that augments your architectural statement
- Family set of complimentary luminaires, poles and arms

- Luminaires available in a variety of sources, including metal halide
- Wide range of distribution types available, including cutoff

Listings

UL and/or CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

Example: TLHPC10 3R 100M MED AWS R2 120 P3 SF DBL

Series	Bases	Lamp type	Lens	Distribution	Voltage	Panels	Options	Finish
TLHPC10	3R	<u>Metal halide</u>	AWS	R2	120	(blank)	SF Single fuse	ANBK Black
TLHPM10	4R	50M MED	ACT	R3	208	P1	DF Double fuse	ANDB Dark bronze
TLHPP10	4S	70M MED	ACS	R4	240	P2	PEB1 Photocell button 120V	ANDG Dark green
TLHPQ10	PM	100M MED	PWS	R5	277	P3	PEB2 Photocell button 208V, 240V, 277V	ANVG Verde green
	SM	<u>High pressure sodium</u>	PCT		347			ANPP Prime painted
		50S MED	PCS		480			CM Custom match
		70S MED	GOF					CS Custom select (RAL colors)
		100S MED	GCSD					DBL Black
			GCF					DDB Dark bronze
								DNA Natural aluminum
								DWH White

ORDERING INFORMATION

Specifications subject to change.

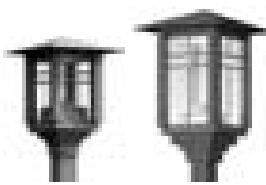
Example: TLHPC15 4S 100M MED AWS SR2 120 P3 SF DBL

Series	Bases	Lamp type	Lens	Distribution	Voltage	Panels	Options	Finish
TLHPC15	3R	<u>Metal halide</u>	AWS	SR2	120	(blank)	HS House-side shield	ANBK Black
TLHPM15	4R	70M MED	ACT	SR3	208	P1	SF Single fuse	ANDB Dark bronze
TLHPP15	4S	100M MED	ACS	SR4SC	240	P2	DF Double fuse	ANDG Dark green
TLHPQ15	5R	150M MED	PWS	SR5S	277	P3	PEB1 Photocell button 120V	ANVG Verde green
	5S	<u>High pressure sodium</u>	PCT		347		PEB2 Photocell button 208V, 240V, 277V	ANPP Prime painted
	PM	70S MED	PCS		480			CM Custom match
		100S MED	GOF					CS Custom select (RAL colors)
		150S MED	GCSD					DBL Black
			GCF					DDB Dark bronze
								DNA Natural aluminum
								DWH White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

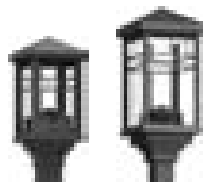
Bungalow Style



TLHPC10

TLHPC15

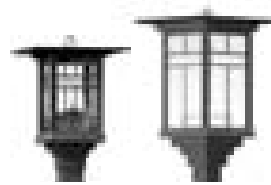
Monument Style



TLHPM10

TLHPM15

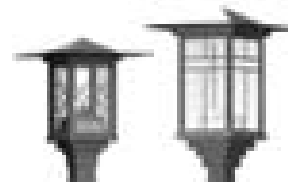
Beaux Arts Style



TLHPP10

TLHPP15

Queen Anne Style



TLHPQ10

TLHPQ15

HIGHLAND PARK SERIES

Arms & Poles

ORDERING INFORMATION

Specifications subject to change.

Example: TPSSAHP 10 4J DM19HP ANBK

Series	Height ¹	Shaft type	Mounting method	Finish
Post TPSSAHP	10	4J 4" square, 25" thick	DM19HP	ANBK Black CS Custom select (RAL colors)
	12	5J 5" square, 25" thick	DM28HP	ANDB Dark bronze DBL Black
	14		DM29HP	ANDG Dark green DDB Dark bronze
	16		DM39HP	ANPP Prime painted DNA Natural aluminum
	18		DM49HP	CM Custom match DWH White
	20			

ORDERING INFORMATION

Specifications subject to change.

Example: TAHHP24 SPA ANBK

Series	Mounting method	Finish
Wall bracket TAHHP24	WMA Wall mounting arm	ANBK Black CS Custom select (RAL colors)
	SPA Square pole arm	ANDB Dark bronze DBL Black
		ANDG Dark green DDB Dark bronze
		ANPP Prime painted DNA Natural aluminum
		CM Custom match DWH White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

Square Pole Arm



TAHHP24

Square Pole Arm



TPSSAHP 4J

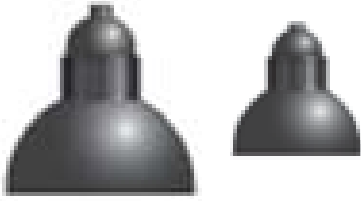


TPSSAHP 5J

Notes
1 Height in feet.

HANOVER SERIES

Eurotique



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Hanover luminaires available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Eurostyle design providing exceptional lighting and energy efficiency
- Variety of light sources, including metal halide, high pressure sodium and LED
- Multiple distribution patterns, including full-cutoff, cutoff and house-side shield options

- Two sizes available to transition from building to pedestrian gathering to street
- Available with either flat glass or sag glass optics
- Multiple luminaire and arm configurations provide many different appearances

Listings

CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

Example: EH22RT 250M MOG GCF SR2 120 DBL

Series	Lamp type	Lens	Distribution	Voltage	Options	Finish
HID	Metal halide	GCF Glass clear flat	SR2 Type II	120	HS House-side shield	ANBK Black DBL Black
EH22RT	250M MOG	GCSG Glass clear sag	SR3 Type III	208	SF Single fuse	ANDB Dark bronze DDB Dark bronze
EH22ST	400M MOG	ACHS Acrylic, clear half sphere	SR4SC Type IV	240	DF Double fuse	ANDG Dark green DNA Natural aluminum
EH22FT	High pressure sodium	ACD Acrylic, clear drop globe	SR4W Type IV	277	1DS Decorative shield	ANVG Verde green DWH White
	150S MOG		SR5S Type V	347		ANPP Prime painted
	250S MOG			480 ¹		CM Custom match
	400S MOG			TB ¹		CS Custom select (RAL colors)

ORDERING INFORMATION

Specifications subject to change.

Example: EHL16 ST 49LED 350MA 3K GCF R3 MVOLT DBL

Series	Base	Lamp type	Color temp	Lens	Distribution	Voltage	Options	Finish
LED	ST	Smooth ballast housing	49LED 350MA	3K 3K CCT	GCF Glass clear flat	R3 Type III	SF Single fuse	ANBK Black DBL Black
EHL16			49LED 525MA	4K 4K CCT		R4 Type IV	DF Double fuse	ANDB Dark bronze DDB Dark bronze
EHL22	RT	Ringed ballast housing	63LED 350MA	5K 5K CCT	GCSG Glass clear sag	R5 Type V	SPD Surge protection device	ANDG Dark green DNA Natural aluminum
			63LED 525MA				ANVG Verde green DWH White	
	FT	Fluted ballast housing					1DS Decorative shield	ANPP Prime painted
								CM Custom match
								CS Custom select (RAL colors)

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

LARGE HANOVER SERIES LUMINAIRES PENDANT

Smooth & Fluted Ballast Housing (Flat Glass Lens)



EHL22ST GCF

EHL22ST GCF

SMALL HANOVER SERIES LUMINAIRES PENDANT

Smooth & Fluted Ballast Housing (Flat Glass Lens)

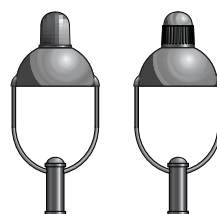


EHL16ST GCF

EHL16ST GCF

LARGE HANOVER SERIES LUMINAIRES POST TOP

Smooth & Fluted Ballast Housing (Flat Glass Lens)

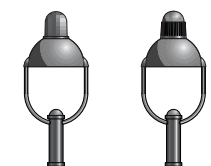


ETHL22ST GCF

ETHL22FT GCF

SMALL HANOVER SERIES LUMINAIRES POST TOP

Smooth & Fluted Ballast Housing (Flat Glass Lens)



ETHL16ST GCF

ETHL16FT GCF

Notes

- ¹ Multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada). For wattages less than 70S or 70M, contact ASL for voltage availability.

Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Munich luminaires available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Eurostyle design providing exceptional lighting and energy efficiency
- Variety of light sources, including metal halide, high pressure sodium and LED

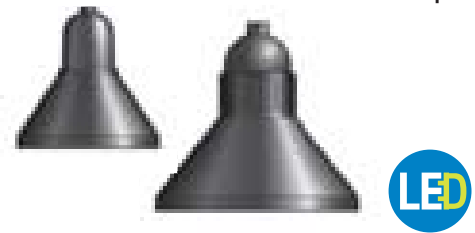
- Multiple distribution patterns, including full-cutoff, cutoff and house-side shield options
- Available with either flat glass or sag glass optics
- Multiple luminaire and arm configurations provide many different appearances

Listings

CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

MUNICH SERIES

Eurotique

**ORDERING INFORMATION**

Specifications subject to change.

Example: EM25RT 250M MOG GCF MVOLT SR3 120 HS DBL

Series	Lamp type	Lens	Distribution	Voltage	Options	Finish
HID	Metal halide	GCF Glass clear flat	SR2 Type II	120	HS House-side shield	ANBK Black DBL Black
EM25RT	250M MOG	GCSG Glass clear sag	SR3 Type III	208	SF Single fuse	ANDB Dark bronze DDB Dark bronze
EM25ST	400M MOG	ACHS Acrylic, clear half sphere	SR4SC Type IV	240	DF Double fuse	ANDG Dark green DNA Natural aluminum
EM25FT	High pressure sodium	ACD Acrylic, clear drop globe	SR4W Type IV	277		ANVG Verde green DWH White
	150S MOG		SR5S ² Type V	347		ANPP Prime painted
	250S MOG			480 ¹		CM Custom match
	400S MOG			TB ¹		CS Custom select (RAL colors)

ORDERING INFORMATION

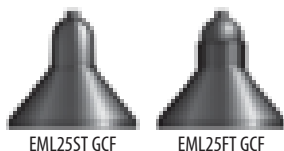
Specifications subject to change.

Example: EML17 ST 49LED 3K GCF R3 MVOLT DBL

Series	Base	Lamp type	Color temp	Lens	Distribution	Voltage	Options	Finish
LED	ST Smooth ballast housing	49LED 350MA	3K 3K CCT	GCF Glass clear flat	R3 Type III	120V	SF Single fuse	ANBK Black DBL Black
EML17		49LED 525MA	4K 4K CCT		R4 Type IV	208V	DF Double fuse	ANDB Dark bronze DDB Dark bronze
EML25	RT Ringed ballast housing	63LED 350MA	5K 5K CCT	GCSG Glass clear sag	R5 Type V	240V	SPD Surge protection device	ANDG Dark green DNA Natural aluminum
	FT Fluted ballast housing	63LED 525MA				277V	1DS Decorative shield	ANVG Verde green DWH White
						347V		ANPP Prime painted
						480 ¹		CM Custom match
						MVOLT (120-277V)		CS Custom select (RAL colors)

ADDITIONAL INFORMATIONFor additional product information, visit www.antiquestreetlamps.com.**LARGE MUNICH SERIES LUMINAIRES PENDANT**

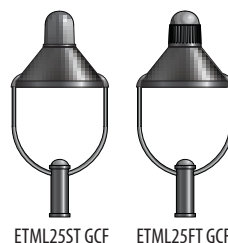
Smooth & Fluted Ballast Housing (Flat Glass Lens)

**SMALL MUNICH SERIES LUMINAIRES PENDANT**

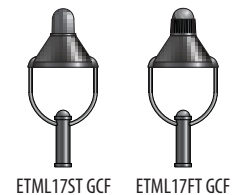
Smooth & Fluted Ballast Housing (Flat Glass Lens)

**LARGE MUNICH SERIES LUMINAIRES POST TOP**

Smooth & Fluted Ballast Housing (Flat Glass Lens)

**SMALL MUNICH SERIES LUMINAIRES POST TOP**

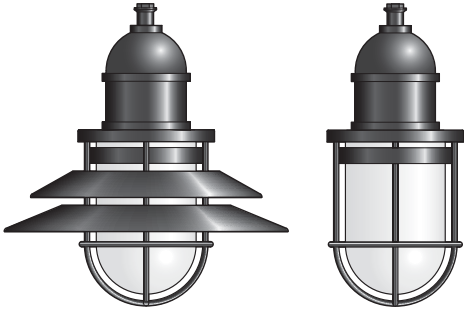
Smooth & Fluted Ballast Housing (Flat Glass Lens)

**Notes**

- ¹ Multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada). For wattages under 70S or 70M contact ASL for voltage availability.

COPENHAGEN SERIES

Eurotique



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Copenhagen luminaires available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Distinctive design providing exceptional lighting and energy efficiency
- Variety of light sources, including metal halide, high pressure sodium and compact fluorescent

- Four style configurations available for design flexibility
- Multiple luminaire and arm configurations provide many different appearances
- Cutoff distribution available

Listings

CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

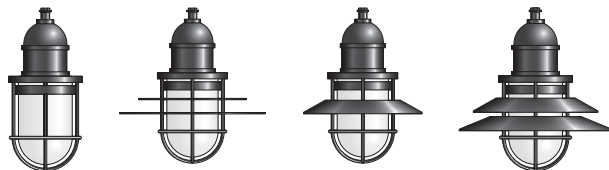
Example: EC13RT 150M MED ACS R5 TB1 SF 2DS ANBK

Series	Lamp type	Lens		Distribution		Voltage¹		Options		Finish	
EC13RT	<u>Metal halide</u>	PCS	Polycarbonate, clear smooth	R5	Type V	TB1	120V	HS	House-side shield	ANBK	Black
	50M MED	ACS	Acrylic, clear smooth			TB2	208V	SF	Single fuse	ANDB	Dark bronze
	70M MED					TB3	240V	DF	Double fuse	ANDG	Dark green
	100M MED					TB4	277V	1DS	Single decorative shield	ANVG	Verde green
	150M MED					347	347V	2DS	Double decorative fuse	ANPP	Prime painted
	175M MED					480	480V¹		CM	Custom match	
	<u>High pressure sodium</u>					2DD	Double decorative discs		CS	Custom select (RAL colors)	
	50S MED						DBL	Black			
	70S MED						DDB	Dark bronze			
	100S MED	DNA	Natural aluminum								
	150S MED	DWH	White								
	<u>Compact fluorescent</u>										
	42TRT										

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

COPENHAGEN SERIES SMALL LUMINAIRE



EC13RT

EC13RT 2DD
Optional Double
Decorative Discs

EC13RT 1DS
Optional Single
Decorative Shield

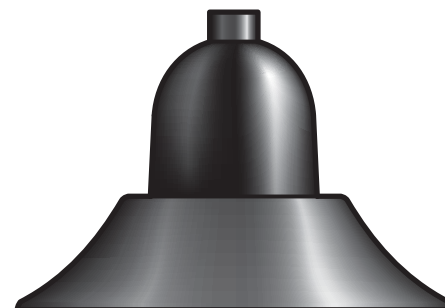
EC13RT 2DS
Optional Double
Decorative Shields

Notes

- ¹ Multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada). For wattages under 70S or 70M contact ASL for voltage availability.

STOCKHOLM SERIES

Eurotique



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Stockholm luminaires available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Eurostyle design providing exceptional lighting and energy efficiency
- Variety of light sources, including metal halide, high pressure sodium and compact fluorescent

- Multiple distribution patterns, including full-cutoff, cutoff and house-side shield options
- Available with either flat glass or sag glass optics
- Multiple luminaire and arm configurations provide many different appearances

Listings

CSA Listed to U.S. and Canadian Safety Standards. Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

Example: ES22ST 50M MED GCF SR2 TB1 ANBK

Series	Lamp type	Lens	Distribution	Voltage ¹	Options	Finish
ES22ST	Metal halide	GCF Glass clear flat	SR2 Type II	TB1 120V	HS House-side shield ²	ANBK Black
	50M MED	GCSG Glass clear sag	SR3 Type III	TB2 208V	SF Single fuse	ANDB Dark bronze
	70M MED	ACHS Acrylic, clear half sphere	SR4SC Type IV	TB3 240V	DF Double fuse	ANDG Dark green
	100M MED	ACD Acrylic, clear drop globe	SR5S Type V	TB4 277V		ANVG Verde green
	150M MED			TB4 277V		ANPP Prime painted
	High pressure sodium			347 347V		CM Custom match
	35S MED					CS Custom select (RAL colors)
	50S MED					DBL Black
	70S MED					DDB Dark bronze
	100S MED					DNA Natural aluminum
	150S MED					DWH White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

STOCKHOLM SERIES LUMINAIRES

FULL CUTOFF & CUTOFF



ES22ST GCF



ES22ST GCSG

Notes

¹ Multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada). For wattages under 70S or 70M contact ASL for voltage availability.

² HS (house-side shield) is not available with distribution option SR4SC or SR5S.

PRODUCT INFORMATION

OSLO SERIES

Eurotique

**Intended Use**

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Oslo products available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Transitional style lantern for a unique look that augments your architectural statement
- Family set of complimentary luminaires, poles, arms and bollards

- Luminaires and bollards available in a variety of sources, including metal halide and high pressure sodium
- Wide range of distribution types available, including cutoff

Listings

UL and/or CSA Listed to U.S. and Canadian safety standards. Luminaires are labeled as suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

Example: OL23 100M MED GCF SR2 TB1 ANBK

Series	Lamp type ¹				Lens	Distribution		Voltage ⁴	Options	Finish	
OL23	Large luminaire	Metal halide	High pressure sodium	Metal halide for T6 lamps ³	GCF Glass, clear flat	Large luminaire	Mini luminaire and lighted bollard	TB1 120V	HS House-side shield ⁷	ANBK	Black
OL20	Mini luminaire	50M MED 50W	50S MED 50W	39T6 G12 175W		SR2 Type II	R2 Type II	TB2 208V ⁵	SF Single fuse	ANDB	Dark bronze
BLCA BOL10LC	Lighted bollard	70M MED 70W	70S MED 70W	70T6 G12 250W		SR3 Type III	R3 Type III	TB3 240V	DF Double fuse	ANDG	Dark green
		100M MED 100W	100S MED 100W			SR4SC Type IV	R4 Type IV	TB4 277V		ANVG	Verde green
		150M MED 150W ²	150S MED 150W ²			SR5S Type V	R5 Type V	347 347V		ANPP	Prime painted
								MVOLT 120-277V ⁶		CM	Custom match
										CS	Custom select (RAL colors)
										DBL	Black
										DDB	Dark bronze
										DNA	Natural aluminum
										DWH	White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches unless otherwise noted.

**Notes**

- 1 Lamp not supplied with luminaires or bollard.
- 2 150W only available with OL23.
- 3 Available for OL20 and bollard only.
- 4 Multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada).
- 5 Consult factory for availability in Canada.
- 6 MVOLT only available with 39T6 and 70T6.
- 7 Available for SR2, SR3 and R4 distributions only.

OSLO SERIES

Posts, Arm and Wall Brackets

ORDERING INFORMATION

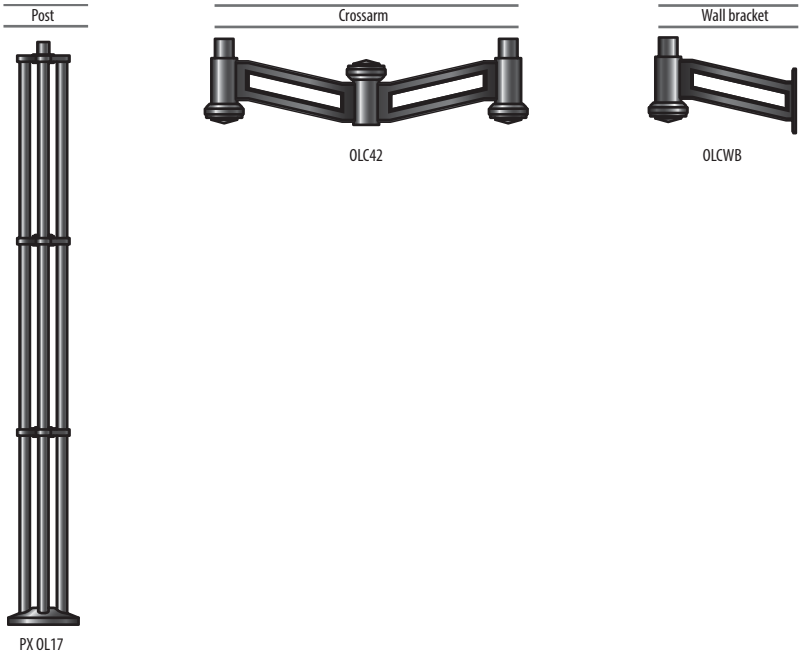
Specifications subject to change.

Example: OLC42 8 3T3 ANBK

Series	Height ¹	Mounting method	Finish
OLC42 Arm	<u>For post only</u>	<u>For post only</u>	ANBK Black
OLCWB Wall bracket	8	3T3 3" tenon x 3" tall	ANDB Dark bronze
	10	3T4 3" tenon x 3" tall	ANDG Dark green
	12		ANVG Verde green
	14		ANPP Prime painted
	16		CM Custom match
			CS Custom select (RAL colors)
			DBL Black
			DDB Dark bronze
			DNA Natural aluminum
			DWH White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.



Notes
1 Height in feet.

PRODUCT INFORMATION

ARMS & WALL BRACKETS

Eurotique

**Intended Use**

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of arms and wall brackets available; please refer to our web site at www.antiquastreetlamps.com for more selections and specifications.

Features

- Wide range of decorative styles and form factors in harmony with your Eurotique luminaire choice
- Pole-mounted one-way, two-way and wall-mount configurations

- Integral plumbing device for mounting and leveling luminaires
- Two sizes available to match the scaling of the Eurotique luminaire and pole families
- Light-weight and durable aluminum construction

ORDERING INFORMATION

Specifications subject to change.

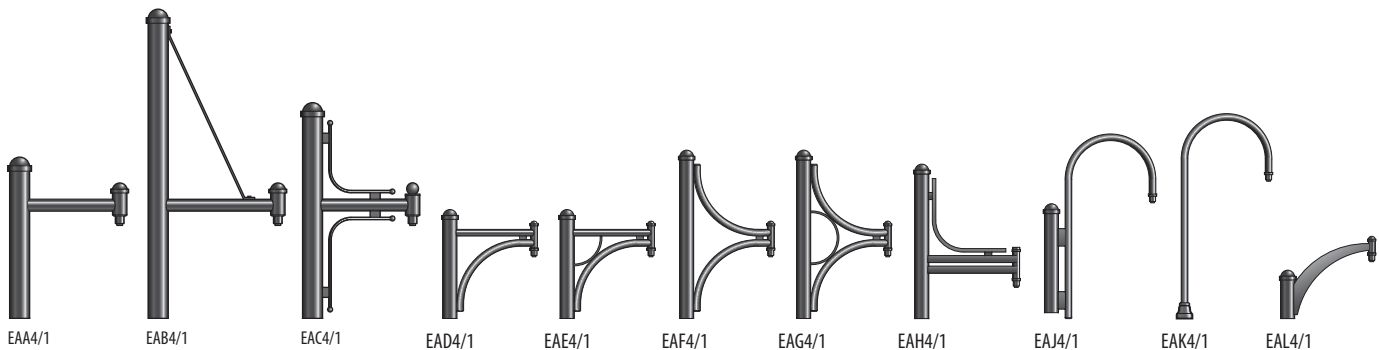
Example: EAA 4/1 PER ANBK

Series	Size	Options	Finish
EAA	4/1 One-way, 4" OD	PER NEMA® twist-lock receptacle only	ANBK Black
EAB	5/1 One-way, 5" OD	PE1 NEMA twist-lock photocontrol, 120V, 208V, 240V	ANDB Dark bronze
EAC	4/2 Two-way, 4" OD	PE3 NEMA twist-lock photocontrol, 347V	ANDG Dark green
EAE	5/2 Two-way, 5" OD	PE4 NEMA twist-lock photocontrol, 480V	ANVG Verde green
EAH		PE7 NEMA twist-lock photocontrol, 277V	ANPP Prime painted
EAJ			CM Custom match
EAL			

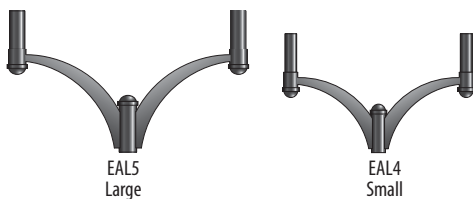
ADDITIONAL INFORMATION

For additional product information, visit www.antiquastreetlamps.com.

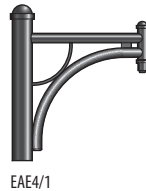
EUROTIQUE PENDANT ARMS



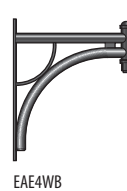
Eurotique Post-Top Arms



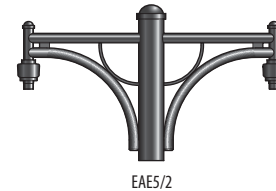
One-way



Wall Bracket



Two-way



EUROTIQUE DECORATIVE POST-TOP CROSSARMS

Not Shown (ACA, ASC, AX, CCA, CP, LV, DP, LB, LR, CSC, NP, OM, OS, PCP, PCP48, RI, RT, SA, SCA, V, WTA, VRC38, BNC48, BNP48, OLC42)

CONTEMPORARY POLES

Eurotique



Intended Use

City streetscapes, public areas and parks, higher education campuses, residential developments, paths and walkways. Shown here is a sampling of Eurotique poles available; please refer to our web site at www.antiquestreetlamps.com for more selections and specifications.

Features

- Aluminum and steel construction
- Available as straight or straight stepped
- Variety of heights ranging from 10 to 30 feet

ORDERING INFORMATION

Specifications subject to change.

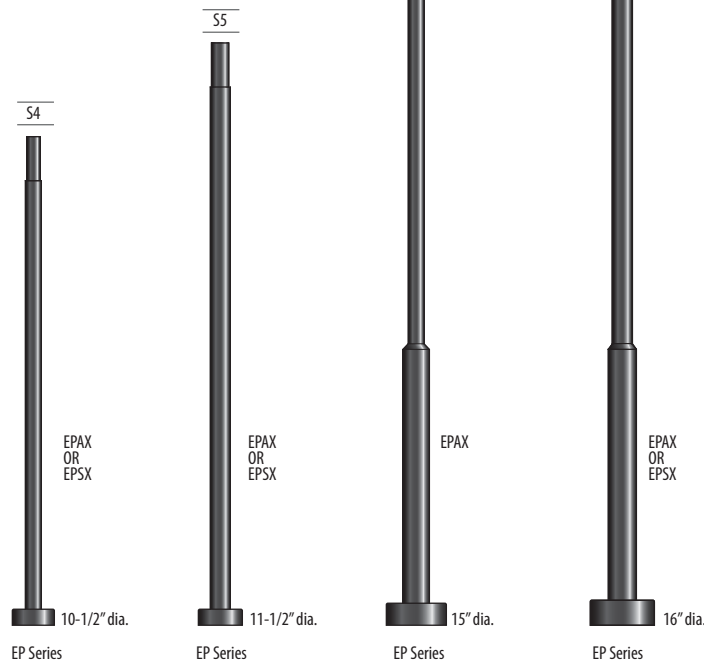
Example: EPSX 18 S4 3-3/8T11 ANBK

Series	Height ^{1,2}	Shaft	Mounting method	Finish
EPAX Aluminum contemporary	10 24	S4 Smooth 4"	4" posts ³	ANBK Black
EPSX Steel contemporary	12 26	S4S6 Smooth 4"/6.63"	3-3/8T11 Standard tenon	ANDB Dark bronze
	14 28	S5 Smooth 5"	3-3/8T8 Tenon for arm EAL4	ANDG Dark green
	16 30	S5S7 Smooth 5"/7"	5" posts ⁴	ANVG Verde green
	18		4-3/8T11 Standard tenon	ANPP Prime painted
	20		4-3/8T8 Tenon for arm EAL5	CM Custom match
	22		All posts	CS Custom select (RAL colors)
			OTO No tenon	DBL Black
			3T3 3" x 3" tenon	DDB Dark bronze
				DNA Natural aluminum
				DWH White

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

CONFIGURATIONS				
SERIES	S4 HEIGHT (FT.)	S5 HEIGHT (FT.)	S4S6 HEIGHT (FT.)	S5S7 HEIGHT (FT.)
EPAX	10, 12, 14, 16, 18	16, 18, 20	20, 22	20, 22, 24, 26
EPSX	16, 18, 20	16, 18, 20	N/A	22, 24, 26, 28, 30
PX PD18	10, 12, 14	12, 14, 16, 18	N/A	N/A



Notes

- ¹ Height in feet. Specify height and shaft; see Configurations table.
- ² Note height limitations for shaft type. Heights above 22' are not available for mounting twin luminaires. Factory is available to help with loading calculations.
- ³ S4 and S46.
- ⁴ S5 and S5S7.

RAPID-SHIP PROGRAM

Antique Street Lamps recognizes the growing trend for short lead times in today's fast-paced construction industry. Our Rapid-Ship Program answers this need with a large selection of historically and transitionally styled outdoor decorative lighting products. State-of-the-art manufacturing and production processes allow for shipment in 10 business days. This latest program has wall brackets, bollards and Eurotique products, along with historical posts and luminaires.

Our selection of Rapid-Ship luminaires and other products continues to evolve. Please view the Rapid-Ship brochure or visit www.antiquestreetlamps.com to get the latest list of products included in the program. The most current Rapid-Ship brochure provides a comprehensive look at the program with a complete guide to qualifying luminaires, posts, bollards, arms and wall brackets. Also included are catalog ordering nomenclature and wind-loading information.



TERMS AND CONDITIONS

Shipping

Rapid-Ship products are complete and ready for shipment in 10 business days when the order is placed before 12:00 PM CST. Maximum quantities of 10 lighting post assemblies, wall bracket assemblies or bollards are allowed per order per customer. (For quantities greater than 10, please contact the factory prior to order entry.) Consolidated freight allowed. Expedited freight is available by request. (Customer is responsible for the difference between expedited freight cost and consolidated freight cost.) Any cancellation of released orders will result in cancellation charges. Standard warranty and terms and conditions apply.

Delivery Commitment

The Rapid-Ship Program delivery commitment is intended to include all products and options expressed in this brochure. Any additions, modifications, options or accessories outside of this brochure will receive a standard lead-time.

Anchor Bolts

All anchor bolts are pre-shipped.

RAPID-SHIP POSTS

ORDERING INFORMATION

Specifications subject to change.

Example: PX KW12 10 S4 ANBK RSP

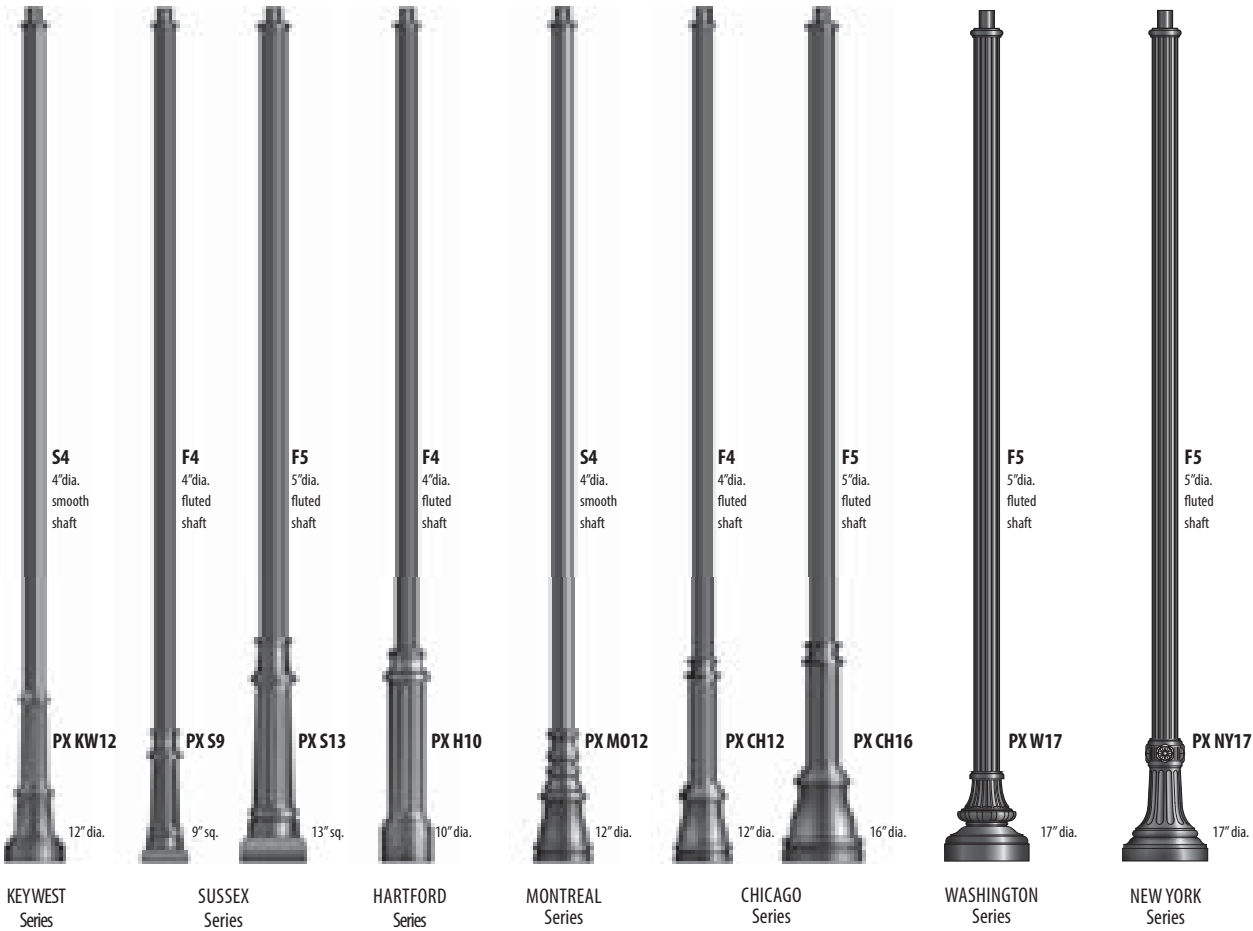
STEP 1		STEP 2		STEP 3		STEP 4		STEP 5		STEP 6
Family		Series		Height		Shafts		Finish ³		Rapid-Ship Program
PX	Post, Cast Aluminum Extruded Shaft	KW12	Key West ¹	10	10'	S4	Smooth 4" Ø ²	ANBK	Black	RSP
		S9	Sussex ¹	12	12'	F4	Fluted 4" Ø ²	ANDB	Dark Bronze	
		S13	Sussex	14	14'	F5	Fluted 5" Ø	ANDG	Dark Green	
		H10	Hartford	16	16' ²					
		M012	Montreal ¹							
		CH12	Chicago							
		CH16	Chicago							
		W17	Washington							
		NY17	New York							

Anchor Bolts
All anchor bolts are pre-shipped.

- Notes
- 1 KW12, S9, and M012 series posts only available with S4 or F4 shaft.
 - 2 F4 and S4 shafts are not available in 16' heights.
 - 3 For finish specifications, contact ASL.

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.



RAPID-SHIP LUMINAIRES

ORDERING INFORMATION

Specifications subject to change.

Example: A25 AU 150M MED ACT GR5 TBI ANBK RSP

STEP 1		STEP 2		STEP 3		STEP 4		STEP 5	
Series		Base		Wattage/Lamp ¹		Lens Material		Distribution	
HID	AT20	RGR2	E	H.I.D. Ballast and Socket Assembly		AT23, A21, A25, ATL23, AL25, LTL30, LTS30, TR25, TR30 only.		All luminaires except those shown below	
	AT23	DS4	D	AT20, A21, DS4S, DS7S & TR25 only		ACT Acrylic Clear Textured		(blank) Symmetrical Dist.	
	A21	DS7	A	Metal Halide 70M MED		RGA, RGR, DS4, DS7 only		GR5 Type 5 glass refractors	
	A25	LTS30	W	100M MED		ARF Acrylic Refractive		GR3 Type 3 glass refractors	
	P36	LTS30	AU	150M MED ¹		AT20 & P36 only		AJ19, RGA, RGR, RGAL, RGTL, RGPL only	
	RGA	TR25		High Pressure Sodium 100S MED		PCT Polycarbonate clear textured		R5 Type 5 acrylic refractive	
	RGR	TR30		150S MED ¹		DS4 & DS7 only		R3 Type 3 acrylic refractive	
LED	ATL23	RGAL		AT23, A25, P36, RGA, RGR, RGR2, LTL30, LTS30, TR30		(blank) Acrylic Refractive		DS4S & DS7S only	
	AL25	RGTL		Metal Halide 70M MED				SR5S Reflector type V	
				100M MED				AL25, ATL23, LTL30 only	
	LTL30	RGPL		150M MED				N5	
				High Pressure Sodium 100S MOG				N3 ⁵	
				150S MOG					
				LED/Driver/CCT					
				ATL23, AL25, LTL30, RGAL, RGTL, RGPL					
				32LED 525MA 4K					
				32LED 700MA 4K					
				24LED 700MA 4K					
STEP 6		STEP 7		STEP 8		STEP 9			
Voltage ²		Options		Finish ³		Rapid-Ship Program			
TB1	120 volt	FPF	Finial for RGA, RGR, RGR2, AT20, A21, AT23, A25, ATL23, AL25, LTL30 only	ANBK	Black	RSP			
TB2	208 volt	FSF	Finial for RGA, RGR, RGR2, RGAL, RGTL & RGPL only	ANDB	Dark Bronze				
TB3	240 volt			ANDG	Dark Green				
TB4	277 volt								
347	347 volt	ARV MD11 BL21	Cage for RGA, RGR or RGR2 only						
MVOLT	LED only (120-277 volt)		Photocontrol options only available with AU base						
		PER	Twist & Lock Photocontrol Receptacle ⁴						
		PE1	NEMA Twist & Lock PE 120, 208, 240V ⁴						
		PE3	NEMA Twist & Lock PE 347V ⁴						
		PE4	NEMA Twist & Lock PE 480V ⁴						
		PE7	NEMA Twist & Lock PE 277V ⁴						

Notes

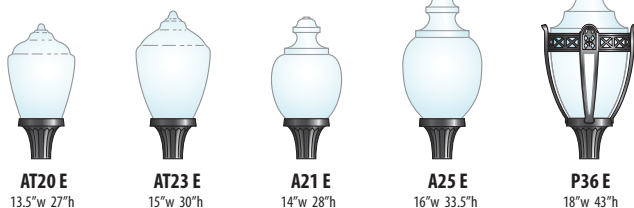
- 1 TR25 only available with 100 watt maximum ballast.
- 2 Multi-tap Ballast (120, 208, 240, 277v), (120, 277, 347v in Canada).
- 3 For finish specifications, contact ASL.
- 4 Optional photocontrols only available with the AU luminaire base.
- 5 N3 distribution is limited to the 24LED 700MA engine for the ATL23, TL25, and LTL30.

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.

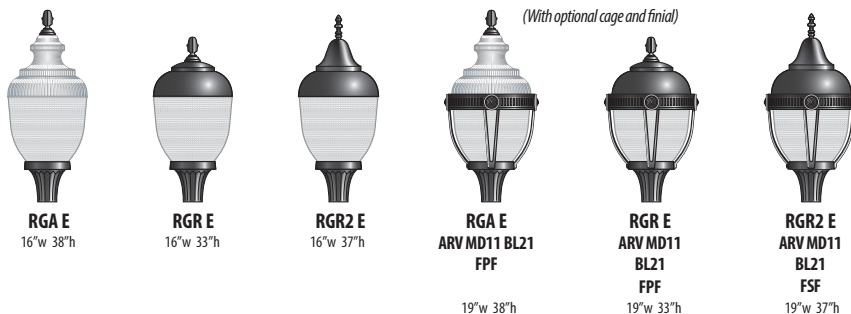
Luminaires with E Style Base

Acorn Globes

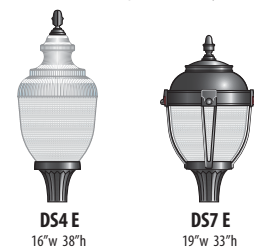


Refractive Globes

(With optional cage and finial)



Semi-Cutoff Optics (HID only)



RAPID-SHIP BOLLARDS

ORDERING INFORMATION

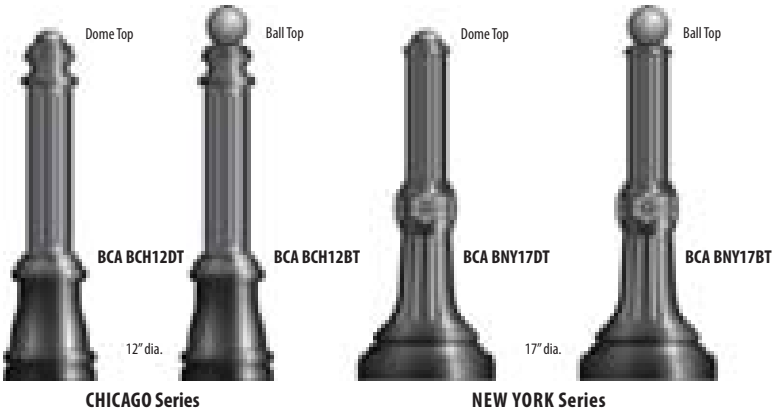
Specifications subject to change.

Example: BCA BCH12DT ANBK RSP

STEP 1		STEP 2		STEP 3		STEP 4	
Family		Series		Finish		Rapid-Ship Program	
BCA	Bollard Cast Aluminum	CHICAGO BCH12DT BCH12BT	NEW YORK BNY17DT BNY17BT	ANBK	Black	RSP	
				ANDB	Dark Bronze		
				ANDG	Dark Green		

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.



RAPID-SHIP WALL BRACKETS

ORDERING INFORMATION

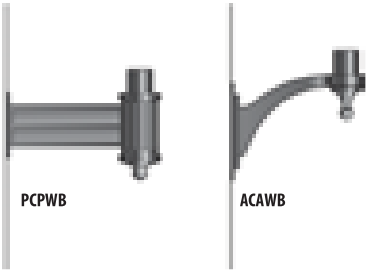
Specifications subject to change.

Example: PCPWB ANBK RSP

STEP 1		STEP 2		STEP 3	
Series		Finish		Rapid-Ship Program	
PCPWB		ANBK	Black	RSP	
ACAWB		ANDB	Dark Bronze		
		ANDG	Dark Green		

ADDITIONAL INFORMATION

For additional product information, visit www.antiquestreetlamps.com.



RAPID-SHIP EUROTIQUE ASSEMBLIES

ORDERING INFORMATION

Specifications subject to change.

Example: EPAX 16 S4 ANBK RSP

STEP 1		STEP 2		STEP 3		STEP 4		STEP 5	
Pole Series		Height		Shaft		Finish		Rapid-Ship Program	
<u>Small Assembly</u> EPAX	Eurotique pole - aluminum	16	16'	S4	Smooth 4"	ANBK	Black	RSP	
		18	18'	S5	Smooth 5"	ANDB	Dark Bronze		
		20	20'			ANDG	Dark Green		
<u>Large Assembly</u> EPAX	Eurotique pole - aluminum								

STEP 1		STEP 2		STEP 3		STEP 4	
Arm Series		Arm Options		Finish		Rapid-Ship Program	
<u>Small Assembly</u>		PER	Twist & Lock Photocontrol Receptacle	ANBK	Black	RSP	
EAL4/1	Single arm ⁴	PE1	NEMA Twist & Lock PE 120, 208, 240V	ANDB	Dark Bronze		
EAL4/2	Twin arm ⁴			ANDG	Dark Green		
<u>Large Assembly</u>		PE3	NEMA Twist & Lock PE 347V				
EAL5/1	Single arm ⁴	PE4	NEMA Twist & Lock PE 480V				
EAL5/2	Twin arm ⁴	PE7	NEMA Twist & Lock PE 277V				

STEP 1		STEP 2		STEP 3		STEP 4		STEP 5		STEP 6	
Luminaire Series		Wattage/Lamp		Lens Material		Distribution ¹		Voltage ²		Finish ³	
<u>HID</u>	<u>Small Assembly</u>	H.I.D. Ballast and Socket Assembly		GCF	Glass Clear Flat	SR3	Type III	TB1	120 volt	ANBK	Black
	EM17 RT	EPHX	50M MED					TB2	208 volt	ANDB	Dark Bronze
	EM17 ST	<u>Small Assembly</u>	70M MED					TB3	240 volt	ANDG	Dark Green
	EM17 FT	<u>Metal Halide</u>	100M MED					TB4	277 volt		
			150M MED					347	347 volt		
<u>Large Assembly</u>	EM25 RT	<u>High Pressure Sodium</u>	50S MED	STEP 7		Rapid-Ship Program					
	EM25 ST		100S MED								
	EM25 FT		150S MED								
		EPHX	250M MOG								
		<u>Large Assembly</u>	400M MOG								
		<u>Metal Halide</u>									
		<u>High Pressure Sodium</u>	150S MOG								

Anchor Bolts
All anchor bolts are pre-shipped.

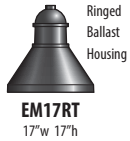
Notes

- Reflectors designed for 400M, ED28 lamp or 400S, E18 lamp.
- Multi-tap Ballast (120, 208, 240, 277v), (120, 277, 347v in Canada).
- For finish specifications, contact ASL.
- Wind loading needs to be considered when choosing an arm. Please consult Antique Street Lamps.

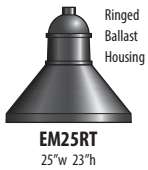
STEP 1		STEP 2		STEP 3		STEP 4		STEP 5		STEP 6	
Fixture		Base		Source & Wattage		Color Temp		Lens Option		Voltage	
<u>LED</u>	EHL16	EML17	ST	49LED 350MA		4K		GCF		MVOLT	120-277 volt
	EHL22	EML25	RT	49LED 525MA				GCSG			
	ETHL16	ETML17	FT	63LED 350MA							
	ETHL22	ETML25		63LED 525MA							
STEP 7		STEP 8		STEP 9							
Distribution		Finish		Rapid-Ship Program							
R3 R5		ANBK ANDB ANDG		RSP							

RAPID-SHIP EUROTIQUE ASSEMBLIES

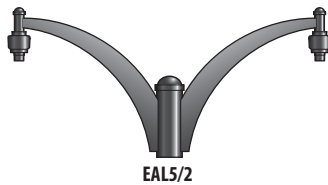
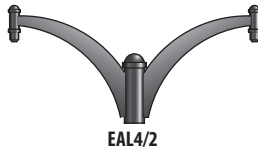
Small



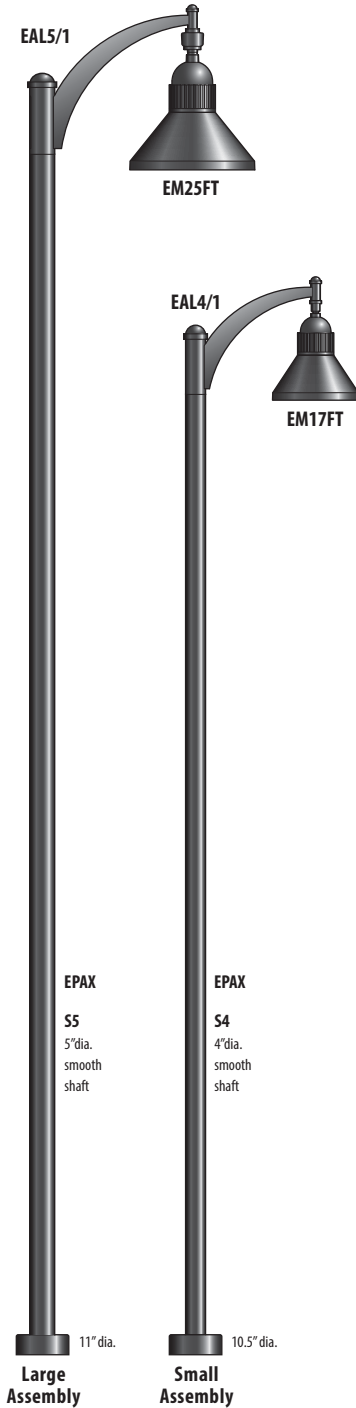
Large



MUNICH Series Luminares



Assemblies available with either a single arm or twin arm.



POST & ARMS MATRIX GUIDE

Finding the correct arm or post to go with your Luminaire selection can be quite complicated. ASL has a selection matrix to aid you in this process. Visit www.antiquestreetlamps.com to get the latest information available.

ANTIQUE STREET LAMPS

Eurotique Small Pendant Arms

Eurotique Large Pendant Arms

Arm	Wall Bracket	1 Luminaire	2 Luminaires	Relative DSP
EUROTIQUE SMALL PENDANT ARMS				
EAA4	*	*	*	L
EAB4	*	*	*	H
EAC4	*	*	*	L
EAD4	*	*	*	M
EAE4	*	*	*	M
EAF4	*	*	*	M
EAG4	*	*	*	M
EAH4	*	*	*	H
EAJ4	*	*	*	M
EAK4	*	*	*	M
EAL4	*	*	*	M
EUROTIQUE LARGE PENDANT ARMS				
EAS5	*	*	*	L
EAB5	*	*	*	H
EAC5	*	*	*	L
EAD5	*	*	*	M
EAE5	*	*	*	M
EAF5	*	*	*	M
EAG5	*	*	*	M
EAH5	*	*	*	H
EAJ5	*	*	*	M
EAK5	*	*	*	M
EAL5	*	*	*	M

ANTIQUE STREET LAMPS

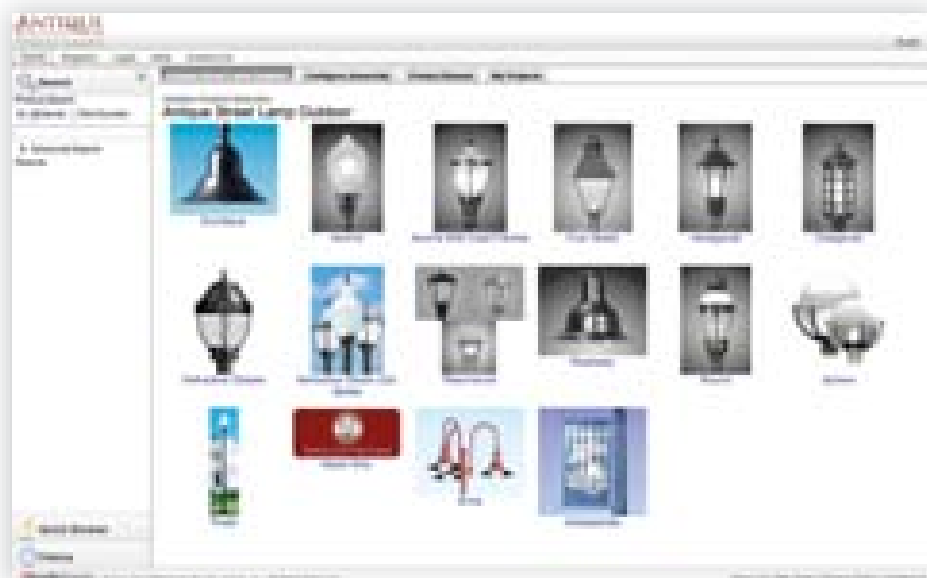
Cast Iron Lighting Posts

Series	Family	Base Dia.	All Cast	Cast Base with Steel Shaft	Bolt Circle	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'	21'	22'	23'	Relative DSP
CAST IRON LIGHTING POSTS																									
BANGOR	PI B16	16" Oct.	*		12"			*	*																L
BANGOR	PI B20	20" Oct.	*		15"					*															M
CAPITOL	PI C17	17" Rd	*		12"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M
CAPITOL	PI C20	20" Rd	*		15"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	H
CAPITOL	PI C24	24" Rd	*		17"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	H
CAPITOL	PZ C17	17" Rd		*	12"												*	*	*	*	*	*	*	*	M
CAPITOL	PZ C20	20" Rd		*	15"								*	*	*	*	*	*	*	*	*	*	*	*	M
CAPITOL	PZ C24	24" Rd		*	17"								*	*	*	*	*	*	*	*	*	*	*	*	H
CENTRAL PARK	PI CP18	18.5" Rd	*		13"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	L
CENTRAL PARK	PI CP20	20" Rd	*		15"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M
CENTRAL PARK	PI CP18	18.5" Rd	*		13"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M
DEERFIELD	PI DF20	20" Rd	*		12"					*															H
DETROIT	PI D15	15" Rd	*		10"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	L
DETROIT	PZ D15	15" Rd		*	10"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	L
FORT WORTH	PI FW18	18" Sq	*		15"		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M
FORT WORTH	PI FW22	22" Sq	*		19"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	H
FORT WORTH	PZ FW18	18" Sq		*	15"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M
FORT WORTH	PZ FW22	22" Sq		*	19"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	H
FRANKFORD	PI FF16	16" Sq	*		16"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	L
HARTFORD	PI H16	16" Rd	*		11"					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M
NEW YORK	PI NY17	17" Rd	*		12"		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	L

ASL-1012 6/13

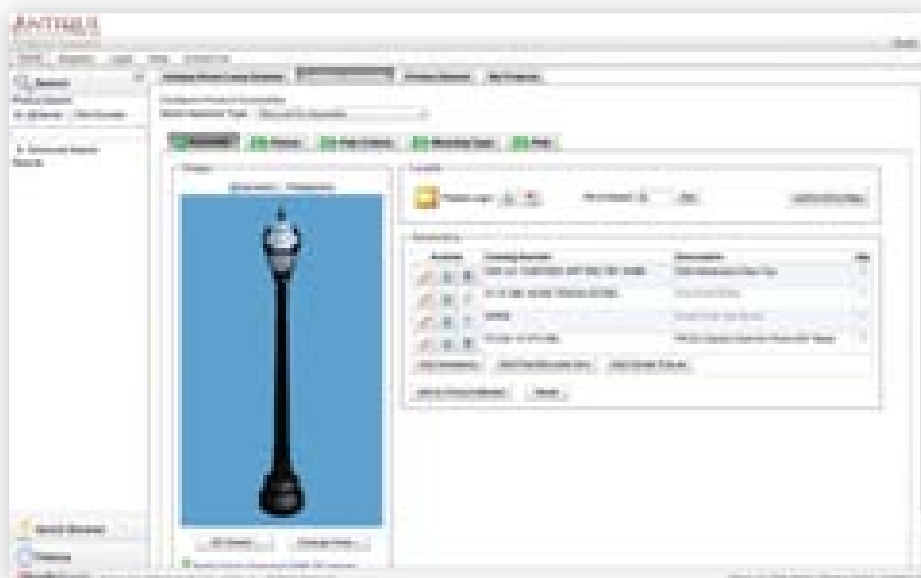
ENVISION

Antique Street Lamps provides you a powerful tool for configuring your ASL products and assemblies. The ASL "Envision" tool allows you to create customized assemblies consisting of luminaire, post, arm and accessories. Envision supports the ease of doing business with ASL, including generation of valid nomenclature and access to streamlined pricing via Agile, wind-load validation, and tools to assist in bid preparations.



Once created, your Envision assembly can be previewed as a 3D rendering, and can even add an application photo to the background, to assist in preparing your bid. A custom cut sheet of your assembly is generated to further complete the bid package.

Configurations can be saved, copied and even shared as a standalone assembly or collection of assemblies within a project. To access the new ASL Envision tool today, simply visit www.antiquestreetlamps.com.





HYDREL®

For more than 45 years Hydrel has been setting standards for lighting architecture and landscape. Today, as our industry is transforming, we embrace this change by incorporating the most advanced light engine and control technologies, combined with innovative design and rigorous engineering methods that have always defined our brand. Our product focus encompasses: underwater, in-grade, landscape, floodlighting, bollard and canopy luminaires.

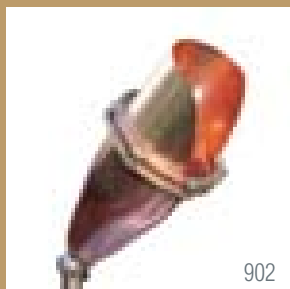
Design creativity combined with Hydrel's rugged construction, high quality and performance-driven products, achieve the optimal manifestation of the designer's vision.



852



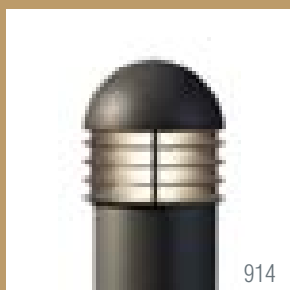
874



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M9400

Monochromatic LED



Intended Use

Hydrel's M9400 series modular in-grade lights are multi-purpose units designed for uplighting architectural and landscape features.

Features

- Ideal for replacement of 50 watt HID
- Cast aluminum, cast bronze or stainless steel door on an injection molded polymer housing
- Flow-through modular in-grade with fully sealed electrical components

- 7 different distributions available
- 15° aiming available on the double lens models, optical 'tilt' lenses (10° or 20°) available on the single lens models
- Lamp modules are sealed and purged of all moisture to 100°F
- 12 watt LED, MVOLT electrical driver encapsulated in a composite resin, LDIM 0-10 volt dimming available
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL, IP68.

ORDERING INFORMATION

Specifications subject to change.

Example: M9410 A 12LED WHT53K MVOLT SP CLC 12B IHL LP BL

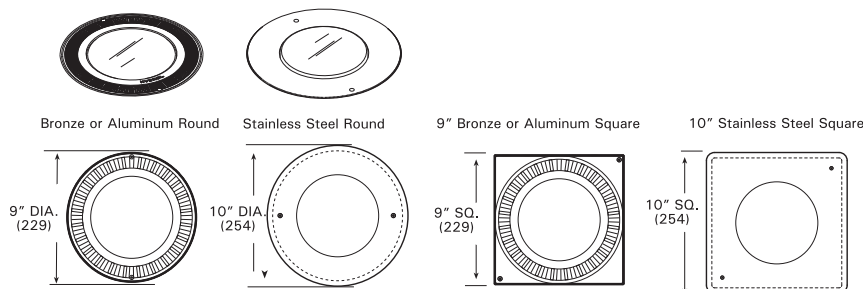
Series ⁷	Material	Lamp type	LED color	Voltage	Distribution
M9410 Round single lens	A Aluminum	12LED	WHT30K 3000K	MVOLT	SP Spot
M9420 Round double lens	B Bronze		WHT41K 4100K		NFL Narrow flood
M9430 Square single lens	SS Stainless steel		WHT53K 5300K		MFL Medium flood
M9440 Square double lens			AMB Amber		FL Flood
			BLU Blue		WFL Wide flood
			GRN Green		VWFL Very wide flood
			RED Red		LSD Linear spread distribution

Lens ⁶	Conduit entry	Options	Lamped	Finish ⁴
CLC Convex lens clear	12B 1/2" NPT bottom	Dimming	LP LED array installed	BL Black
CLF Convex lens frosted	12S 1/2" NPT side	LDIM 0-10 volt dimming		BZ Bronze
FLC Flat lens clear	34B 3/4" NPT bottom ⁵	Internal accessories ¹		DDB Dark bronze
FLC10 Flat lens clear, 10° tilt	34S 3/4" NPT side	IHL Internal honeycomb louver		DNA Natural aluminum
FLC20 Flat lens clear, 20° tilt		LSF Linear spread filter ²		GN Green
FLCSR Flat lens, slip resistant		External accessories ^{1,3}		GR Gray
FLCAS Flat lens clear, anti-slip		GS Glare shield		SND Sand
FLF Flat lens frosted		LC Lexan cover		STG Steel gray
		RG Rock guard ²		TVG Terra verde green
				WH White
				CF Custom finish

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Accessories are mutually exclusive; only RG and GS can be ordered together.
- Not available with CLC or CLF convex lens.
- Accessory not available with SS door material.
- Finish only available with aluminum material.
- Default conduit entry.
- Specify top lens. Bottom lens is FLC format.
- For lens load ratings and slip resistance, see page 857.

Intended Use

The M9400 Series modular in-grade lights are multi-purpose units designed for flush mounting in a variety of substrates or materials. The M9400 fixtures are used to uplight architectural and landscape features.

Features

- Cast aluminum, cast bronze or stainless steel door on an injection molded polymer housing
- Flow-through modular in-grade with fully sealed electrical components
- 10 different distributions available, distributions depend on lamp source

- 15° aiming available on the double lens models, optical tilt lenses (10° or 20°) available on the single lens models
- Lamp modules are sealed and purged of all moisture to 100°F
- 35-75 watt MR16, 18-32TRT fluorescent, 35-70 watt HID
- 12 -347 volt, MVOLT ballasts or transformers encapsulated in a composite resin to eliminate water
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL, IP68, CE, NEMKO.

M9400

**ORDERING INFORMATION**

Specifications subject to change.

Example: M9420 B 70CMT6 MVOLT NSP FLC 34B ISS RG GEB LP

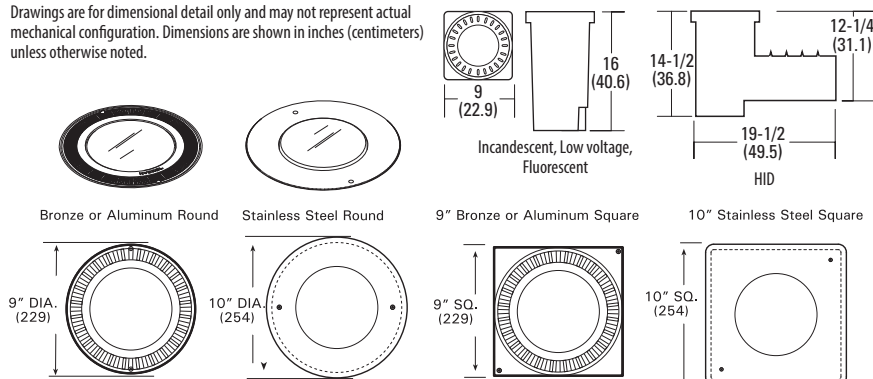
Series ¹⁷		Material	Lamp type	Voltage	Distribution ⁴	Lens
M9410	Round single lens	A Aluminum	<u>Low voltage</u> ¹ P3075I	12 ²	VNSP	CLC Convex lens clear
M9420	Round double lens	B Bronze	M35 100Q	120	NSP	CLF Convex lens frosted
M9430	Square single lens	SS Stainless steel	M50 <u>Fluorescent</u> ⁵	208	SP	FLC Flat lens clear
M9440	Square double lens		M75 18TRT	277	MFL	FLC5 Flat lens clear, 5° axial spread
			P3650ILV 26TRT	347	NFL	FLC10 Flat lens clear, 10° tilt
			P3675ILV 32TRT		FL	FLC20 Flat lens clear, 20° tilt
			<u>Incandescent</u> ² <u>Ceramic metal</u>		WFL	FLCSR Flat lens, slip resistant
			P1675I <u>halide</u>		VWFL	FLCAS Flat lens clear, anti-slip
			P2050I 35CMT4 ^{6, 15}		WWD	FLF Flat lens frosted
			35CMT6 ⁶		ASY	

Conduit entry	Options	Lamped	Finish ¹⁴
12B 1/2" NPT bottom	<u>Internal accessories</u> ⁹	LP Lamp installed	BL Black
12S 1/2" NPT side	IHL Internal honeycomb louver		BZ Bronze
34B 3/4" NPT bottom ¹⁶	ISS Source shield ⁸		DDB Dark bronze
34S 3/4" NPT side	LSF Linear spread filter		DNA Natural aluminum
	CFAMB Color filter amber		GN Green
	CFBLU Color filter blue		GR Gray
	CFGRN Color filter green		SND Sand
	CFRED Color filter red		
	WWL Wall wash louver ⁸		
	<u>External accessories</u> ⁹		
	GS Glare shield		
	LC Honeycomb louver		
	RG Honeycomb louver ¹⁰		
	<u>Trims</u> ¹		
	BTR Bronze round		
	BTS Bronze square		
	STR Stainless round		
	STS Stainless square		
	<u>Fusing</u>		
	SF Single fuse ¹¹		
	DF Double fuse ¹²		
	<u>Ballasts</u> ¹³		
	GEB Electronic ballast		

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 If 12V is selected, transformer will not be provided.
- 2 Only available in 120V.
- 3 MVOLT is only available with fluorescent and metal halide lamps with electronic ballasts.
- 4 All distributions not available with all lamp types.
- 5 Available distributions are MFL, WWD and ASY.
- 6 Available distributions are NSP and MFL for T6; NSP, MFL and WWD for T4.
- 7 Not available with PAR, MR or fluorescent lamps.
- 8 Only valid with WWD distribution.
- 9 Accessories are mutually exclusive. Only RG and GS can be ordered together.
- 10 RG is not valid with CLC or CLF lenses.
- 11 SF available with 120V, 277V or 347V and HID only.
- 12 DF available with 208V, 220V or 240V and HID only.
- 13 Only available with metal halide lamps and MVOLT voltage.
- 14 Finish only available on aluminum doors.
- 15 Lamps available with GEB electronic MVOLT only.
- 16 Default conduit entry.
- 17 For lens load ratings, slip resistance and temperatures, see page 857.

PRODUCT INFORMATION

M9700

Monochromatic LED
Dynamic RGBVisit www.hydrel.com for color changing LED specifications.

Intended Use

Hydrel's M9700 series modular in-grade lights are multi-purpose units designed for uplighting of architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials.

Features

- Ideal for replacement of 100 watt HID
- Available in monochromatic white, red, green, blue and amber and DMX512 RGB mixing
- Cast aluminum, cast bronze or stainless steel door on an injection molded polymer housing

- Flow-through modular in-grade with fully sealed electrical components
- 7 different distributions available; Lamp modules are sealed and purged of all moisture to 100°F
- 15° aiming available on the double lens models, optical tilt lenses (10° or 20°) available on the single lens models
- 19 watt LED, MVOLT electrical driver encapsulated in a composite resin, LDIM 0-10 volt dimming available
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL, IP68.

ORDERING INFORMATION

Specifications subject to change.

Example: M9710 A 18LED AMB MVOLT SP FLC 34B IHL LP BL

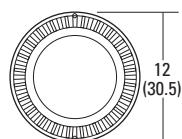
Series ⁹		Material		Lamp type	LED color	Voltage	Distribution		Lens		Conduit entry	
M9710	Round single lens	A	Aluminum	18LED	WHT30K 3000K	120 ⁶	SP	Spot	FLC	Flat lens clear	12B	1/2" NPT bottom
M9720	Round double lens	B	Bronze		WHT41K 4100K	MVOLT	NFL	Narrow flood	FLC10	Flat lens clear, 10° tilt	12S	1/2" NPT side
M9730	Square single lens	SS	Stainless steel		WHT53K 5300K		MFL	Medium flood	FLC20	Flat lens clear, 20° tilt	34B	3/4" NPT bottom ⁶
M9740	Square double lense				AMB Amber		FL	Flood	FLF	Flat lens frosted	34S	3/4" NPT side
					BLU Blue		WFL	Wide flood	FLCAS	Flat lens clear, anti-slip		
					GRN Green		VWFL	Very wide flood	FLCSR	Flat lens, slip resistant		
					RED Red		LSD	Linear spread distribution	CLC	Convex lens clear		
					RGB Mixing				CLF	Convex lens frosted		

Control		Channel	Options ¹		Lamped		Finish ⁴	
RGB LED only		RGB LED only	Internal accessories ²		Trims ^{2,4}			
3DMX	3-Channel DMX512	ST_ Static ⁷	IHL	Internal honeycomb louver	BTR	Bronze trim round	BL	Black
4DMX	4-Channel DMX512	SQ_ Sequential ⁸	LSF	Linear spread filter	BTS	Bronze trim square	BZ	Bronze
			External accessories ^{2,3,4}		STS	Stainless trim round	DDB	Dark bronze
			GS	Glare shield	STS	Stainless trim square	DNA	Natural aluminum
			LC	Polycarbonate protective cover	Dimming		GN	Green
			RG	Rock guard	LDIM 0-10 volt dimming		GR	Gray
							SND	Sand

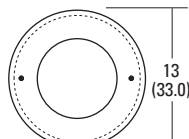
ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

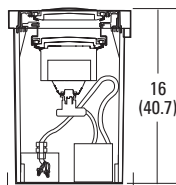
Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters) unless otherwise noted.



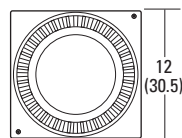
12" Bronze or Aluminum Round



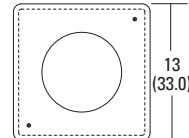
13" Stainless Steel Round



LED rough-in housing



12" Bronze or Aluminum Square



13" Stainless Steel Square

Notes

- Accessories are mutually exclusive; choose one only.
- Not available with CLC or CLF convex lens.
- Accessory not available on "SS" door material.
- Finish only available on aluminum door material.
- Dimming available with 120V only.
- Default conduit entry.
- Static channels-all fixtures will be programmed with the same set of numbers, specify starting#.
- Sequential channels-fixtures will be programmed with individual numbers specify starting#.
- For lens load ratings and slip resistance, see page 857.

Intended Use

Hydrel's M9700 series modular in-grade lights are multi-purpose units designed for uplighting of architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials.

Features

- Cast aluminum, cast bronze or stainless steel door on an injection molded polymer housing
- Flow-through modular in-grade with fully sealed electrical components
- 7 different distributions available; Lamp modules are sealed and purged of all moisture to 100°F

- 15° aiming available on the double lens models, optical tilt lenses (10° or 20°) available on the single lens models
- 50 - 150 watt HID, 18-42 watt TRT, 100 - 250 watt incandescent
- Ballasts are high power factor or magnetic for HID, electronic only for fluorescent; encapsulated in a composite resin to eliminate water
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL, IP68, CE, NEMKO.

M9700

**ORDERING INFORMATION**

Specifications subject to change.

Example: M9710 B 150CMT6 120 NSP FLC 34B ISS GS LP

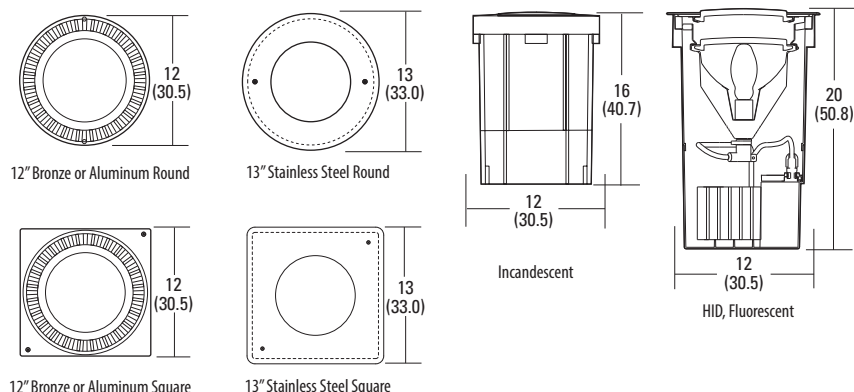
Series ¹⁷		Material		Lamp type				Voltage		Distribution	
M9710	Round single lens	A	Aluminum	Incandescent ¹³	Fluorescent	Metal halide	Ceramic metal	High pressure	120	NSP	Narrow spot ¹⁴
M9720	Round double double lens	B	Stainless	P3883I	18TRT	70M	halide	sodium	208	SP	Spot ¹⁵
M9730	Square single lens	SS	Stainless	P38150I	26TRT	100M	70CMT6	50S	240	NFL	Narrow flood
M9740	Square double lens		steele	P38250I	32TRT	150M	150CMT6	70S	277	MFL	Medium flood
				100Q	42TRT	P3870M	70CM	100S	347	FL	Flood ¹⁶
				150Q		P38100M	100CM	150S	MVOLT ¹	WFL	Wide flood ¹⁵
				250Q		P38150M	150CM			WWD	Wall wash distribution ²

Lens		Conduit entry		Options						Lamped		Finish ¹²				
FLC	Flat lens clear	12B	1/2" NPT bottom	<u>Internal accessories</u> ⁵		LS	Light shield	<u>Rings and masks</u>		LP	Lamp installed	BL	Black	STG	Steel gray	
FLC5	Flat lens clear 5° spread	12S	1/2" NPT side	IHL	Internal honeycomb louver	RG	Rock guard	PRR	Protective ring round			BZ	Bronze	TVG	Terra verde green	
FLC10	Flat lens clear 10° tilt	34B	3/4" NPT bottom ⁸	ISS	Internal source shield ³	BTR	Bronze trim round	PRS	Protective ring square			DDB	Dark bronze	WH	White	
		34S	3/4" NPT side									LSF	Linear spread filter	DNA	Natural aluminum	CF
FLC20	Flat lens clear 20° tilt			CFAMB	Color filter amber	BTS	Bronze trim square	GM	Grout mask			GN	Green			
FLF	Flat lens frosted			CFBLU	Color filter blue			<u>Fusing</u>				GR	Gray			
FLF5	Flat lens frosted 5° spread			CFRED	Color filter red	STR	Stainless trim round	SF	Single fuse ⁹			SND	Sand			
FLCAS	Flat lens clear anti-slip			WWL	Wall wash louver ⁴	STS	Stainless trim square	DF	Double fuse ¹⁰							
				<u>External accessories</u> ^{5, 6}				<u>Ballast</u> ¹¹								
				GS	Glare shield			GEB	Electronic ballast							
FLCSR	Flat lens slip resistant			LC	Polycarbonate protective cover ⁷											
CLC	Convex lens clear															
FLF	Flat lens frosted															

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Standard on fluorescent and metal halide lamps with electronic ballast option.
- FLF5 lens recommended for 70W HID and lower. FLC5 lens recommended for 100W HID and higher with WWD distribution.
- ISS not available with PAR or fluorescent lamps, or WWD distribution.
- Not available with PAR lamps.
- Accessories are mutually exclusive. Choose one.
- Not available with SS material.
- LC not available for M9710, M9730.
- Default conduit entry.
- SF available with 120V, 277V or 347V
- HID only.
- DF available with 208V, 220V or 240V HID only.
- Available with MVOLT (120V-277V) voltage only for metal halide lamps to 150W maximum.
- Finish only available on aluminum doors.
- Incandescent models available with 120V only.
- NSP only available with T4 or T6 lamps.
- Not available with T6 lamps.
- Only available with PAR lamps.
- For lens load ratings, slip resistance and temperatures, see page 857.

M9800

Monochromatic LED Dynamic RGB



Visit www.hydrel.com for color changing LED specifications.

Intended Use

The M9800 Series modular in-grade LED fixture is a multi-purpose unit designed for uplighting architectural and landscape features. These units can be flush mounted into a variety of substrates or landscape materials.

Features

- Ideal for replacement of 250 watt HID
- Available in monochromatic white, red, green, blue and amber and DMX512 RGB mixing
- Cast aluminum or cast bronze door on an injection molded polymer housing
- Flow-through modular in-grade with fully sealed electrical components

- 7 different distributions available; Lamp modules are sealed and purged of all moisture to 100°F
- 15° aiming available on the double lens models, optical tilt lenses (10° or 20°) available on the single lens models
- 84 watt LED, MVOLT electrical driver encapsulated in a composite resin, LDIM 0-10 volt dimming available
- Suitable for mounting in concrete or organic substrates

Listings

- CSA, CSAus, IP68.

ORDERING INFORMATION

Specifications subject to change.

Example: M9820 A LED WHT30K MVOLT SP FLC 34B LP

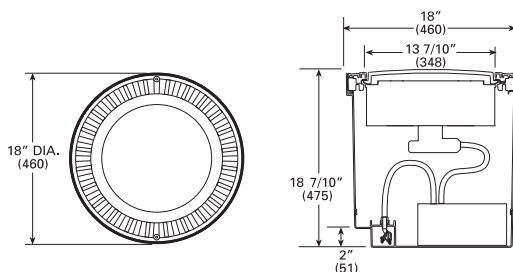
Series ⁸	Material	Lamp type	LED Color	Voltage	Distribution	Lens	Conduit entry
M9810 Round single lens	A Aluminum	LED	WHT30K 3000K	MVOLT	SP Spot	FLC Flat lens clear	34B 3/4" NPT bottom
M9820 Round double lens	B Bronze		WHT41K 4100K		NFL Narrow flood	FLC5 5° axial spread	
			WHT53K 5300K		MFL Medium flood	FLC10 Flat lens clear, 10° tilt	
			AMB Amber		FL Flood	FLC20 Flat lens clear, 20° tilt	
			BLU Blue		WFL Wide flood		
			GRN Green		VWFL Very wide flood		
			RED Red		LSD Linear spread distribution		
			RGB Mixing				

Control	Channel	Options	Lamped	Finish ⁷
<u>RGB only</u>	<u>RGB LED only</u>	<u>Internal accessories</u>	LP Lamp installed	BL Black
3DMX 3-Channel DMX512 ³	ST_ Static ⁵	IHL Internal honeycomb louver		BZ Bronze
4DMX 4-Channel DMX512 ⁴	SQ_ Sequential ⁶	<u>External</u> ¹		DDB Dark bronze
		GS Glare shield		DNA Natural aluminum
		RG Rock guard		GN Green
		<u>Trim Ring</u>		GR Gray
		BTR Bronze trim ring		
		<u>Dimming</u>		
		LDIM 0-10 volt dimming ²		

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.



Notes

- 1 Mutually exclusive-choose only one.
- 2 Not available with RGB.
- 3 3DMX= Red, Green, Blue.
- 4 4DMX= Red, Green, Blue and Intensity.
- 5 Static channels-all fixtures will be programmed with the same set of numbers, specify starting number.
- 6 Sequential channels-fixtures will be programmed with individual numbers, specify starting number.
- 7 Finish only available on aluminum door.
- 8 For lens load ratings and slip resistance, see page 857.

Intended Use

The M9800 Series modular in-grade lights are multi-purpose units designed for flush mounting in soil or concrete. The units consist of a factorysealed, thermally protected lamp module and epoxy encapsulated power module placed in a secured rough-insection (RIS) which includes channeled convective cooling, an integral junction box and door assembly.

Features

- Cast aluminum or cast bronze door on an injection molded polymer housing
- Flow-through modular in-grade with fully sealed electrical components

- 3 different distributions available; Lamp modules are sealed and purged of all moisture to 100°F
- 15° aiming available on the double lens models, optical tilt lenses (10° or 20°) available on the single lens models
- 200 - 400 watt HID ballasts encapsulated in a composite resin; SCWA to meet EISA regulations
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL, IP68, CE, NEMKO, IP68.

M9800

**ORDERING INFORMATION**

Specifications subject to change.

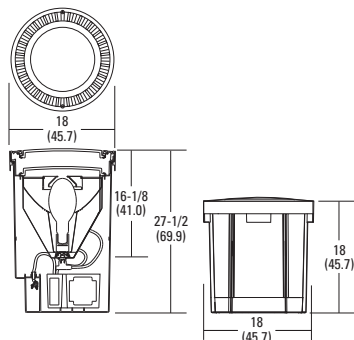
Example: M9820 A 400M 277 SP FLC 34B ISS SF LP BZ

Series ¹¹		Material		Lamp type				Voltage	Distribution		Lens	
M9820	Round double lens	A	Aluminum	<u>Metal halide</u>		<u>High pressure sodium</u>		120	SP	Spot	FLC	Flat lens clear ³
		B	Bronze	200M	E28, mogul	250ST	E18, mogul	208	MFL	Medium flood	FLC5	5° axial spread
				250M	E28, mogul	400ST	E18, mogul	277	WWD	Wall wash distribution	FLC10	Flat lens clear, 10° tilt ²
				250MX	E28, mogul ¹			240			FLC20	Flat lens clear, 20° tilt ²
				320M	E28, mogul			347				
				400M	E37, mogul							
Conduit entry		Options				Lamped		Finish ¹⁰				
1B	1" NPT bottom	<u>Internal accessories</u> ⁶			<u>Trim Ring</u>		LP	Lamp installed	BL	Black	SND	Sand
12B	1/2" NPT bottom	ISS	Internal source shield ⁵		BTR	Bronze trim ring			BZ	Bronze	STG	Steel gray
12S	1/2" NPT side	IHL	Internal honeycomb louver		<u>Fusing</u>				DDB	Dark bronze	TVG	Terra verde green
34B	3/4" NPT bottom ⁴	WWL	Wall wash louver		SF	Single fuse ⁷			DNA	Natural aluminum	WH	White
34S	3/4" NPT side	<u>External accesories</u> ⁶			DF	Double fuse ⁸			GN	Green	CF	Custom finish
		GS	Glare shield		<u>Ballast</u>				GR	Gray		
		RG	Rock guard		SCWA	Super constant wattage ballast ⁹						

ADDITIONAL INFORMATION

For additional product information, visit www.hydreel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

**Notes**

- 1 250MX meets CA Title 24.
- 2 Special order lens, consult factory.
- 3 FLC will be used if lens is not chosen except for WWD distribution, then FLC5 will be used.
- 4 Default conduit entry.
- 5 Not available with WWD distribution.
- 6 Mutually exclusive; choose only one.
- 7 SF is only available with 120V, 277V or 347V on HID only.
- 8 DF is only available with 208V, 220V or 240V on HID only.
- 9 Standard on all metal halide lamps.
- 10 Paint finish only available on aluminum doors.
- 11 For lens load ratings, slip resistance and temperatures, see page 857.

M9000

Accessories and Door Material

Installation Accessories



BTR Bronze trim ring



STR Stainless trim ring
(not available on M9800)

Safety Accessories



RG Rock guard, bronze or aluminum



LC Polycarbonate protective cover

Light Control Accessories



GS Glare shield, bronze or aluminum



IHL Internal honeycomb louver



WWL Wall wash louver



ISS Internal source shield



FLC5 5° Axial spread lens



FLC10 10° Tilt lens

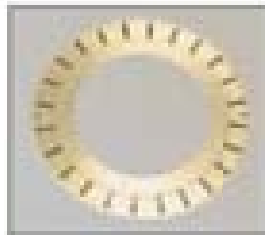


FLC20 20° Tilt lens

Door Material Options



A Aluminum door



B Bronze door



SS Stainless steel door
(not available on M9800)

LENS

Load Ratings, Slip Resistance and Lens Temperatures

SLIP RESISTANCE AND LOAD RATING																	
M9400						M9700						M9800					
MAXIMUM LOAD RATING						MAXIMUM LOAD RATING						MAXIMUM LOAD RATING					
Peak compression force of 7,700 lbs. (single lens) or 2,550 lbs. (double lens).						Peak compression force of 3,750 lbs. (single lens) or 3,200 lbs. (double lens).						Peak compression force of 3,950 lbs. (double lens).					
LENS STATIC COEFFICIENT OF FRICTION						LENS STATIC COEFFICIENT OF FRICTION						LENS STATIC COEFFICIENT OF FRICTION					
M9400 Anti-Slip Lens (FLCAS): Dry = 0.76; Wet = 0.10						M9700 Anti-Slip Lens (FLCAS): Dry = 0.76; Wet = 0.10						M9800 Anti-Slip Lens (FLCAS): Dry = 0.76; Wet = 0.10					
M9400 Slip Resistant Lens (FLSR): Dry = 0.84; Wet = 0.65						M9700 Slip Resistant Lens (FLSR): Dry = 0.84; Wet = 0.65						M9800 Slip Resistant Lens (FLSR): Dry = 0.84; Wet = 0.65					

The M9000 Series offers reduced lens surface temperatures through the use of thermal isolation and patented convective cooling technologies. As with the use of all luminaires in pedestrian areas, Hydrel recommends that proper care be taken in the selection of luminaire location, lamp wattage and distribution in order to minimize pedestrian risk.

M9800 LENS SURFACE TEMPERATURE ²							M9400 LENS SURFACE TEMPERATURE ²									
250W E28 MH		400W E37 MH			LED		20W T4 MH		35W T6 MH		70W T6 MH		75W MR16	70W PAR30 MH	12 LED	
SP	MFL	NSP	SP w/ISS	MFL	ALL		NSP	MFL	NSP	MFL	NSP	MFL	NFL	SP	ALL	
DOUBLE LENS	49°C	46°C	54°C	53°C	75°C	38°C	SINGLE LENS	69°C	66°C	82°C	89°C	117°C	119°C	107°C	120°C	38°C
							DOUBLE LENS	49°C	46°C	54°C	53°C	75°C	73°C	70°C	82°C	38°C
							% DECREASE	28%	30%	34%	40%	36%	39%	35%	32%	NA

M9700 LENS SURFACE TEMPERATURE²																
	100W E17 MH			150W T6 MH			150W E17 MH			32 W TRT		70W T6 MH			18 LED	250W PAR38 INCAN
	SP	NFL	WFL	SP	NSP	MFL	SP	MFL	WFL	SP	MFL	SP	MFL	WFL	ALL	FL
SINGLE LENS	114°C	94°C	112°C	119°C	129°C	153°C	107°C	120°C	107°C	69°C	68°C	89°C	104°C	98°C	38°C	NA
DOUBLE LENS	70°C	85°C	75°C	73°C	93°C	139°C	70°C	82°C	90°C	43°C	44°C	55°C	97°C	65°C	38°C	89°C
% DECREASE	38%	10%	33%	38%	28%	39%	35%	32%	16%	38%	35%	38%	7%	34%	NA	NA

PDX Series

SLIP RESISTANCE AND LOAD RATING																	
PDX4						PDX7						PDX10					
MAXIMUM LOAD RATING						MAXIMUM LOAD RATING						MAXIMUM LOAD RATING					
Peak compression force of 2,048 lbs.						Peak compression force of 2,847 lbs.						Peak Compression Force of 4,944 lbs.					
LENS COEFFICIENT OF FRICTION¹						LENS COEFFICIENT OF FRICTION¹						LENS COEFFICIENT OF FRICTION¹					
PDX4 Anti-Slip Lens (FLCAS): Dry = 0.78; Wet = 0.30						PDX7 Anti-Slip Lens (FLCAS): Dry = 0.76; Wet = 0.20						PDX10 Anti-Slip Lens (FLCAS): Dry = 0.76; Wet = 0.20					
PDX4 Slip Resistant Lens (FLSR): Dry = 0.68; Wet = 0.59						PDX7 Slip Resistant Lens (FLSR): Dry = 0.84; Wet = 0.65						PDX10 Slip Resistant Lens (FLSR): Dry = 0.84; Wet = 0.65					

The Paradox™ Architectural In-grade Cool Lens model (PDX7CL & PDX10CL) utilizes a combination brass top ring, heat sink, and reflective secondary IR lens filter to reduce heat by 30% when necessary. As with the use of all luminaires in pedestrian areas, Hydrel recommends that the proper care be taken in the selection of luminaire location, lamp wattage and distribution, in order to minimize pedestrian risk.

PDX4 LENS SURFACE TEMPERATURE ³													
	20W MR16			35W MR16			50W MR16			20W MR11	35W MR11	9W LED	
	SP	NSP	FL	SP	NSP	FL	SP	NSP	FL	NFL	SP	SP	MFL
PDX4 LENS	79.5°C	77.5°C	81°C	122.8°C	119°C	123°C	134°C	131°C	148°C	87°C	113°C	33°C	35°C

PDX7 LENS SURFACE TEMPERATURE ³																	
20W T4 MH			35W T4 MH			70W T4 MH			36 W T6 MH			70W T6 MH			70W PAR30 MH	12 LED	75W MR16
NSP	SP	MFL	NSP	SP	MFL	NSP	SP	MFL	NSP	SP	MFL	NSP	SP	MFL	SP	ALL	MFL
PDX7 LENS	70°C	75°C	71°C	95°C	112°C	94°C	133°C	152°C	125°C	95°C	90°C	92°C	129°C	123°C	119°C	125°C	106°C
PDX7CL LENS	43°C	44°C	44°C	53°C	55°C	57°C	73°C	69°C	66°C	52°C	47.8°C	50°C	63°C	62°C	67°C	62°C	53°C
% DECREASE	39%	42%	38%	44%	51%	39%	45%	55%	47%	45%	47%	46%	51%	50%	44%	50%	50%

PDX10 LENS SURFACE TEMPERATURE ³																	
70W T6 MH			150W T6 MH			100W E17 MH			150W E17 MH			18 LED	150W E17 HPS			42W TRT FLUOR	
SP	NFL	FL	SP	NFL	FL	SP	NFL	FL	SP	NFL	FL	ALL	SP	NFL	FL	SP	NFL
PDX10 LENS	79°C	83°C	86°C	99°C	105°C	108°C	95°C	115°C	114°C	115°C	148°C	143°C	38°C	113°C	138°C	139°C	70°C
PDX10CL LENS	51°C	55°C	55°C	60°C	77°C	72°C	60°C	76°C	75°C	68°C	88°C	92°C	38°C	75°C	75°C	83°C	43°C
% DECREASE	35%	33%	36%	39%	27%	33%	37%	34%	34%	41%	40%	36%	NA	34%	46%	40%	39%

Notes

- Per Ceramic Tile Institute: Coefficient of friction values greater than 0.6 are considered slip resistant. Coefficient of friction values between 0.50 to 0.60 are conditionally slip resistant. Coefficient of friction values less than 0.50 are questionable.
- Test performed by: SGS U.S. Testing Company Inc. Tested in accordance with ISO/ICE 17025.
- Test performed by: Spec Testing, Inc. Tested in accordance with ISO/ICE 17025.

PDX4

Paradox™ 4" Architectural In-Grade Monochromatic LED



Intended Use

Hydrel's Paradox Series sealed modular in-grade luminaires are multi-purpose units designed for uplighting architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials, and are ideal when aperture size or luminaire depth is a priority.

Features

- Ideal for replacement of 20 - 35 watt HID
- Die-cast bronze or stainless steel door on an injection molded thermoplastic UV stabilized housing

- 2 different distributions available
- Aiming available on the PDX4 using the TKO accessory
- 9 watt monochromatic LED, electronic drivers
- Suitable for mounting in concrete or organic substrates, IC rated for indoor applications as well

Features

CSAus., CSA, IP68.

ORDERING INFORMATION

Specifications subject to change.

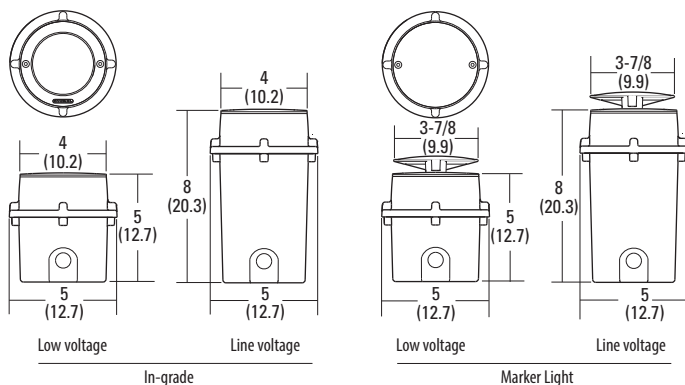
Example: PDX4 B 9LED WHT41K MVOLT SP FLC 12S TKO LPI

Series ¹	Material	Lamp type	LED color	Voltage	Distribution	Lens	Conduit entry	Options	Lamped
PDX4 In-grade	SS Stainless steel	9LED	WHT30K 3000K	12 ²	PDX4	FLC Flat lens clear	12S Two 1/2" NPT side (standard)	<u>Internal</u>	LPI LED array included
PDX4ML Marker light	BSS Brushed stainless steel ¹		WHT41K 4100K	MVOLT	SP Spot	FLCAS Flat lens clear anti-slip ⁴	12B Two 1/2" NPT bottom	TKO Tilt kit optic ¹	
	B Bronze		WHT53K 5300K	120 ³	MFL Medium flood	FLCSR Flat lens, slip resistant		<u>Dimming</u>	
			AMB Amber		PDX4ML			LDIM 0-10 volt LED dimming ³	
			BLU Blue		ML180 180°				
			GRN Green		ML360 360°				
			RED Red						

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ For lens load ratings and slip resistance, see page 857.
- ² Transformer sold separately.
- ³ Use 120 volt for LDIM.
- ⁴ Not available on PDX4ML.

Intended Use

Hydrel's Paradox Series sealed modular in-grade luminaires are multi-purpose units designed for uplighting architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials, and are ideal when aperture size or luminaire depth is a priority.

Features

- Die-cast bronze or stainless steel door on an injection molded thermoplastic UV stabilized housing
- 5 different distributions available, distributions based on lamp type

- 15° vertical and 360° rotational aiming is standard
- 20 - 50 watt MR16 lamps
- Optional integral electronic transformer, 12 volt fixtures require a remote transformer
- Suitable for mounting in concrete or organic substrates, IC rated for indoor applications as well

Listings

UL, cUL, IP68, CSAus, CSA, IP68.

PDX4

Paradox™ 4"

Architectural In-Grade

**ORDERING INFORMATION**

Specifications subject to change.

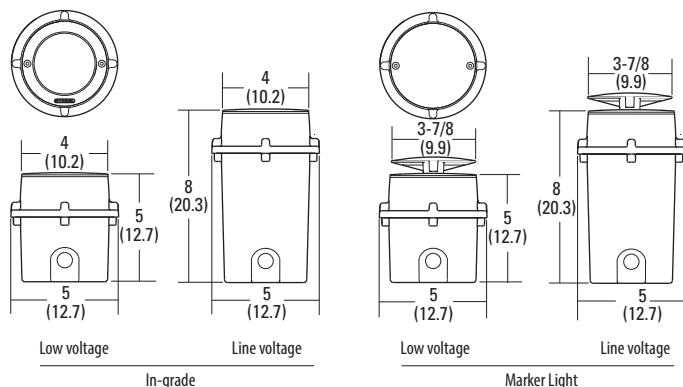
Example: PDX4 B M35 120 NSP FLC 12S IHL LPI

Series ¹	Material	Lamp type	Voltage	Distribution	Lens	Conduit entry	Options	Lamped
PDX4 In-grade	SS Stainless steel	M20 MR16, GX5.3, 20W max.	12 ³	PDX4	FLC Flat lens clear	12S Two 1/2" NPT side (standard)	Internal accessories ⁴	LPI Lamp included
PDX4ML Marker light	BSS Brushed stainless steel ²	M35 MR16, GX5.3, 35W max.	120	NSP Narrow spot	FLCAS Flat lens clear anti-slip ³	12B Two 1/2" NPT bottom	IHL Internal honeycomb louver	
	B Bronze	M50 MR16, GX5.3, 50W max.		SP Spot	FLCSR Flat lens, slip resistant		LSF Linear spread filter	
				NFL Narrow flood			CFAMB Color filter amber	
				WFL Wide flood ⁴			CFBLU Color filter blue	
				FL Flood ⁴			CFGRN Color filter green	
				PDX4ML			CFRED Color filter red	
				ML180 180°				
				ML360 360°				

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ For lens load ratings, slip resistance and temperatures, see page 857.
- ² Not available with PDX4ML.
- ³ Transformer sold separately.
- ⁴ Only one accessory available.

PDX7

Paradox™ 7" Architectural In-Grade Monochromatic LED



Intended Use

Hydrel's Paradox Series sealed modular in-grade luminaires are multi-purpose units designed for uplighting architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials, and are ideal when aperture size or luminaire depth is a priority.

Features

- Ideal for replacement of 50 watt HID
- Die-cast bronze or stainless steel door on a compression molded polyester housing

- 7 different distributions available
- 15° vertical and 360° rotational aiming is standard
- 12 watt monochromatic LED, electronic drivers, LDIM 0-10 volt dimming available
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL.

ORDERING INFORMATION

Specifications subject to change.

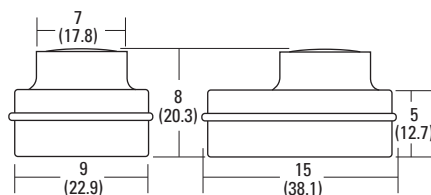
Example: PDX7 B 12LED WHT41K MVOLT SP FLC 34S LPI

Series ¹		Material		Lamp type	LED color		Voltage	Distribution	
PDX7		SS	Stainless steel	12LED	WHT30K	3000K ²	MVOLT	SP	Spot
		BSS	Brushed stainless steel ²		WHT41K	4100K		NFL	Narrow flood
		B	Bronze		WHT53K	5300K		MFL	Medium flood
					AMB	Amber		FL	Flood
					BLU	Blue		WFL	Wide flood
					GRN	Green		VWFL	Very wide flood
					RED	Red		LSD	Linear spread distribution
Lens		Conduit entry		Options				Lamped	
FLC	Flat lens clear	34S	Two 3/4" NPT side (standard)	<u>Internal accessories</u>		<u>External accessories</u>		LPI	LED array included
FLCAS	Flat lens clear anti-slip ²			IHL	Internal honeycomb louver	RG	Decorative rock guard		
FLCSR	Flat lens slip resistant ²					GS	Glare shield ³		
						<u>Dimming</u>			
						LDIM 0-10 volt LED dimming			

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ For lens load ratings and slip resistance, see page 857.
- ² Not available with decorative rock guard.
- ³ SS door only.

Intended Use

Hydrel's Paradox Series sealed modular in-grade luminaires are multi-purpose units designed for uplighting architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials, and are ideal when aperture size or luminaire depth is a priority.

Features

- Die-cast bronze or stainless steel door on a compression molded polyester housing
- Cool lens technology available to reduce surface temperatures by up to 55%

- 7 different distributions available
- 15° vertical and 360° rotational aiming is standard except with fluorescent
- 20 - 75 watt MR16 and incandescent, 20 - 70 watt HID, electronic ballasts and transformers standard
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL.

PDX7

Paradox™ 7"

Architectural In-Grade

**ORDERING INFORMATION**

Specifications subject to change.

Example: PDX7 B 35CMT6 MVOLT NSP FLC 34S RG LPI

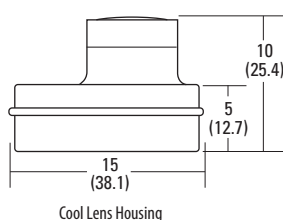
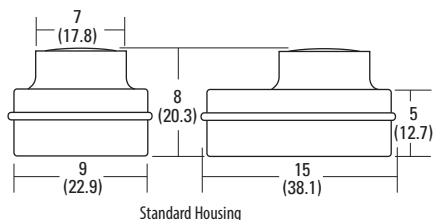
Series ¹⁷		Material		Lamp type						Voltage		
PD7	In-grade	SS	Stainless steel	Low voltage ¹		AR11140	G53	20CMT4	T4, G8.5 ¹¹	R11135CM	GX8.5	12 ³
PDX7CL	In-grade with cool lens	BSS	Brushed stainless steel ⁵	M20	MR11, GZ4	AR11175	G53	35CMT4	T4, G8.5 ¹¹	R11170CM	GX8.5	120
		B	Bronze	M35	MR11, GZ4	Incandescent ²		70CMT4	T4, G8.5 ¹¹	Fluorescent ^{4,6}		240
				M50	MR16, GX5.3	P2050I	PAR20 medium	35CMT4	T6, G12 ¹²	18TRT	Triple tube, GX24q2	277
				M75	MR16, GX5.3	P3038I	PAR30 medium	70CMT4	T6, G12 ¹²	26TRT	Triple tube, GX24q3	MVOLT ⁴
				P3650ILV	PAR36, screw terminal	HID ⁴		P2035CM	PAR20, medium			
						20MHCP	PGJ5 ⁸	P3035CM	PAR30, medium			
				P3675ILV	PAR36, screw terminal	20MHCG	PGJ5 ⁹	P3070CM	PAR30, medium			
				AR11135	G53							

Distribution				Lens		Conduit entry		Options				Lamped	
NSP	Narrow spot	WFL	Wide flood	FLC	Flat lens clear	34S	Two 3/4" NPT side	<u>Internal accessories</u>		<u>External accessories</u>		LPI	Lamp included
SP	Spot	FL	Flood ¹³	FLCAS	Flat lens clear anti-slip ⁵		(standard)	IHL	Internal honeycomb louver ¹⁰	RG	Decorative rock guard		
NFL	Narrow flood	WWD	Wall wash distribution ¹⁶					ISS	Internal source shield ⁷	GS	Glare shield ¹⁵		
MFL	Medium flood			FLCSR	Flat lens slip resistant ⁵			WWL	Wall wash internal louver	<u>Ballast</u>			
								LSF	Linear spread filter	GEB	Electronic ballast ¹⁴		
								CFAMB	Color filter amber				
								CFGRN	Color filter green				
								CFRED	Color filter red				

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Low voltage only available with 12V, 120V, 240V, 277V inputs.
- Incandescent models are available with 120V only.
- Available for low voltage lamps only.
- MVOLT standard on all HID and fluorescent lamps.
- Not available with decorative rock guard.
- Available only in MFL light distribution.
- Available with T6 and T4 lamps in NSP distribution only. Not valid with WWD.
- Philips Mini MasterColor available in 20W and 120V GEV only; NSP, NFL, MFL, WWD ONLY.

- GE Mini UltraMax available in 20W and 120V GEV only; NSP, NFL, MFL and WWD ONLY.
- IHL not available with color filters.
- Available with NSP, MFL and WWD only.
- Available with NSP, MFL and WFL only.
- Only available with PAR lamps.
- HID only.
- SS door only.
- WWD not available with PDX7CL.
- For lens load ratings, slip resistance and temperatures, see page 857.

PDX10

Paradox™ 10" Architectural In-Grade
Monochromatic LED
Dynamic RGB



Visit www.hydrel.com for color changing LED specifications.

Intended Use

Hydrel's Paradox Series sealed modular in-grade luminaires are multi-purpose units designed for uplighting architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials, and are ideal when aperture size or luminaire depth is a priority.

Features

- Ideal for replacement of 100 watt HID
- Available in monochromatic white, red, green, blue and amber and DMX512 RGB mixing

- Die-cast bronze or stainless steel door on a compression molded polyester housing
- 7 different distributions available
- 15° vertical and 360° rotational aiming is standard
- 18 watt monochromatic LED, electronic drivers, LDIM 0-10 volt dimming available
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL.

ORDERING INFORMATION

Specifications subject to change.

Example: PDX10 SS 18LED WHT53K MVOLT SP FLC 34S IHL LPI

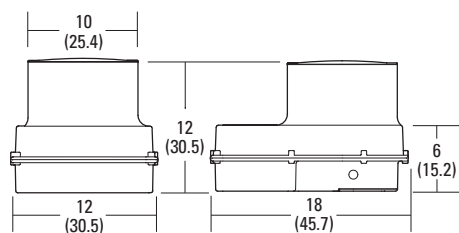
Series ¹	Material	Lamp type	LED color	Voltage	Distribution	Lens
PDX10	SS Stainless steel	18LED 19 watt	WHT30K 3000K	120 ³	SP Spot	FLC Flat lens clear
	BSS Brushed stainless steel ²		WHT41K 4100K	MVOLT	NFL Narrow flood	FLCAS Flat lens clear, anti slip ²
	B Bronze		WHT53K 5300K		MFL Medium flood	FLCSR Flat lens frosted, slip resistant ²
			AMB Amber		FL Flood	
			BLU Blue		WFL Wide flood	
			GRN Green		VWFL Very wide flood	
			RED Red		LSD Linear spread distribution	
			RGB Mixing			

Conduit entry	Control	Channel	Options	Lamped
34S Two 3/4" NPT side (standard)	RGB Only	RGB Only	Internal accessories	LPI Lamp included
	3DMX 3-Channel DMX512 ⁴	ST_ Static ⁶	IHL Internal honeycomb louver	
	4DMX 4-Channel DMX512 ⁵	SQ_ Sequential ⁷	External accessories	
			RG Decorative rock guard	
			Ballast	
			LDIM 0-10V dimming ⁸	

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Monochromatic Housing

Notes

- For lens load ratings and slip resistance and temperatures, see page 857.
- Not available with RG option.
- Only valid with 120V, not valid with RGB.
- 3 DMX= Red, Green and Blue.
- 4 DMX= Red, Green, Blue and Intensity.
- Static Channels-all fixtures will be programmed with the same set of numbers specify starting number.
- Sequential channels-fixtures will be programmed with individual numbers, specify starting number.
- Only valid with LDIM.

Intended Use

Hydrel's Paradox Series sealed modular in-grade luminaires are multi-purpose units designed for uplighting architectural and landscape features. These units can be flush-mounted into a variety of substrates or landscape materials, and are ideal when aperture size or luminaire depth is a priority.

Features

- Die-cast bronze or stainless steel door on a compression molded polyester housing
- Cool lens technology available to reduce surface temperatures by up to 55%

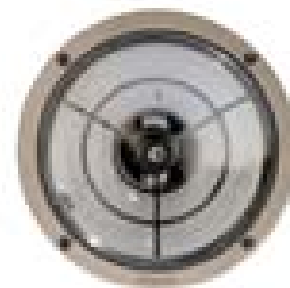
- 7 different distributions available
- 15° vertical and 360° rotational aiming is standard
- 50 - 150 watt incandescent, 18-42 watt fluorescent and 35 - 150 watt HID
- Electronic MVOLT ballasts standard on MH and fluorescent
- Suitable for mounting in concrete or organic substrates

Listings

UL, cUL.

PDX10

Paradox™ 10"
Architectural In-Grade

**ORDERING INFORMATION**

Specifications subject to change.

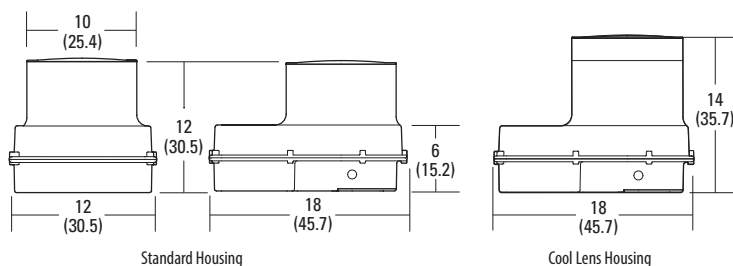
Example: PDX10 B 35CMT6 MVOLT NSP FLC 34S RG LPI

Series ¹		Material		Lamp type				Voltage		Distribution	
PDX10	In-grade	SS	Stainless steel	Incandescent ³				120		NSP	Narrow spot ⁷
PDX10CL	In-grade with cool lens	BSS	Brushed stainless steel ²	P3038I	PAR30, medium ⁴	35CMT4	T4, G8.5	70M	E17, medium	SP	Spot
		B	Bronze	P3075I	PAR30, medium ⁴	70CMT4	T4, G8.5	70CM	E17, medium	NFL	Narrow flood
				P3883I	PAR38, medium ⁴	P3035CM	PAR30, medium ⁴	100M	E17, medium	MFL	Medium flood
				P38150I	PAR38, medium ⁴	P3070CM	PAR30, medium ⁴	100CM	E17, medium	WFL	Wide flood
				100Q	T4, mini can	R11135CM	GX8.5	150M	E17, medium	FL	Flood
				150Q	T4, mini can	R11170CM	GX8.5	150CM	E17, medium	WWD	Wall wash distribution ⁸
				Fluorescent ^{5,6}				P3870M	PAR38, medium ⁴		
				18TRT	Triple tube, GX24q	70CMT6	T6, G-12	P3870CM	PAR38, medium ⁴		
				26TRT	Triple tube, GX24q	150CMT6	T6, G-12	P38100CM	PAR38, medium ⁴		
				32TRT	Triple tube, GX24q			P38100CM	PAR38, medium ⁴		
				42TRT	Triple tube, GX24q						
Lens		Conduit Entry		Options				Lamped			
FLC	Flat lens clear	34S	Two 3/4" NPT side (standard)	Internal accessories				LPI Lamp included			
FLCAS	Flat lens clear, anti slip ⁴			IHL	Internal honeycomb louver	RG	Decorative rock guard				
FLCSR	Flat lens frosted, slip resistant ⁴			ISS	Internal source shield ⁹	Ballast					
				WWL	Wall wash internal louver ¹⁰	GEB	Electronic ballast ¹¹				
				LSF	Linear spread filter						

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- For lens load ratings, slip resistance and temperatures, see page 857.
- Not available with decorative rock guard.
- Incandescent models are available with 120V only.
- PAR lamps only available with SP or FL distributions.
- Available only in MFL, WWD or WFL light distribution.
- Available with MVOLT only.
- NSP only valid with T4 or T6 lamps.
- WWD not available with PDX10CL.
- Available with T6 and T4 lamps in NSP distribution only. Not valid with WWD.
- Available only with WWD distributions or TRT lamps.
- GEB available with metal halide only.

PARADOX

Safety Accessories



RG Decorative rock guard



FLCAS Anti-slip lens



FLCSR Slip-resistant lens (frosted on top)

Light Control Accessories



WWL Wallwash louver



IHL Internal honeycomb louver



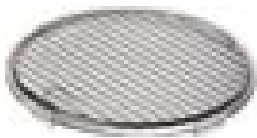
ISS Internal source shield



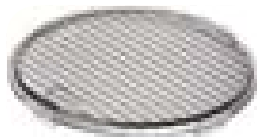
GS Glare shield stainless steel (PDX7 only)



TKO 5° Tilt lens filter (PDX4 only)



TKO 10° Tilt lens filter (PDX4 only)



TKO 15° Tilt lens filter (PDX4 only)



TKO 5° Axial spread filter

TKO kit includes 5°, 10° and 15° tilt filters and the 5° axial spread filter.

Notes
For visual representation only; not scaled proportionately.

WD9100



Intended Use

The WD9100 Series wet/dry up lights represent the state-of-the-art in flush up light construction. These multi-purpose modular units are designed for mounting in areas that are prone to being submerged in water.

Features

- Cast bronze door and rock guard on an injection molded, UV stabilized ABS
- Available with PAR38 and T4 Quartz incandescent lamps
- Optics on the PAR lamps are SP or FL, 5 distributions available for the quartz lamps

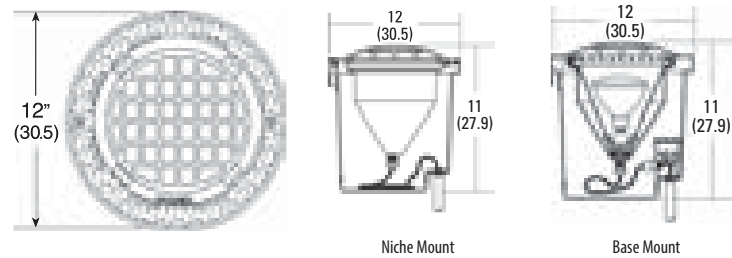
- Lamp modules are sealed and purged of all moisture to 100°F
- 120 volt only; incandescent fixtures compatible with remote in-line dimming
- All connectors are submersible rated
- Suitable for mounting in concrete or organic substrates

Listings
UL.

ORDERING INFORMATION		Specifications subject to change.				Example: WD9100 P3883I 120 SP FLC NM 34B IHL CSL30 LP					
Series		Lamp type		Voltage	Distribution		Lens		Mounting		
WD9100	Wet-dry in-grade	Incandescent ¹		120	SP	Spot ¹	FLC	Flat lens clear	NM	Niche mount ⁶	
		P3883I	PAR38, medium		NFL	Narrow flood ³	FLC5	Flat lens clear, 5° axial spread	BM	Base mount ⁷	
		P38150I	PAR38, medium		MFL	Medium flood	FLC10	Flat lens clear, 10° tilt			
		P38250I	PAR38, medium		FL	Flood ^{1,2}	FLC30	Flat lens clear, 30° spread			
		Quartz ²			WFL	Wide flood ⁴	FLF	Flat lens frosted			
		100Q	T4, MC		WWD	Wall wash distribution ⁵					
		150Q	T4, MC								
Conduit entry		Options		Cord set length			Lamped				
34B	3/4" NPT bottom	IHL	Internal honeycomb louver	CSL__	10'-120' of cord available in 5' increments		LP	Lamp installed			
12B	1/2" NPT bottom	MSR	Modular support ring								
		STR	Stainless steel trim ring, round								

ADDITIONAL INFORMATION For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



- Notes
- ¹ PAR38 lamps are available only with SP or FL distributions; lens options available for modifying PAR38 distributions.
 - ² FL distribution is not available with 100Q or 150Q.
 - ³ NFL distribution requires a FLC30 lens.
 - ⁴ WFL distribution requires a FLF lens.
 - ⁵ WWD distribution requires a FLC5 lens.
 - ⁶ NM mounting does not come with an underwater junction box.
 - ⁷ BM mounting comes with an underwater junction box.

9330 9335

LED



Intended Use

The 9330 Well Light Series is designed for flush mounting in planter, tree grates or open lawn areas. The 9335 Series is designed for mounting in standard Neenah tree grates.

Features

- Ideal for replacement of 50 watt HID
- Cast aluminum or cast bronze doors on a thick wall polypropylene pipe
- Flow through style in-grade with fully sealed LED and driver modules
- 4 grate styles available on the 9330, one style available on the 9335

- 7 different distributions available
- Lamp modules are sealed and purged of all moisture to 100°F and mounted to the grate, adjustable up to 15°
- 12 watt LED, MVOLT electrical driver encapsulated in a composite resin, LDIM 0-10 volt dimming available
- Suitable for mounting in tree grates or landscaping

Listings

UL, CSA, IP67.

ORDERING INFORMATION

Specifications subject to change.

Example: 9330 B 12LED WHT41K MVOLT SP CLC 34B DL LP

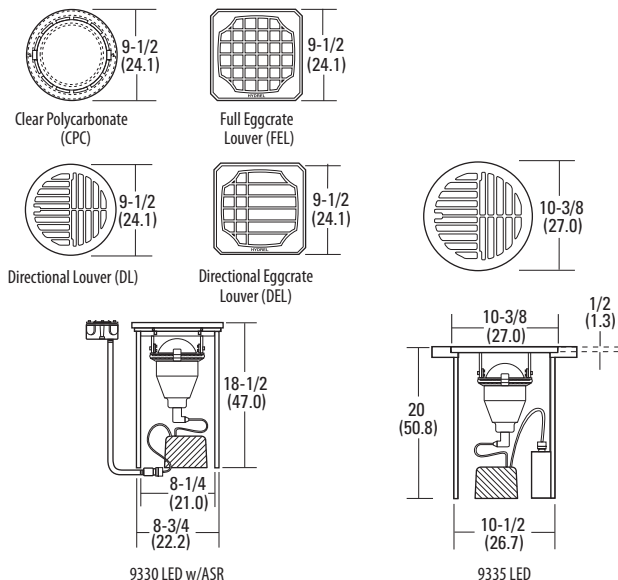
Series	Material	Lamp type	LED Color	Voltage	Distribution	Lens	Conduit entry
9330	A Aluminum ¹	12LED	WHT30K	MVOLT	SP Spot	CLC Convex lens clear	34B 3/4" NPT bottom
9335	B Bronze		WHT41K		NFL Narrow flood	CLF Flat lens frosted	
			WHT53K		MFL Medium flood		
			AMB		FL Flood		
			BLU		WFL Wide flood		
			GRN		VWFL Very wide flood		
			RED		LSD Linear spread distribution		

Grill	Options	Lamped	Finish ²
DEL Directional eggcrate louver (square) ¹	<u>Internal accessories</u>	LP Lamp installed	BL Black
FEL Full eggcrate louver (square) ¹	ASR Aim set ring ²		BZ Bronze
DL Directional louver (round)			DDB Dark bronze
CPC Clear polycarbonate (round) ¹			GN Green
			GR Gray
			SND Sand
			STG Steel gray
			TVG Terra verde green
			WH White
			CF Custom finish

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ Not available with 9335.
- ² Finish available on aluminum fixtures only.

9330

9335



Intended Use

The 9330 Series is designed for flush mounting in planter, tree grates or open lawn areas. The 9335 Series is designed for mounting in standard Neenah tree grates.

Features

- Cast aluminum or cast bronze doors on a thick wall polypropylene pipe
- Flow through style in-grade with fully sealed lamp and ballast modules
- 4 grate styles available on the 9330, one style available on the 9335
- 6 different distributions available

- Lamp modules are sealed and purged of all moisture to 100°F and mounted to the grate, adjustable up to 15°
- MR16, PAR36, PAR20 and PAR30 incandescent lamps and PAR30 and E17 HID lamps available
- Electronic and magnetic ballasts and transformers available; encapsulated in a composite resin to eliminate moisture
- Suitable for mounting in concrete or organic substrates

Listings

UL, CSA, IP67.

ORDERING INFORMATION

Specifications subject to change.

Example: 9330 B P3070CM MVOLT SP CLC 34B DL ASR GEB LP

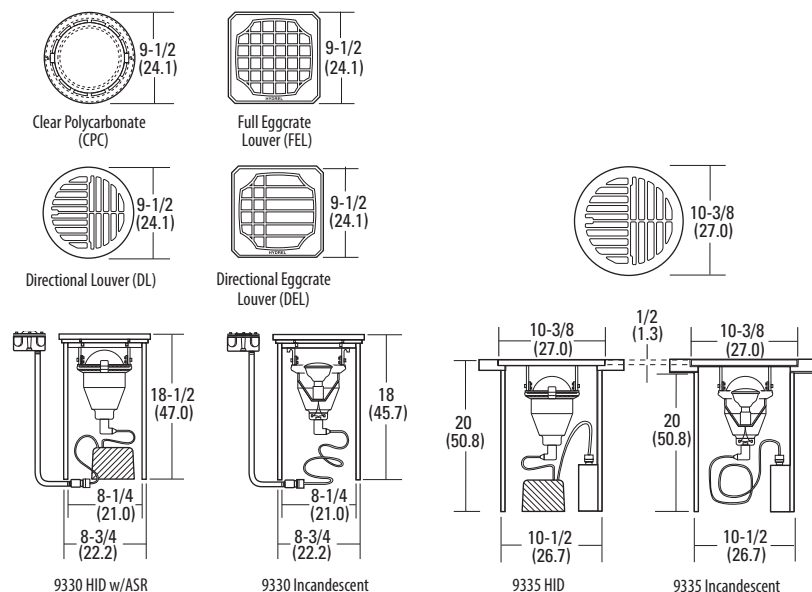
Series	Material	Lamp type	Voltage	Distribution ⁶	Lens	Conduit entry
9330	A Aluminum ¹	Low voltage	12 ³	NSP Narrow spot ⁷	CLC Convex lens clear	34B 3/4" NPT bottom
9335	B Bronze	M20 100CM	120	SP Spot	CLF Flat lens frosted	
		M75 P2035CM	208 ⁴	MFL Medium flood		
		P3636ILV P3035CM	240	NFL Narrow flood		
		P3650ILV P3070CM	277	FL Flood		
		Incandescent ²	347	WFL Wide flood ⁷		
		P2050I	50S			
		P3038I	70S			
		P3075I	100S			

Grill	Options	Lamped	Finish ¹¹
DEL Directional eggcrate louver (square) ¹	Internal accessories	LP Lamp installed	BL Black
FEL Full eggcrate louver (square) ¹	ASR Aim set ring ¹		BZ Bronze
DL Directional louver (round)	IHL Internal honeycomb louver ⁸		DDB Dark bronze
CPC Clear polycarbonate (round) ¹	Fusing		GN Green
	SF Single fuse ⁹		GR Gray
	DF Double fuse ¹⁰		

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with 9335.
- 2 Incandescent models available with 120V only.
- 3 Transformer sold separately.
- 4 208V not available with low-voltage fixtures.
- 5 Only available with GEB option.
- 6 Not all distributions available with all lamp types. Check lamp manufacturers specification.
- 7 WFL and NSP are only available with incandescent, PAR and MR16 lamps.
- 8 Not available with MH, HPS or P30I WFL.
- 9 SF available with 120V, 277V or 347V with HID only.
- 10 DF available with 208V, 220V or 240V with HID only.
- 11 Finish available on aluminum fixtures only.

PRODUCT INFORMATION

9350

LED

**Intended Use**

Uplighting of trees, shrubs, terraces or walls from a flat lawn area. The units are completely weatherproof, designed for installation in damp areas.

Features

- Ideal for replacement of 100 watt HID
- Cast aluminum or cast bronze doors on a thick wall polypropylene pipe
- Flow through style in-grade with fully sealed LED and driver modules
- 4 grate styles available on the 9350

- 7 different distributions available
- Lamp modules are sealed and purged of all moisture to 100°F and mounted to the grate, adjustable up to 15°
- 19 watt LED, MVOLT electrical driver encapsulated in a composite resin to eliminate water
- Suitable for installation in tree grates, landscaping or concrete

Listings

UL, C.E., CSA, IP67, NEMKO.

ORDERING INFORMATION

Specifications subject to change.

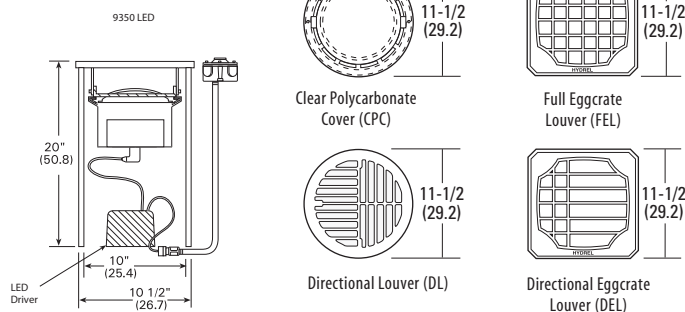
Example: 9350 A 18LED WHT30K MVOLT SP CLC 34B DEL ASR LP BL

Series	Material	Lamp type	LED Color	Voltage	Distribution	Lens	Conduit entry
9350	A Aluminum B Bronze	18LED	WHT30K WHT41K WHT53K AMB BLU GRN RED	120 ¹ MVOLT	SP Spot NFL Narrow flood MFL Medium flood FL Flood WFL Wide flood VWFL Very wide flood LSD Linear spread distribution	CLC Convex lens clear ² CLF Flat lens frosted	34B 3/4" NPT bottom
Grill		Options		Lamped		Finish ⁵	
DEL	Directional eggcrate louver (square)	<u>Internal accessories</u>		LP	Lamp installed	BL	Black
FEL	Full eggcrate louver (square)	IJB	Internal junction box			BZ	Bronze
DL	Directional louver (round)	ASR	Aim set ring ³			DDB	Dark bronze
CPC	Clear polycarbonate (round)	<u>External accessories</u>				DNA	Natural aluminum
		CTR	Concrete trim ring ³			GN	Green
		<u>Dimming</u>				GR	Gray
		LDIM	0-10 volt dimming ⁴				
							SND Sand
							STG Steel gray
							TVG Terra verde green
							WH White
							CF Custom finish

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 120 volt only valid with LDIM.
- 2 CLC is the default if lens option is not chosen.
- 3 ASR and CTR not available together.
- 4 Only available in 120V.
- 5 Finish available on aluminum fixture only.

9350

Intended Use

Uplighting of trees, shrubs, terraces or walls from a flat lawn area. The units are completely weatherproof, designed for installation in damp areas.

Features

- Cast aluminum or cast bronze doors on a thick wall polypropylene pipe
- Flow through style in-grade with fully sealed LED and ballast modules
- 4 grate styles available on the 9350
- 2 different distributions available

- Lamp modules are sealed and purged of all moisture to 100°F and mounted to the grate, adjustable up to 15°
- T4 and PAR38 incandescent lamps and PAR38 and E17 HID lamps available
- Ballast and transformer modules are encapsulated in a composite resin to eliminate water, magnetic and electronic available
- Suitable for mounting in tree grates, landscaping or concrete

Listings

UL, C.E., CSA, IP67, NEMKO.

**ORDERING INFORMATION**

Specifications subject to change.

Example: 9350 A 100M 120 FL CLC 34B DEL ASR LP TVG

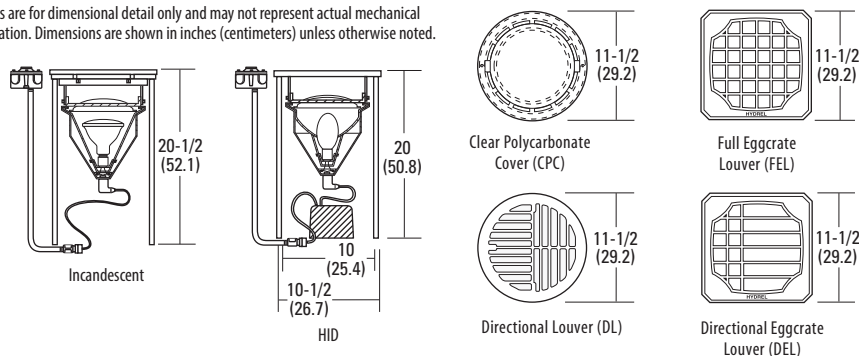
Series	Material		Lamp type			Voltage	Distribution		Lens		Conduit entry	
9350	A	Aluminum	Quartz ¹	Ceramic metal halide	150M	120	SP	Spot	CLC	Convex lens clear ³	34B	3/4" NPT bottom
	B	Bronze	100Q	700CM	P38150M	208	FL	Flood	CLF	Flat lens frosted		
			150Q	100CM	High pressure sodium	240						
			250Q	150CM	70S	277						
			Incandescent	P3810CM	100S	347						
			P38100I	P3870CM	150S	MVOLT ²						
			P30150I	-								

Grill			Options				Lamped		Finish ⁸			
DEL	Directional eggcrate louver (square)		Internal accessories		Fusing		LP	Lamp installed	BL	Black	SND	Sand
FEL	Full eggcrate louver (square)		IJB	Internal junction box	SF	Single fuse ⁵			BZ	Bronze	STG	Steel gray
DL	Directional louver (round)		ASR	Aim set ring	DF	Double fuse ⁶			DDB	Dark bronze	TVG	Terra verde green
CPC	Clear polycarbonate (round) ⁴	IHL	Internal honeycomb louver	Ballast		DNA			Natural aluminum	WH	White	
				GEB	Electronic ballast ^{2,7}	GN			Green	CF	Custom finish	
						GR	Gray					

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Only available in 120V.
- 2 MVOLT is standard if GEB is selected on metal halide lamps.
- 3 CLC is the default if lens option is not chosen.
- 4 100W max. for all lamp types.
- 5 SF available with 120V, 277V or 347V only.
- 6 DF available with 208V or 240V only.
- 7 Electronic ballasts only are available with metal halide lamps.
- 8 Finish available on aluminum fixture only.

PRODUCT INFORMATION

9360DO

Drive-Over Flush-Mounted Uplight

**Intended Use**

Hydrel's Model 9360DO, is a bronze well light, incorporating some of the internal components of our M9400 Series. This fixture features drive-over capacities, capable of supporting a wide variety of vehicle types and loads.

The soils engineer or pavement designer must properly design this fixture into the supporting soil, subbase and finishing surface. A properly designed pavement section pavement section could support the fixture for vertical and lateral loads up through AASHTO HS20 (20-ton truck; 16000 lbs. per wheel load @ 15 miles per hour).

The smaller fixture footprint allows for placement in tight areas.

Features

- LED version suitable for replacing 50 watt HID
- Cast bronze frame with stainless steel well
- Flow through style in-grade with fully sealed lamp and ballast modules

- 8 distributions (distributions available vary based on lamp type)
- Lamp modules are sealed and purged of all moisture to 100°F
- 12 watt LED, MR16, PAR20, PAR30 and PAR36 incandescent, TRT fluorescent and HID lamps available
- Ballast and transformer modules are encapsulated in a composite resin to eliminate water, magnetic and electronic available
- Suitable for installation in concrete in drive over applications

Listings

UL, C.E., CSA, IP67, NEMKO.

ORDERING INFORMATION

Specifications subject to change.

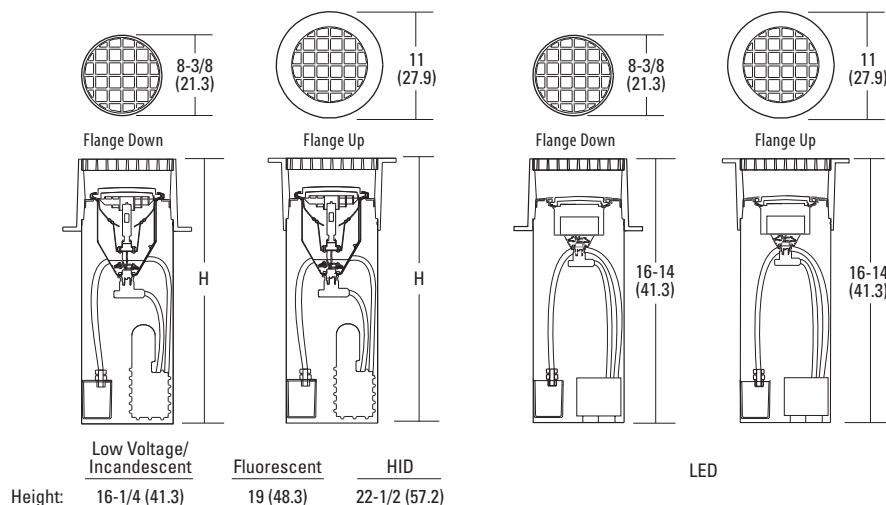
Example: 9360DO DN B 70CMT6 120 AMB 120 SP FLC 34B LP

Series		Orientation		Material		Lamp type			LED color					
9360DO	Drive-over capacity	UP	Flange up	B	Bronze	<u>LED</u>			<u>Incandescent</u> ¹		Metal halide		WHT30K	3000K
		DN	Flange down			12LED	12W	P2050I	PAR20, medium	20CMT4	T4, G8.5 ³	WHT41K	4100K	
						<u>Low voltage</u>			P2050I	PAR20, medium	35CMT4	T4, G8.5 ³	WHT53K	5300K
		M50	MR16, GX5.3			P2050I	PAR20, medium	35CMT6	T6, G12 ⁵	AMB	Amber			
		M75	MR16, GX5.3			100Q	T4, mini-can	70CMT4	T4, G8.5 ³	BLU	Blue			
		P3650ILV	PAR36, screw terminal			<u>Fluorescent</u> ²		70CMT6	T6, G12 ⁵	GRN	Green			
		P3675ILV	PAR36, screw terminal			18TRT	Triple tube, GX24q3	P2035CM	PAR20, medium	RED	Red			
		26TRT	Triple tube, GX24q4			P2035CM	PAR30, medium							
		32TRT	Triple tube, GX24q4			P2070CM	PAR30, medium							
Voltage		Distribution				Lens		Conduit entry		Options ⁹		Lamped		
12 ⁴	277	NSP	Narrow spot ⁶	FL	Flood	FLC	Flat lens clear	34B	3/4" NPT bottom	<u>Fusing</u> ⁷		LP	Lamp installed	
120	347	SP	Spot	WFL	Wide flood									
208	MVOLT ⁵	NFL	Narrow flood ⁶	VWFL	Very wide flood									
240		MFL	Medium flood	LSD	Linear spread distribution ⁶									
										<u>Ballast</u>				
										GEB Electronic ballast ⁸				

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Incandescent models available with 120V only.
- 2 Only available with NSP or MFL distributions.
- 3 Lamps available with GEB electronic MVOLT (120V-277V) ballast only.
- 4 Available for low-voltage lamps only. Remote 12V power supply required.
- 5 MVOLT is standard on all fluorescent lamps and metal halide lamps with GEB ballast option and 12LED.
- 6 Only valid with LED.
- 7 SF only valid with 120V, 277V or 347V. DF only valid with 208V, 220V, or 240V with MH only.
- 8 Only valid with metal halide lamps.
- 9 Not available with LED.

Intended Use

The Birch and Laurel ingrade luminaires are multi-purpose units designed for uplighting architectural and landscape features these units can be flush mounted into a variety of substrates or landscape materials.

Features

- Laurel: LED (6W) and MR16, Birch: LED (3W) and MR11
- Faceplate machined from 6061-T6 aluminum or brass, body & tube machined from 6061-T6 aluminum, stainless hardware
- Distributions are dictated by light source; Borosilicate glass lens

- Fixtures are 12V only, remote transformer required
- Includes 6' of 12/2 landscape wire
- Suitable for installation in tree grates, landscaping or concrete

Listings

ETL, UL; suitable for wet location.

BIRCH LAUREL



ORDERING INFORMATION

Specifications subject to change.

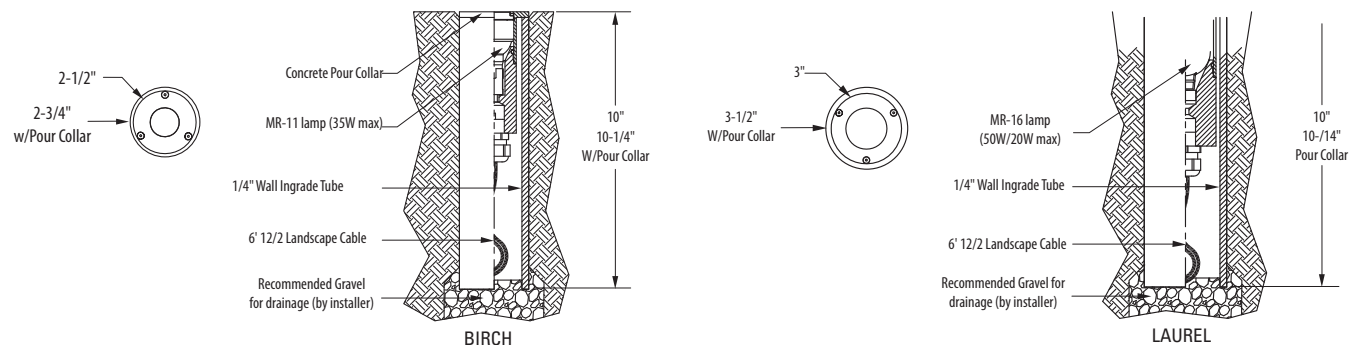
Example: LAUREL A 3LED16 27K 12 10DEG IHL L1 CSL10 BRT

Series		Material		Source				LED Color Temperature		Voltage		Distribution ^{1,2}		Options ³		
BIRCH		A	Aluminum	Birch		Laurel		27K		12		Birch		Internal Glare		
LAUREL		BR	Brass	1LED11	LED 1 up ¹	3LED16 ²		30K				8DEG		IHL Honeycomb louver		
				MR1112DC	MR11 12W	Low Voltage		35K				10DEG		Internal Lens		
				MR1120DC	MR11 20W	M20 MR16 20W		40K				17DEG		L1 Prismatic		
				MR1135DC	MR11 35W	M35 MR16 35W						20DEG		L2 Linear spread		
						M42 MR16 42W						30DEG		25DEG		
						M50 MR16 50W						36DEG		38DEG		
						Low Voltage Long Life								40DEG		
						M20LL MR16 20W								60DEG		
						M35LL MR16 35W										
						M50LL MR16 50W										
Options (cont.)																
Options (cont.)				Cord Set Length				Lamped	Finish				Modification			
Internal Filter				FM	Filter mercury vapor		External Ring	CSL	5'-120' of cord available in 5' increments	LPI	BL	Black		NBS	Natural bronze smooth	MOD Windscape modification
FA	Filter amber		FMB	Filter medium blue		CPR Concrete pour ring		BRS		Bronze smooth		SIS	Silver smooth			
FG	Filter green		FMBD	Filter medium blue dichroic				BRT		Bronze textured		VET	Verde textured			
FGD	Filter green dichroic		FR	Filter red				CHS		Chrome smooth		WH	White			
FLB	Filter light blue		FRD	Filter red dichroic				DBL		Bronze smooth		NAT	Brushed brass w/ satin			
								DDB		Dark bronze		POL	Polised brass w/ gloss			
								DNA	Natural aluminum		BRZ	Satin bronze w/ gloss				

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Notes**
- 1 1LED11 available in 10DEG, 20DEG, 36DEG.
 - 2 3LED16 available in 10DEG, 25DEG, 40DEG.
 - 3 Up to three internal accessories per fixture.

PRODUCT INFORMATION

HENSLEY



Intended Use

Hensley Series sealed in-grade luminaires are multi-purpose units designed for uplighting architectural and landscape features these units can be flush mounted into a variety of substrates or landscape materials.

Features

- LED (15W) and MR16 halogen bi-pin (up to 75W) light source options
- Light source adjustable 360 degrees around and up to 22 degrees from center

- Faceplate machined from 6061-T6 aluminum or brass, injection modeled composite housing, stainless hardware
- Distributions are dictated by light source. Borosilicate glass lens
- Fixtures are 12V only, remote transformer required
- Suitable for installation in tree grates, landscaping or concrete

Listings

ETL, UL; suitable for wet location.

ORDERING INFORMATION

Specifications subject to change.

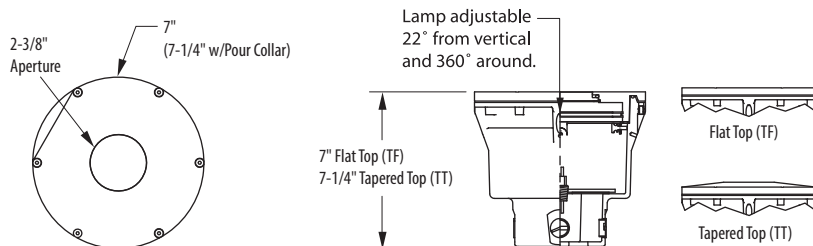
Example: HENSLEY A 9LED38 32K 12 10DEG L2 GS LPI SIS

Series	Material	Source	Color Temperature	LED color	Distribution ³	LENS	Options ²
HENSLEY	A Aluminum	9LED38 9 up round ¹	M35 MR16 35W	27K	12	10DEG	WSLNS Lens watershed non-slip
	BR Brass	M20 MR16 20W	M35LL MR16 long life 35W	30K		12DEG	IHL Honeycomb louver
		M20LL MR16 long life 20W	M42 MR16 42W	35K		23DEG	Internal Lens
		M35 MR16 35W	M50 MR16 50W	40K		24DEG	L1 Prismatic (overall) spread
			M50LL MR16 long life 50W			25DEG	L2 Linear spread
			M75 MR16 75W			36DEG	L3 Softening
						38DEG	
						40DEG	
						60DEG	
Options (cont.)			Lamped	Finish	Modification		
<u>Internal Filter</u>			LPI Lamp included	BL Black textured	NBS Natural bronze smooth	MOD Winscape modification	
FA	Filter amber	<u>External Louver</u>		BRS Bronze smooth	SIS Silver smooth		
FG	Filter green	RG Rock guard		BRT Bronze textured	VET Verde textured		
FGD	Filter green dichroic	<u>External Glare</u>		CHS Chrome smooth	WH White textured		
FLB	Filter light blue	GS Glare shield		DBL Smooth black	NAT Brushed brass w/ satin clear		
FM	Filter mercury vapor	<u>External Ring Mask</u>		DDB Dark bronze	POL Polished brass w/ gloss clear		
FMB	Filter medium blue	CPR Concrete pour ring		DNA Natural aluminum	BRZ Satin bronze w/ gloss clear		
FMBD	Filter medium blue dichroic						
FR	Filter red						
FRD	Filter red dichroic						

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ 9LED32 available in 10DEG, 25DEG, 40DEG.
- ² Up to 3 internal accessories.
- ³ Distributions dictated by lamp type, see spec sheet for more details.

Intended Use

Chestnut Series ingrade luminaire are multi-purpose units designed for uplighting architectural and landscape features these units can be flush mounted into a variety of substrates or lanscape materials.

Features

- LED (6W) and MR16 halogen bi-pin (up to 42W) light source options
- Adjustable lightsource
- Cover cast from bronze, light source module machined from 6061-T6 aluminum, stainless hardware

- Square or round top style, available concrete pour collar
- Distributions are dictated by light source. Borosilicate glass lens
- Fixtures are 12V only, remote transformer required
- Includes 6' of 12/2 landscape wire
- Suitable for installation in tree grates, landscaping or concrete

Listings

ETL, UL, suitable for wet location.

CHESTNUT

**ORDERING INFORMATION**

Specifications subject to change.

Example: CHESTNUT SQ 3LED16 30K 12 10DEG FG CPR CSL5 LPI VET

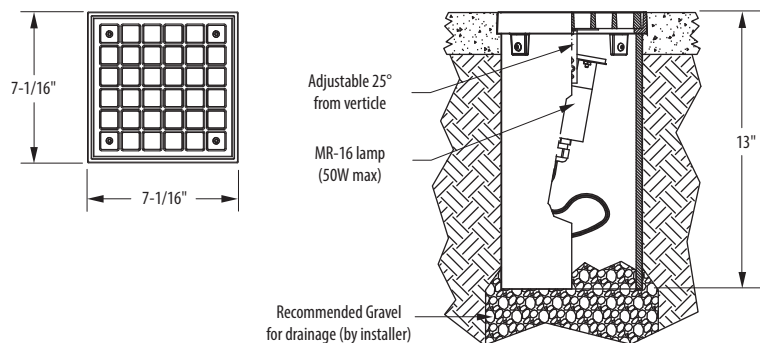
Series	Orientation	Source ¹	Color temperature	LED color	Distribution ³	Options ²
CHESTNUT	RD Round	3LED16 3 up round	27K	12	10DEG	Internal Louver
	SQ Square	M20 MR16 20W	30K		12DEG	IHL Honeycomb louver
		M20LL MR16 long life 20W	35K		23DEG	Internal Lens
		M35 MR16 35W	40K		24DEG	L1 Prismatic (overall) spread
		M35LL MR16 35W			25DEG	L2 Linear spread
		M42 MR16 42W			36DEG	L3 Softening
						38DEG
	40DEG					

Options (cont.)		Cord set length	Lamped	Finish				Modification	
<u>Internal Filter</u>		<u>External Ring Mask</u> CPR Concrete pour ring	CSL_ 5'-120' of cord available in 5' increments	LPI Lamp included	BL Black textured	DNA Natural aluminum	MOD Winscape modification		
FA Filter amber	BRS Bronze smooth				NBS Natural bronze smooth				
FG Filter green	BRT Bronze textured				SIS Silver smooth				
FGD Filter green dichroic	CHS Chrome smooth				VET Verde textured				
FLB Filter light blue	DBL Smooth black				WH White textured				
FM Filter mercury vapor	DDB Dark bronze				NAT Brushed brass w/ satin clear				
FMB Filter medium blue									
FMBD Filter medium blue dichroic									
FR Filter red									
FRD Filter red dichroic									

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 3LED16 available in 6DEG, 25DEG, 40DEG.
- 2 Up to 3 internal accessories.
- 3 Distributors dictated by lamp type, see spec sheet for more details.

PRODUCT INFORMATION

TPS1

YOKE MOUNT

RGB LED FLOOD LIGHT



Visit www.hydel.com for color changing LED specifications.

Intended Use

The TPS1 floodlight is the smallest in a series of axial floodlights. The Tapestry family provides a consistent styling over a wide ranges of sizes, lumen outputs and distributions.

Features

- Ideal for replacement of 100 watt HID
- Die-cast aluminum A360 housing, galvanized steel brackets and stainless steel fasteners
- Available in Monochromatic white and DMX512 RGB mixing
- Controls available via 0-10 volt dimming, photo eyes and part night photo eyes

- 7 different distributions available; with internal and external glare control
- DMX RGB available with 3 channel or 4 channel to be run by separate controller
- Weight 15 lbs, EPA: 0.7 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSA, CSAus, IP66.

ORDERING INFORMATION

Specifications subject to change.

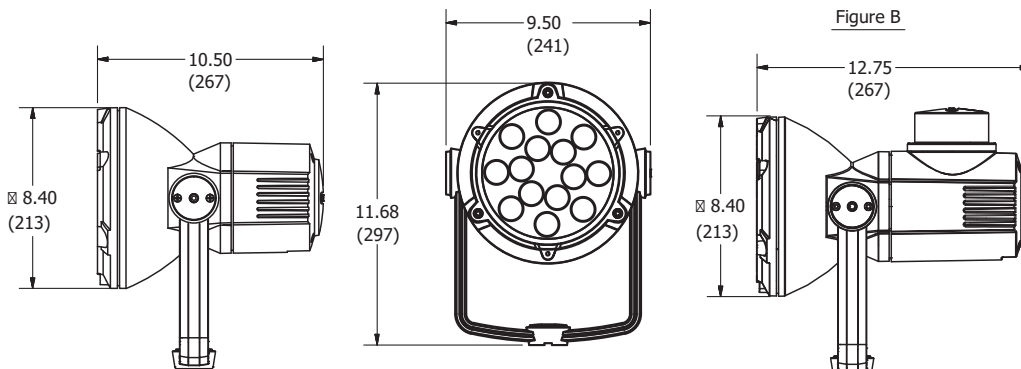
Example: TPS1 18LED RGB MVOLT NSP YM TPSB 4DMX ST1 LP BL

Series	Lamp type	Color	Voltage	Distribution	Mounting	Mounting Accessories	Control
TPS1	18 LED	RGB mixing WHT30K WHT41K WHT53K	MVOLT (120-277 volt)	NSP Narrow spot NFL Narrow flood MFL Medium flood FL Flood WFL Wide flood HSP Horizontal spot	YM Yoke Mount	TPSB Tapestry surface box (required for RGB See page 879 for additional TPS Accessories.	3-Channel 3DMX DMX512¹ 4-Channel 4DMX DMX512¹
Channel Programming		Accessories			Lamp	Finish	
ST_ Static¹,²	Internal		Controls		LP Lamp included	BL Black	SND Sand
SQ_ Sequential¹,³	IHL Internal honeycomb louver		LDIM 0-10 volt dimming			BZ Bronze	STG Steel gray
	External ⁴		PE Photo Eye			DDB Dark bronze	TVG Terra verde green
	GS Glare shield		PEPN Photo Eye Part Night			DNA Natural aluminum	WH White
	FGS Full glare shield		Protection			GN Green	CF Custom finish
	WRG Wire rock guard		SPD6KV Surge protector				

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

**Notes**

- 1 RGB only.
- 2 Static channels - all fixtures have the same channel numbers. Indicate starting channel.
- 3 Sequential channels - specify starting channels.
- 4 Options are mutually exclusive, choose one.

Intended Use

The TPS1 floodlight is the smallest in a series of axial floodlights. The Tapestry family provides a consistent styling over a wide ranges of sizes, light outputs and distributions.

Features

- Die-cast aluminum A360 housing, galvanized steel brackets and stainless steel fasteners
- Controls available photo eyes and part night photo eyes
- 7 different distributions available; with internal and external glare control

- Flat tempered glass lens
- Yoke mount with 10' of 18-3 STW flexible cable
- Integrally mounted electronic ballast rated for -18°C starting temperatures
- Weight 15 lbs, EPA: 0.7 (does not include mounting accessories)

Listings

CSA, CSAus, IP66.

TPS1**YOKE MOUNT****70 WATT MAX FLOOD LIGHT****ORDERING INFORMATION**

Specifications subject to change.

Example: TPS1 35CMT4 MVOLT NFL YM LPI BL

Series	Lamp type	Voltage	Distribution	Mounting	Mounting Accessories
TPS1	20CMT4 35CMT4 70CMT4 35CMT6 70CMT6	MVOLT (120-277 volt)	VNSP Very narrow spot NSP Narrow spot NFL Narrow flood MFL Medium flood FL Flood HFL Horizontal flood HSP Horizontal spot	YM Yoke Mount	See the TPS Accessory page on 879 for a full list of accessory options.

Accessories				Options		Lamp		Finish			
Internal		External ¹		Controls ²		LPI	Lamp included	BL	Black	SND	Sand
ISS	Internal source shield	GS	Glare shield	PE	Photo Eye			BZ	Bronze	STG	Steel gray
IHL	Internal honeycomb louver	FGS	Full glare shield	PEPN	Photo Eye Part Night			DDB	Dark bronze	TVG	Terra verde green
CFAMB	Color filter amber	WRG	Wire rock guard	<u>Protection</u>				DNA	Natural aluminum	WH	White
CFRED	Color filter red			SPD6KV	Surge protector			GN	Green	CF	Custom finish
CFBLU	Color filter blue										
CFGRN	Color filter green										
LSF	Linear spread filter										

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

Figure A

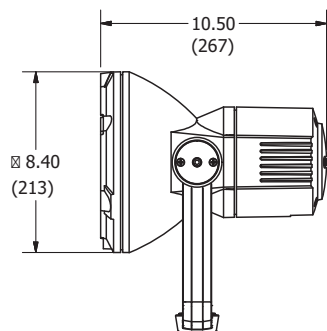
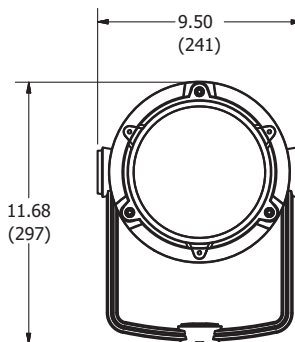
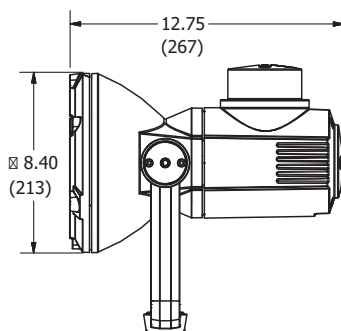


Figure B

**Notes**

- Options are mutually exclusive, choose one.
- Requires longer housing - see figure B.

PRODUCT INFORMATION

TPS2

YOKE MOUNT

RGB LED FLOOD LIGHT



Visit www.hydel.com for color changing LED specifications.

Intended Use

The TPS2 floodlight is the middle size in a series of axial floodlights. The Tapestry family provides a consistent styling over a wide range of sizes, light outputs and distributions.

Features

- Ideal for replacement of 150 watt HID
- Die-cast aluminum A360 housing galvanized steel brackets and stainless steel fasteners
- Available in Monochromatic white and DMX512 RGB mixing
- Controls available via 0-10 volt dimming, photo eyes and part night photo eyes

- 6 different distributions available, with internal and external glare control
- DMX RGB available with 3 channel or 4 channel to be run by a separate controller
- Weight: 21 lbs, EPA: 1.00 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSA, CSAus, IP66.

ORDERING INFORMATION

Specifications subject to change.

Example: TPS2 36LED WHT30K MVOLT NSP YM LPI BL

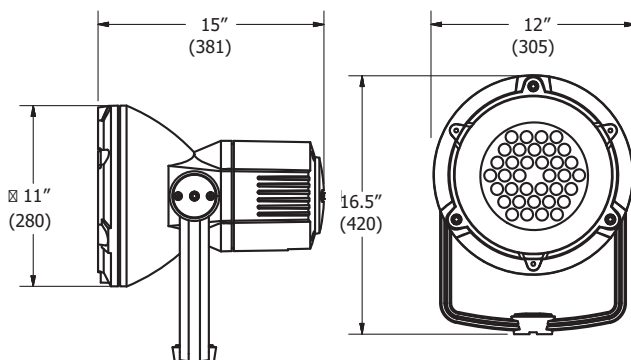
Series	Lamp type	Color	Voltage	Distribution	Mounting	Mounting Accessories	Control
TPS2	36LED	RGB Mixing WHT30K 3000K WHT41K 4100K WHT53K 5300K	MVOLT (120-277 volt)	NSP Narrow spot NFL Narrow flood MFL Medium flood FL Flood WFL Wide flood HSP Horizontal spot	YM Yoke Mount	TPSB Tapestry surface box (RGB only) See page 879 for additional TPS accessories.	3-Channel 3DMX DMX512 4-Channel 4DMX DMX512

Channel Programming	Controls	Accessories	Lamp	Finish
ST_ Static ¹ SQ_ Sequential ²	LDIM 0-10 volt dimming ³ PE Photo Eye PEPN Photo Eye Part Night SPD6KV Surge protector	<u>Internal</u> IHL Internal honeycomb louver <u>External</u> GS Glare shield FGS Full glare shield WRG Wire rock guard	LPI Lamp included	BL Black BZ Bronze DDB Dark bronze DNA Natural aluminum GN Green SND Sand STG Steel gray TVG Terra verde green WH White CF Custom finish

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (millimeters) unless otherwise noted.

**Notes**

- 1 Static Channels- All fixtures have the same channel numbers.
- 2 Sequential channels- specify starting channels.
- 3 Not available with RGB.

TPS2
HID



Intended Use

The TPS2 floodlight is the middle size in a series of axial floodlights. The Tapestry family provides a consistent styling over a range of sizes, light outputs and distributions.

Features

- Die-cast aluminum A360 housing, galvanized steel brackets and stainless steel fasteners
- Controls available via photo eyes and part night photo eyes
- 5 different distributions available, with internal and external glare control

- Yoke mount with 10' of 18-3 STW flexible cable
- Weight: 21 lbs, EPA: 1.00 (does not include mounting accessories)

Listings

CSA, CSAus, IP66.

ORDERING INFORMATION

Specifications subject to change.

Example: TPS2 150CMT6 208-277 NFL YM LPI BL

Series	Lamp type	Voltage	Distribution	Mounting	Mounting Accessories
TPS2	MH 70CMT6 T6 G12 150CMT6 T6 G12 COSMOPOLIS 90CPO T6 PGZ12 140CPO T6 PGZ12	MVOLT (120-277 volt)	NSP Narrow spot NFL Narrow flood MFL Medium flood FL Flood HSP Horizontal spot	YM Yoke Mount	See the TPS Accessory page on 879 for a full list of accessory options.

Accessories	Options	Lamp	Finish
<u>Internal</u> ISS Internal source shield IHL Internal honeycomb louver CFAMB Color filter amber CFRED Color filter red CFBLU Color filter blue CFGRN Color filter green LSF Linear spread filter	<u>External</u> GS Glare shield FGS Full glare shield WRG Wire rock guard <u>Controls</u> PE Photo Eye PEPN Photo Eye Part Night <u>Protection</u> SPD6KV Surge protector	LPI Lamp included	BL Black BZ Bronze DDB Dark bronze DNA Natural aluminum GN Green SND Sand STG Steel gray TVG Terra verde green WH White CF Custom finish

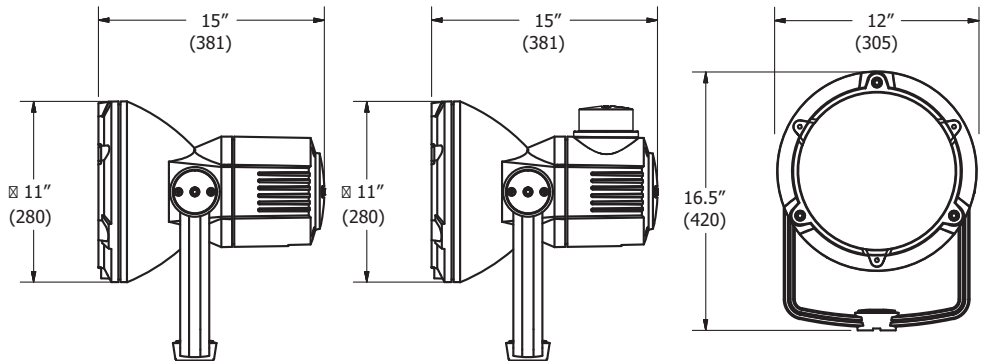
ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (millimeters) unless otherwise noted.

Figure A

Figure B



PRODUCT INFORMATION

TPS3 COB

**Intended Use**

The TPS3 floodlight is the largest size in a series of axial floodlights. The Tapestry family provides a consistent styling over a wide range of sizes, light outputs and distributions.

Features

- Ideal for replacement of 1000 watt HID
- Die-cast aluminum A360 housing, galvanized steel brackets and stainless steel fasteners
- Available in monochromatic white, 30K, 40K & 50K

- Controls available via programmable driver, photo eyes and part night photo eyes
- 5 different distributions available; with internal and external glare control
- Weight: 95 lbs, EPA: 3.90 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSA, CSAus, IP66.

ORDERING INFORMATION

Specifications subject to change.

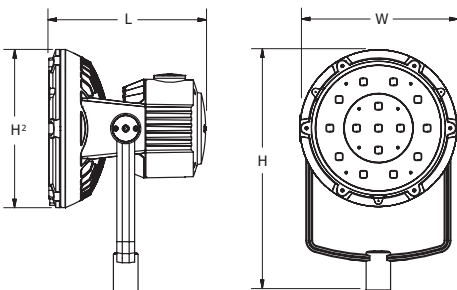
Example: TPS3 15COB 40K MVOLT NSP YM LPI BL

Series	Lamp type	Color	Voltage	Distribution	Mounting
TPS3	15COB	30K 3000K color temp	MVOLT (120-277 volt)	NFL Narrow flood	YM Yoke Mount with T25 Tenon
		40K 4000K color temp	347L	MFL Medium flood	
		50K 5000K color temp	480L	FL Flood	
				WFL Wide flood	
				NSP Narrow spot	
Accessories		Options	Lamp	Finish	
<u>Internal</u>		<u>Controls</u>	LPI Lamp included	BL Black	STG Steel gray
IHL	Internal honeycomb louver	PE Photo Eye		BZ Bronze	TVG Terra verde green
<u>External</u>		PEPN Photo Eye Part Night		DNA Natural aluminum	WH White
GS	Glare shield	PDGR Programmable driver ¹		GN Gray	CF Custom finish
FGS	Full glare shield	<u>Protection</u>		SND Sand	
WRG	Wire rock guard	SPD10KV Surge protector (optional)			

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

¹ Consult factory for custom operating settings.

TPS ACCESSORIES

Wall Mount Plate



WPTL

Die-cast aluminum Wall Mount Plate designed for surface mounting of the taper lock yoke on the TPS fixture to any surface.

Wall Mount Cover



WMTL

Die-cast aluminum Wall Mount cover for mounting the TPS series fixtures with the taper lock yoke can be used over a recessed or surface mount conduit.

Architectural Junction Box



ARTL

The Architectural Junction Box is a die-cast aluminum accessory for direct mounting of the TPS series lighting fixtures.

Glare Shield



GS

Glare Shield – Formed aluminum with A360 die-cast mounting ring, 7 inches tall, field installable.

Full Glare Shield



FGS

Full Glare Shield – Formed aluminum with A360 die-cast mounting ring, 7 inches tall, field installable.

Wire Rock Guard



WRG

Stainless Steel welded wire guard, field installable.

8100 COB

LED Monochromatic
Yoke Mount



Intended Use

The 8100 COB Series is a high performance compact precision lighting system that provides consistent styling with a variety of light distributions. Multiple optical systems provide a wide range of precise light control for COB LED technology.

Features

- Ideal for replacing up to 150-250 watt HID using Nichia 216COB chips
- Die-cast copper free aluminum (A360) housing and doors
- Aluminum yoke and stainless steel locking hardware allow for the fixture to be easily aimed and locked in place

- Nema flood (3x3 through 6x6) and horizontal spot (4X6) available
- MVOLT (120-277) driver, 830mA; fixture rated to run from -30°C through 40°C
- Weight: 27.6 lbs, EPA: 0.56 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSAus, CSA, IP67.

ORDERING INFORMATION

Specifications subject to change.

Example: 8100 4COB 40K MVOLT MFL YM SMSA18 LPI BL

Series	Orientation		Color		Voltage		Distribution		Mounting		Mounting Accessories ³					
8100	4COB	124 watt	30K	3000K color temp	MVOLT	(120-277 volt)	NFL	Narrow flood	YM	Yoke mount	ARJB	Architectural junction box				
			MFL	Medium flood			AWM	Adj. wall	EWM	Ext. wall mount available 12"-48" in 6" increments						
			FL	Flood			PMEF	Pole square	FJB	Flush mount junction box						
			WFL	Wide flood			PME3	Pole 3" round	PAR_/_	Pole arm round 4", 5", or 6" pole 12", 18", or 24" length (i.e. PATR5/18)						
			HSP	Horizontal spot			PME4	Pole 4" round	PAS_/_	Pole arm square 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PAS4/24)						
									PATR_/_	Pole arm twin round 4", 5", or 6" pole 12", 18", or 24" length (i.e. PATR6/12) ²						
										PATS_/_	Pole arm twin square 4", 5", or 6" pole 12", 18", or 24" length (i.e. PATS6/12) ²					
Mounting Accessories(Cont'd)				Accessories		Options		Lamp		Finish						
PMSA_	Pole mount splice access				External ¹		LDIM	0-10 volt dimming		LPI	LED array included		BL	Black	SND	Sand
PMT	Pole mount tee				BD	Barn doors	PE	Photo eye					BZ	Bronze	STG	Steel gray
PSSA	Ped. Stanchion splice access				FGS	Full glare shield	PEPN	Photo Eye Part Night					DDB	Dark bronze	TVG	Terra verde green
SMSA_	Stantion mount splice access available 12"-48" in 6" increments				HGS	Half glare shield							DNA	Natural aluminum	WH	White
SMT	Stantion mount tee ²				WRG	Wire rock guard							GN	Green	CF	Custom finish
TRJB	Tree mount junction box															

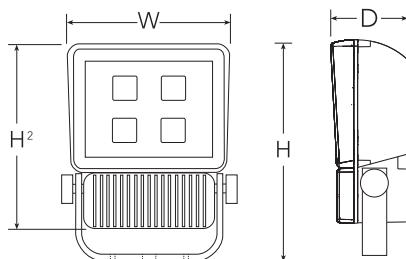
ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

SPECIFICATIONS

EPA	DEPTH	WIDTH	HEIGHT	OVERALL HEIGHT	WEIGHT
0.96 ft ² (0.089 m ²)	5-1/8" (130 mm)	10" (254 mm)	14-3/4" (375 mm)	12-1/4" (318 mm)	24 lbs



Notes

- Options are mutually exclusive.
- These mounting accessories are dual mounts and come with 2 heads for each mounting.
- Only available with YM mount.

Intended Use

Class I, Division 2, Groups A - D listed precision floodlight for use in hazardous locations.

Features

- Ideal for replacing up to 150 watt HID using a 36up LED array
- Die-cast copper free aluminum (A360) housing and doors
- Aluminum yoke and stainless steel locking hardware allow for the fixture to be easily aimed and locked in place
- Nema flood (2x2 through 6x6) and Horizontal Spot (2X6) available

- MVOLT (120-277) driver, 700mA; Fixture rated to run from -30° through 40° C
- Weight: 24.1 lbs., EPA: 0.96 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSA, CSAus, 3G Vibration Test ANSI C136.31, IP67.

8100HL

Hazardous Location
36LED Monochromatic
Yoke Mount

**ORDERING INFORMATION**

Specifications subject to change.

Example: 8100HL 36LED WHT41K MVOLT SP YM SMSA18 LPI BL

Series	Lamp type	Color	Voltage	Distribution	Mounting	Mounting Accessories
8100HL	36LED 87 watt	WHT30K 3000K color temp WHT41K 4100K color temp WHT53K 5300K color temp	MVOLT (120-277 volt)	SP Spot NFL Narrow flood MFL Medium flood FL Flood WFL Wide flood VWFL Very wide flood HSP Horizontal spot	YM Yoke mount	ARJB Architectural junction box EWM Ext. wall mount available 12"-48" in 6" increments FJB Flush mount junction box PAR_/_ Pole arm round 4", 5", or 6" pole 12", 18", or 24" length (i.e. PAR5/18) PAS_/_ Pole arm square 4", 5", or 6" pole 12", 18", or 24" length (i.e. PAS4/24) PATR_/_ Pole arm twin round 4", 5", or 6" pole 12", 18", or 24" length (i.e. PATR6/12) ² PATS_/_ Pole arm twin square 4", 5", or 6" pole 12", 18", or 24" length (i.e. PATS6/12) ²

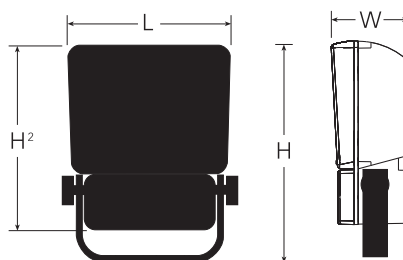
Mounting Accessories(Cont'd)	Accessories	Lamp	Finish
PMSA_ Pole mount splice access	External ¹	LPI LED array included	BL Black
PMT Pole mount tee	BD Barn doors		BZ Bronze
PSSA Ped. Stanchion splice access	FGS Full glare shield		DDB Dark bronze
SMSA_ Stantion mount splice access available 12"-48" in 6" increments	HGS Half glare shield		DNA Natural aluminum
SMT Stantion mount tee ²	WRG Wire rock guard		GN Green
TRJB Tree mount junction box			GR Gray
			SND Sand
			STG Steel gray
			TVG Terra verde green
			WH White
			CF Custom finish

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

SPECIFICATIONS					
EPA	LENGTH	WIDTH	HEIGHT	OVERALL HEIGHT	WEIGHT
0.96 ft ² (0.089 m ²)	10" (254 mm)	5-1/8" (130 mm)	14-3/4" (375 mm)	12-1/4" (318 mm)	24.1 lbs

**Notes**

- ¹ Options are mutually exclusive.
- ² These mounting accessories are dual mounts and come with 2 heads for each mounting.

8100 LED



Visit www.hyrel.com for color changing LED specifications.

Intended Use

The 8100 LED Series is a high-performance compact precision lighting system that provides consistent styling with a variety of light distributions. Multiple optical systems provide a wide range of precise light control for LED technology.

Features

- Ideal for replacing up to 150 watt HID using a 36up LED array
- Die-cast copper free aluminum (A360) housing and doors
- Aluminum yoke and stainless steel locking hardware allow for the fixture to be easily aimed and locked in place

- Nema flood (1x1 through 6x6) and horizontal Spot (2X6) available
- MVOLT (120-277) driver, 700mA; Fixture rated to run from -30°C through 40°C
- Weight: 24.1 lbs, EPA: 0.96 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSAus, CSA, IP67.

ORDERING INFORMATION

Specifications subject to change.

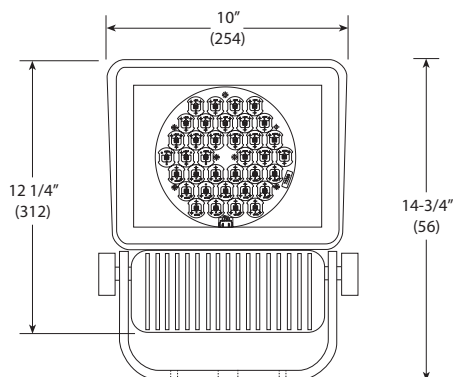
Example: 8100 36LED 700ma WHT41K MVOLT MFL YM LPIBL

Series	Lamp type	LED ampage	LED color	Voltage	Distribution	Mounting	Mounting Accessories	Control ²
8100	36LED	350mA 350 mili-amps 700mA 700 mili-amps	WHT30K 3000K WHT41K 4100K WHT53K 5300K RGB Mixing	MVOLT 120-277 volt 347L 347 volt	NSP NFL MFL FL WFL VWFL HSP	YM AWM ¹ PM ¹	See page 888.	3DMX ³ 4DMX ⁴
Channel Programming ²		Options			Lamped		Finish	
ST_	Static ⁵	<u>Internal accessories¹</u>			LPI	LED included	BL	Black
SQ_	Sequential ⁶	<u>External accessories</u>					BZ	Bronze
		CFAMB	Amber filter	PEI	Photo eye 120 volt		DDB	Dark bronze
		CFBLU	Blue filter	PE7	Photo eye 208-277 volt		DNA	Natural aluminum
		CFGRN	Green filter	<u>Dimming¹</u>			GN	Green
		CFRED	Red filter	LDIM	0-10 volt 50% dimming (700ma only)		GR	Gray
		BD	Barn doors				SND	Sand
		FGS	Full glare shield				STG	Steel gray
		HGS	Half glare shield				TVG	Terra verde green
		WRG	Wire rock guard				WH	White
							CF	Custom finish

ADDITIONAL INFORMATION

For additional product information, visit www.hyrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (millimeters) unless otherwise noted.



Notes

- 1 Not available with RGB.
- 2 Only available with RGB.
- 3 3DMX- 3 channel: Red, blue, green.
- 4 4DMX- 4 channel: Red, blue, green & intense.
- 5 Static channels- All fixtures will be programmed with the same set of number, specify starting channel.
- 6 Sequential channel- fixtures will be programmed with individual numbers, specify starting channel.

Intended Use

The 8100 Series is a high-performance compact precision lighting system that provides consistent styling with a variety of light distributions. Multiple optical systems provide a wide range of precise light control. For use in facade, area and pathway lighting.

Features

- Die-cast copper free aluminum (A360) housing and doors
- Aluminum yoke and stainless steel locking hardware allow for the fixture to be easily aimed and locked in place
- Nema flood (1x1 through 7x7) plus 4 IES area distributions

- EO option: 6400 lumens for 90 minutes, 24 hour re-charge time with optional remote test switch - single pole
- HID to 150 watts and 42T/RT or 2/42T/RT fluorescent
- High power factor magnetic core & coil standard, electronic ballasts optional
- Weight: 27.6 lbs, EPA: 0.56 (does not include mounting accessories)

Listings

UL, cUL, IP67.

8100

HID & EO



ORDERING INFORMATION

Specifications subject to change.

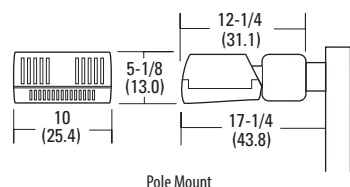
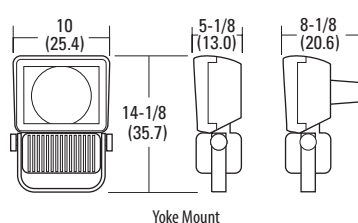
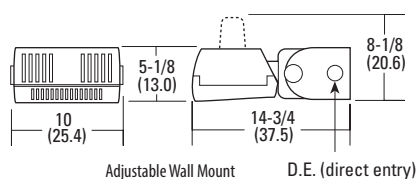
Example: 8100 150M MVOLT NFL YM SMSA18 BD GEB LPI BL

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ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available with flood (FL) distribution.
- 2 MVOLT is standard on all fluorescent lamps (unless ELN is selected) and metal halide lamps with GEB or MLEBAD option.
- 3 Floodlight distributions are not available with PMEF, PME3 or PME4.
- 4 Available for G12 and mini-can bases only. NSP = spot distribution with ISS.
- 5 Only available with 2/42TRT.
- 6 Not available with SR2, SR3, SR5; standard on NSP and SR45C.
- 7 Accessories are mutually exclusive. Choose one.
- 8 HS only available with SR2 and SR3 distributions and not available with yoke mount.
- 9 PER not available with yoke mount.
- 10 SF is available with 120V, 277V or 347V on HID only.
- 11 DF is available with 208V, 220V or 240V on HID only.
- 12 Electronic ballasts only are available with metal halide lamps (150W max.) and MVOLT voltage.
- 13 EO only available with 2/42TRT lamp, 120 or 277 only.
- 14 Cosmopolis require 120 or 208-277.

8200 COB

8COB 295 Watts

LED Monochromatic

Yoke Mount



Intended Use

The 8100 COB Series is a high-performance compact precision lighting system that provides consistent styling with a variety of light distributions. Multiple optical systems provide a wide range of precise light control for COB LED technology.

Features

- Ideal for replacing up to 400 watt HID using Nichia 216COB chips
- Die-cast copper free aluminum (A360) housing and doors
- Aluminum yoke and stainless steel locking hardware allow for the fixture to be easily aimed and locked in place

- Nema flood (3x3 through 7x7) and horizontal spot (4X2) available
- MVOLT (120-277), 347 & 480 volt driver, 830mA; Fixture rated to run from -30° through 40°C
- Weight: 58 lbs, EPA: 2.10 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSAus, CSA, IP67.

ORDERING INFORMATION

Specifications subject to change.

Example: 8200 8COB 50K MVOLT WFL YM SMSA18 LPI BL

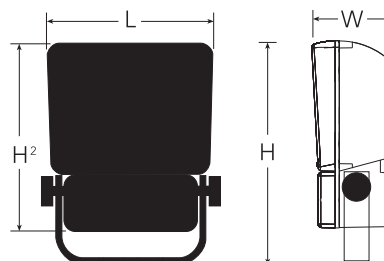
Series	Orientation	Color	Voltage	Distribution	Mounting	Mounting Accessories
8200	8COB 295 watt	30K 3000K color temp 40K 4000K color temp 50K 5000K color temp	MVOLT (120-277 volt) 347L 347 volt 480L 480 volt	NFL Narrow flood MFL Medium flood FL Flood WFL Wide flood HSP Horizontal spot	YM Yoke mount YMTM Yoke mount with tenon slipfitter ¹	EWM_ Ext. wall mount available 18"-36" in 6" increments PAR_/_ Pole arm round 4", 5", or 6" pole 12", 18, or 24 length (i.e. PAR5/18) ² PAS_/_ Pole arm square 4", 5", or 6" pole 12", 18, or 24 length (i.e. PAS4/24) ² PATR_/_ Pole arm twin round 4", 5", or 6" pole 12", 18, or 24 length (i.e. PATR6/12) ^{2,3} PATS_/_ Pole arm twin square 4", 5", or 6" pole 12", 18, or 24 length (i.e. PATS6/12) ^{2,3} TNM Tenon mount ⁴
Mounting Accessories(Cont'd)		Accessories	Lamp	Finish		
PMSA_	Pole mount splice access	External ⁵	LPI LED array included	BL	Black	SND Sand
PMT	Pole mount tee ³	BD Barn doors		BZ	Bronze	STG Steel gray
PSSA	Ped. Stanchion splice access	FGS Full glare shield		DDB	Dark bronze	TVG Terra verde green
SMSA_	Stanchion mount splice access available 12"-48" in 6" increments ⁵	HGS Half glare shield		DNA	Natural aluminum	WH White
SMT	Stanchion mount tee ³	WRG Wire rock guard		GN	Green	CF Custom finish
		Safety		GR	Gray	
		LASC Safety cable				
		Options				
		LDIM 0-10 volt dimming				

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (millimeters) are shown in inches unless otherwise noted.

SPECIFICATIONS					
EPA	LENGTH	WIDTH	HEIGHT	OVERALL HEIGHT	WEIGHT
	15-3/4" (400 mm)	7-1/4" (185 mm)	20-3/4" (527 mm)	17-3/4" (451 mm)	58 lbs



Notes

- ¹ YMTM mounts over a standard 2-3/8" (T20) Tenon, not valid with mounting accessories except TNM.
- ² Available in 6" increments from 12" to 24", specify length.
- ³ Requires (2) two fixtures per mounting.
- ⁴ TNM only available with YMTM.
- ⁵ Each option is mutually exclusive, choose one only.

Intended Use

Class I, Division 2, Groups A - D listed precision floodlight for use in hazardous locations.

Features

- Ideal for replacing up to 250 watt HID using Nichia 216COB chips
- Die-cast copper free aluminum (A360) housing and doors
- Aluminum yoke and stainless steel locking hardware allow for the fixture to be easily aimed and locked in place

- Nema flood (2x2 through 6x6) and horizontal spot (2X4) available
- Weight: 58 lbs, EPA: 2.10 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSA, CSAus, 3G Vibration Test ANSI C136.31, IP67.

8200HL

Hazardous Location
108LED Monochromatic
Yoke Mount

**ORDERING INFORMATION**

Specifications subject to change.

Example: 8200HL 108LED WHT53K MVOLT NSP YM SMSA18 LP BL

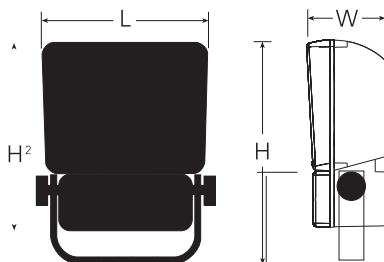
Series	Orientation	Color	Voltage	Distribution	Mounting	Mounting Accessories
8200HL	108LED 259 watt	WHT30K 3000K color temp WHT41K 4100K color temp WHT53K 5300K color temp	MVOLT (120-277 volt)	SP Spot narrow NFL Narrow flood MFL Medium flood FL Flood VWFL Very wide flood HSP Horizontal spot	YM Yoke mount	EWM_ Ext. wall mount available 18"-36" in 6" increments PAR_/_ Pole arm round 4", 5", or 6" pole 12", 18, or 24 length (i.e. PAR5/18) ¹ PAS_/_ Pole arm square 4", 5", or 6" pole 12", 18, or 24 length (i.e. PAS4/24) ¹ PATR_/_ Pole arm twin round 4", 5", or 6" pole 12", 18, or 24 length (i.e. PATR6/12) ^{1,3} PATS_/_ Pole arm twin square 4", 5", or 6" pole 12", 18, or 24 length (i.e. PATS6/12) ^{1,3}
Mounting Accessories(Cont'd)		Accessories	Lamp	Finish		
PMSA_	Pole mount splice access	External ²	LPI LED array included	BL Black	SND Sand	
PMT	Pole mount tee ³	BD Barn doors		BZ Bronze	STG Steel gray	
PSSA	Ped. Stanchion splice access	FGS Full glare shield		DDB Dark bronze	TVG Terra verde green	
SMSA_	Stantion mount splice access available 12"-48" in 6" increments ^{1,3}	HGS Half glare shield		DNA Natural aluminum	WH White	
SMT	Stantion mount tee ³	WRG Wire rock guard		GN Green	CF Custom finish	
		Safety		GR Gray		
		LASC Safety cable				

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

SPECIFICATIONS					
EPA	LENGTH	WIDTH	HEIGHT	OVERALL HEIGHT	WEIGHT
2.10 ft ² (0.195 m ²)	15-3/4" (400 mm)	7-1/4" (185 mm)	20-3/4" (527 mm)	17-3/4" (451 mm)	58 lbs

**Notes**

- 1 Available in 6" increments from 12" to 24", specify length.
- 2 Each option is mutually exclusive, choose one only.
- 3 Requires (2) two fixtures per mounting.

PRODUCT INFORMATION

8200

LED & RGB



Visit www.hydel.com for color changing LED specifications.

Intended Use

The 8200 LED Series is a high performance compact precision lighting system that provides consistent styling with a variety of light distributions. Multiple optical systems provide a wide range of precise light control for LED technology.

Features

- Ideal for replacing up to 400 watt HID using a 108up LED array
- Die-cast copper free aluminum (A360) housing and doors
- Aluminum yoke and stainless steel locking hardware allow for the fixture to be easily aimed and locked in place

- Monochromatic or DMX RGB available with 3 channel or 4 channel to be run by a separate controller
- Nema flood (1x1 through 6x6) and horizontal spot (2X6) available
- MVOLT (120-277) driver, 700mA; Fixture rated to run from -30 through 40° C
- Weight: 58 lbs, EPA: 2.10 (does not include mounting accessories)
- 5-year limited warranty

Listings

CSAus, CSA, IP67.

ORDERING INFORMATION

Specifications subject to change.

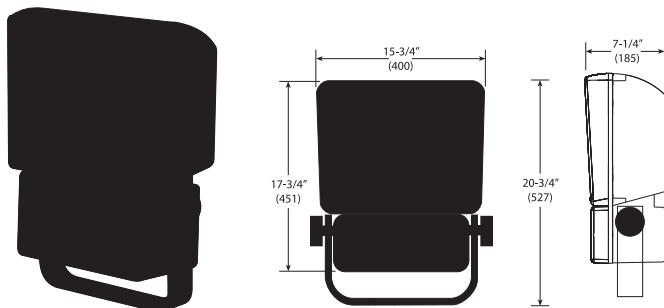
Example: 8200 108LED 700ma WHT30K MVOLT FL YM LPIBL

Series	Lamp Type ¹	LED Ampeage	LED Color	Voltage	Distribution	Mounting	Mounting Accessories	Control ²
8200	72LED 108LED	350mA 350 mili-amps 700mA 700 mili-amps	WHT30K 3000K WHT41K 4100K WHT53K 5300K RGB Mixing	MVOLT 120-277 347L 347 volt ¹ 480L 480 volt ¹	NSP NFL MFL FL WFL VWFL HSP	YM AWM ¹ PM ¹	See page 888.	3DMX ³ 4DMX ⁴
Channel Programming ²		Options	Photo Control ¹	Lamp	Finish			
ST_	Static ⁵	<u>Internal Accessories¹</u>	PE1 Photo Eye	LPI LED included	BL	Black	SND	Sand
SQ_	Sequential ⁶	CFAMB Amber filter	PE7 Photo Eye 208-277 volt		BZ	Bronze	STG	Steel gray
		CFBLU Blue filter	<u>Dimming¹</u>		DDB	Dark bronze	TVG	Terra verde green
		CFGRN Green filter	LDIM 0-10volt 50% dimming 700m only		DNA	Natural aluminum	WH	White
		CFRED Red filter	<u>Safety</u>		GN	Green	CF	Custom finish
		<u>External Accessories</u>	LASC Safety cable		GR	Gray		
		BD Barn doors						
		FGS Full glare shield						
		HGS Half glare shield						
		WRG Wire rock guard						

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.



Notes

- 1 Not available with RGB.
- 2 Only available with RGB.
- 3 3DMX - 3 channel: Red, blue, green.
- 4 4DMX - 4 channel: Red, blue, green & intense.
- 5 Static channels - All fixtures will be programmed with the same set of number. Specify starting channel.
- 6 Sequential channels - Fixtures will be programmed with individual numbers. Specify starting channel.

8200
HID**Intended Use**

The 8200 Series is a high-performance precision lighting system that provides consistent styling with a variety of light distributions. Multiple optical systems provide a wide range of precise light control. For use in facade, area and pathway lighting.

Features

- Die-cast copper free aluminum A360 housing and door, powder-coated polyester finish
- Yoke mount, adjustable wall mount and pole mounting available

- Flat tempered glass lens for maximum resistance to impact and thermal shock
- 12 different optical distributions
- A full range of internal and external glare control, filters and rock guards available
- High power factor magnetic core and coil ballast standard, electronic ballasts optional

Listings

UL, cUL, IP67.

ORDERING INFORMATION

Specifications subject to change.

Example: 8200 250M 120 SR2 AWM HS LPI SND

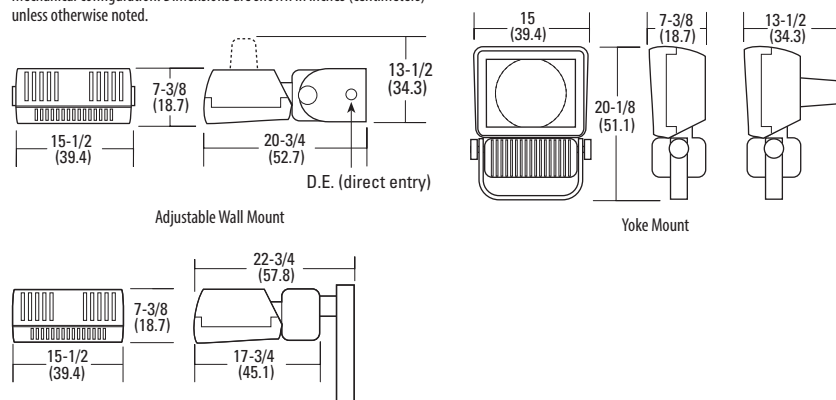
Series	Lamp type	Voltage	Distribution	Mounting	Mounting accessories
8200	Metal halide ¹	High pressure sodium ⁴			
	200M	250S	120	AWM	Adj. wall mount
	250M	400S	208	AWMDE	Adj. wall mount direct entry
	250MX ²		277	YM	Yoke mount
	320M		347	PMEF	Pole mount flat square pole
	350M		480	PME3	Pole mount 3" diameter, round pole
	400M		120/277	PME4	Pole mount 4" diameter, round pole
	210CMT ³		FL		
	315CMT ³		WFL		
			HSP		
			VFL		
			HFL		

Options	Lamped	Finish
Internal accessories⁷	LPI	Lamp included
ISS Internal source shield ⁸		BL Black
CFAMB Color filter amber		BZ Bronze
CFRED Color filter red		DDB Dark bronze
CFBLU Color filter blue		DNA Natural aluminum
CFGRN Color filter green		GN Green
		GR Gray
		SND Sand
External accessories⁷		
BD Barn doors		STG Steel gray
FGS Full glare shield		TVG Terra verde green
HGS Half glare shield		WH White
HS House side shield ⁹		CF Custom finish
WRG Wire rock guard		
Photocontrol		
PER Photocell receptacle ¹⁰		
Fusing		
SF Single fuse ¹¹		
DF Double fuse ¹²		
Ballasts		
GEB Electronic ballast ¹⁰		
SCWA Super CWA pulse start ¹³		

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 SCWA standard.
- 2 250MX meets CA Title 20 code.
- 3 208-277 required on CMT9 lamps, ballast are auto-dimming.
- 4 Not valid with SR2, SR3, SR4SC or SR55.
- 5 MVOLT is the default if GEB is selected; only valid on metal halide lamps.
- 6 Flood light distributions not available with PMEF, PME3 and PME4 mountings.
- 7 Accessories are mutually exclusive. Choose one.
- 8 ISS comes standard on the VFL and SR4SC distributions. ISS is not available with FL, HFL, WFL, SR2, SR3 and SR55 distributions.
- 9 HS available with SR2 and SR3 distributions only.
- 10 Electronic ballasts are only available with metal halide lamps 250-400W, 208-277V or MVOLT only.
- 11 SF is available with 120V, 277V or 347V on HID only.
- 12 DF is available with 208V, 220V or 240V on HID only.
- 13 SCWA ballasts are required with metal halide lamps.

PRODUCT INFORMATION

8100 & 8200 SERIES

Accessories



BD Barn doors
Four door set; each door mounts independently.



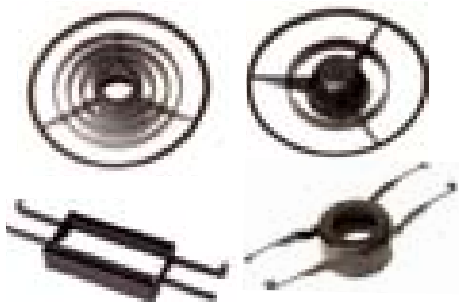
FGS Full glare shield 360° full cutoff.



HGS Half glare shield cuts upward glare.



HS House side shield cuts nuisance glare.



ISS Internal source shield eliminates lamp source glare.



WRG Wire guard for additional safety protection.

MOUNTING ACCESSORIES³

SERIES	TYPE	MOUNT	NOMENCLATURE	ARJB	EWM	FJB	PAR	PAS	PATR	PATS	PMSA	PMT	SMSA_	SMT ¹	TRJB	N/A
8100	Adjustable	Yoke	YM	■	■ ²	■	■ ²	■ ²	■ ^{1,2}	■ ^{1,2}	■	■ ¹	■ ^{1,2}	■ ⁴	■	
8100	Adjustable	Wall	AWM/AWMDE													■
8100	Fixed	Pole	PMEF/PME3/PME4													■
8200	Adjustable	Yoke	YM	■	■ ²		■ ²	■ ²	■ ^{1,2}	■ ^{1,2}	■	■ ¹	■ ^{1,2}	■ ¹		
8200	Adjustable	Wall	AWM/AWMDE													■
8200	Fixed	Pole	PMEF/PME3/PME4													■

ARJB Architectural junction box
EWM Extended wall mount
FJB Flush mount junction box
PAR Pole arm round

PAS Pole arm square
PATR Pole arm twin round
PATS Pole arm twin square
PMSA Pole mount

PMT Pole mount tee
SMSA_ Standard mounting splice access available in 12"-48" in 6" increments
SMT Stantion tee mount
TRJB Tree mount junction box

Notes

- Two fixtures per mounting.
- Multiple lengths available; consult specification sheets.
- For more mounting information, see page 892.

Intended Use

The 7000 Series floodlight is a compact, high-performance outdoor fixture used for facade and landscape lighting.

Features

- Die-cast aluminum housing and door with a polyester powder coat finish
- Weight: 20 pounds; EPA: 0.64 (does not include mounting accessories)
- 4 distributions available, distributions depend on lamp source

- HID to 70 watts, fluorescent to 42 watts and incandescent to 100 watts (all lamps must be rated for Universal Burn Position)
- Integrally mounted ballasts rated for low temperature
- Available with knuckle and yoke mounts and a wide array of mounting accessories for tree, ground and pole mount

Listings

UL, cUL, IP65, suitable for wet locations.

7000



ORDERING INFORMATION

Specifications subject to change.

Example: 7000 70M 120 FL YM SMSA18 BD LPI BL

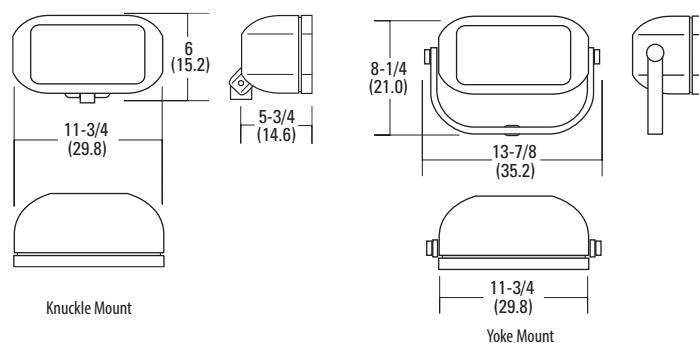
Series	Lamp type				Voltage	Distribution		Mounting		Mounting accessories
7000	<u>Incandescent</u> ¹		<u>Metal halide</u>							See page 893.
	100Q	T4, MC	50M	E17, medium	35S	E17, medium	1	208	NHSP	Narrow horizontal spot ³
	<u>Fluorescent</u> ¹		70M	E17, medium	50S	E17, medium		277	MFL	Medium flood ³
	26TRT	GX24Q-3	<u>Ceramic metal halide</u>		70S	E17, medium		347	FL	Flood ⁴
	32TRT	GX24Q-3	50M	E17, medium				480		
	42TRT	GX24Q-3	70M	E17, medium				120/277		
			35CMT6	T6, G12				MVOLT ²		
			70CMT6	T6, G12				TB		

Options		Lamped		Finish					
Internal accessories ⁵		External accessories ⁵		LPI	Lamp included	BL	Black	STG	Steel gray
ISS	Internal source shield ⁶	BD	Barn doors			BZ	Bronze	TVG	Terra verde green
CFAMB	Color filter amber ^{7,8}	GS	Glare shield			DDB	Dark bronze	WH	White
CFRED	Color filter red ⁸					DNA	Natural aluminum	CF	Custom finish
CFBLU	Color filter blue ⁸					GN	Green		
CFGRN	Color filter green ⁸					GR	Gray		
						SND	Sand		

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available in 120V only.
- 2 MVOLT is the standard voltage for fluorescent lamps
- 3 Available with T6 and T4 lamps only.
- 4 Available with E17 and TRT lamps only.
- 5 Accessories are mutually exclusive. Choose one.
- 6 Available with TSP and MFL distributions only.
- 7 Available with FL distribution only.
- 8 Not available with NHSP.

* Mounting not included.

7100



Intended Use

The 7000 Series floodlight is a compact, high-performance outdoor fixture used for facade and landscape lighting.

Features

- Die-cast aluminum housing and door with a polyester powder coat finish
- Weight: 37 pounds; EPA: 1.27 (does not include mounting accessories)
- 7 distributions available, distributions depend on lamp source

- HID to 150 watts and incandescent to 500 watts (all lamps must be rated for Universal Burn Position)
- Photo eyes and quartz re-strike options are available
- Integrally mounted ballasts rated for low temperature
- Available with knuckle and yoke mounts and a wide array of mounting accessories for tree, ground and pole mount

Listings

UL, cUL, IP65, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

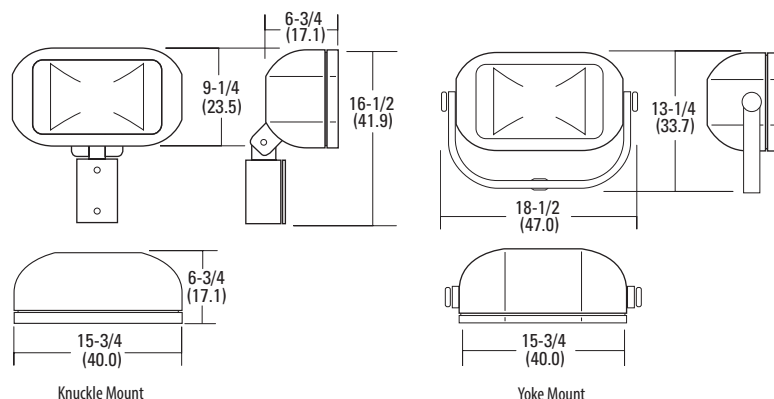
Example: 7100 150M 120 VFL KM WMSA BD SF LPI BL

Series	Lamp type						Voltage	Distribution		Mounting		Mounting accessories	
7100	Incandescent		Ceramic metal halide		High pressure sodium		120	NSP	Narrow spot ¹	KM	Knuckle mount	See pages 892-893.	
	250Q	T4, MC	70M	E17, medium	50S	E17, medium	208	NHSP	Narrow horizontal spot ²	YM	Yoke mount		
	300Q	T3, RSC	70CMT6	T6, G12	70S	E17, medium	220	SP	Spot				
	400Q	T3, RSC	100CM	E17, medium	100S	E17, medium	277	HSP	Horizontal spot				
	500Q	T3, RSC	150CM	E17, medium	150S	E17, medium	347	HFL	Horizontal flood ²				
	Metal halide		150CMT6	T6, G12			120/277	VFL	Vertical flood				
	70M	E17, medium	70CMTD	T7, RSC			TB	WFL	Wide flood				
	100M	E17, medium	150CMTD	T7, RSC									
	150M	E17, medium											
Options								Lamped		Finish			
Internal accessories		External accessories ⁴		Re-strike		LPI	Lamp included	BL	Black	STG	Steel gray		
ISS	Internal source shield ³	BD	Barn doors	QRS	Quartz emergency re-strike ballast ⁷			BZ	Bronze	TVG	Terra verde green		
CFAMB	Color filter amber	GS	Glare shield	QRSTD	Quartz emergency re-strike time delay ⁷			DDB	Dark bronze	WH	White		
CFRED	Color filter red	LC	Polycarbonate cover ⁵	Photo control				DNA	Natural aluminum	CF	Custom finish		
CFBLU	Color filter blue	Fusing		PE	Photo eye			GN	Green				
CFGRN	Color filter green	SF	Single fuse ⁵					GR	Gray				
		DF	Double fuse ⁶					SND	Sand				

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available with 70CMT6, 150CMT6 and 250Q lamps only.
- 2 Not available with RSC base lamps.
- 3 Not available with VFL or WFL distributions.
- 4 Accessories are mutually exclusive. Choose one.
- 5 Available with 120V, 277V or 347 HID only.
- 6 Available with 208V, 220V or 240V HID only.
- 7 Not available with NSP, WFL and HSP distribution.

7200

**Intended Use**

The 7200 Series floodlight is a high-performance fixture used for facade and area lighting.

Features

- Die-cast aluminum housing and door with a polyester powder coat finish
- Weight: up to 400 watt fixture = 50 pounds, 1000 watt head only = 40 pounds; EPA: 3.00 (does not include mounting accessories)
- 6 distributions available
- HID to 150 watts and incandescent to 500 watts (all lamps must be rated for Universal Burn Position)
- Photo eyes and quartz re-strike options are available
- Integrally mounted ballasts rated for low temperature
- Available with knuckle and yoke mounts and a wide array of mounting accessories for tree, ground and pole mount

Listings

UL, cUL, IP65, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

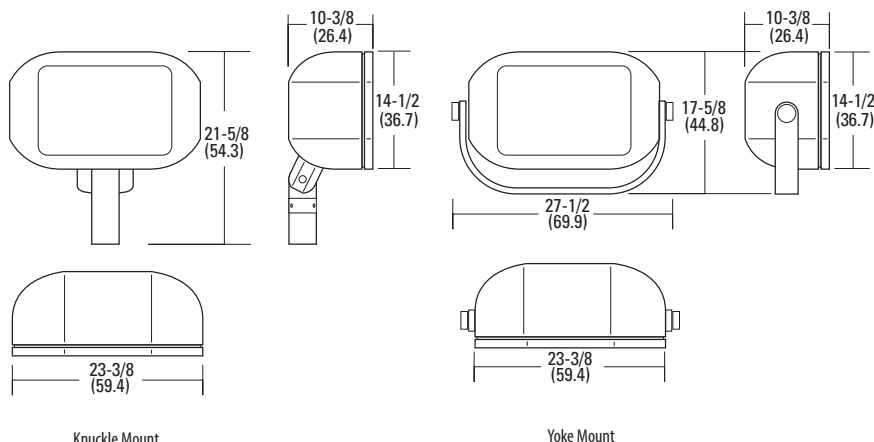
Example: 7200 400M 277 WFL KM ISS SCWA LPI BZ

Series	Lamp type	Voltage	Distribution		Mounting		Mounting accessories	Options	
7200	Metal halide	120	NHSP	Narrow horizontal spot	KM	Knuckle mount	See pages 892-893.	<u>Internal accessories</u>	
	200M ^{2,11}	208	SP	Spot	YM	Yoke mount		ISS	Internal source shield ¹
	250M	240	HSP	Horizontal spot				CFAMB	Color filter amber
	250MX ¹⁴	277	HFL	Horizontal flood				CFRED	Color filter red
	320M ¹²	347	VFL	Vertical flood				CFBLU	Color filter blue
	400M	120/277	WFL	Wide flood				CFGRN	Color filter green
	1000M ¹³	TB						<u>External accessories⁴</u>	
	<u>High pressure sodium</u>							BD	Barn doors
	250S							GS	Glare shield
	400S							LC	Polycarbonate cover
							EGL	Ext. grid louver ⁵	
Options (continued)			Lamped			Finish			
<u>Fusing</u>			LPI	Lamp included	BL	Black	STG	Steel gray	
SF	Single fuse ⁸		LPIH	Lamp included (horizontal burn) ¹²	BZ	Bronze	TVG	Terra verde green	
DF	Double fuse ⁷		LPIV	Lamp included (vertical burn) ^{11,12}	DDB	Dark bronze	WH	White	
<u>Receptacle</u>					DNA	Natural aluminum	CF	Custom finish	
PER	Photocell receptacle ⁸				GN	Green			
<u>Ballast</u>					GR	Gray			
SCWA	Super CWA pulse start				SND	Sand			
<u>Re-strike</u>									
QRS	Quartz emergency re-strike ballast								

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

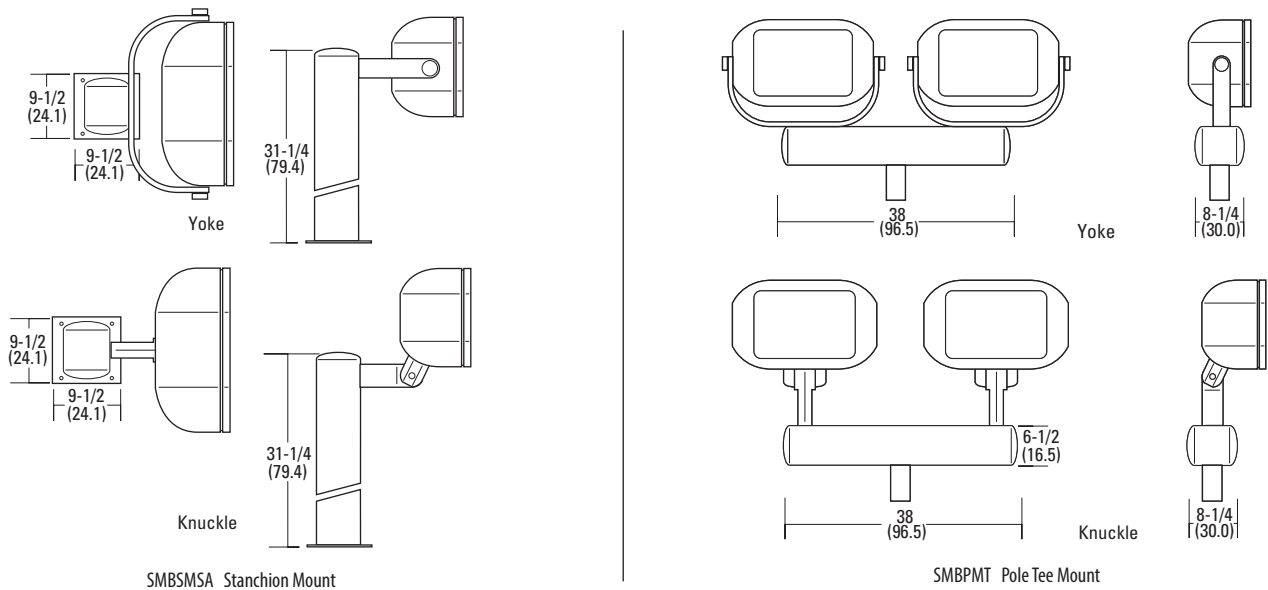
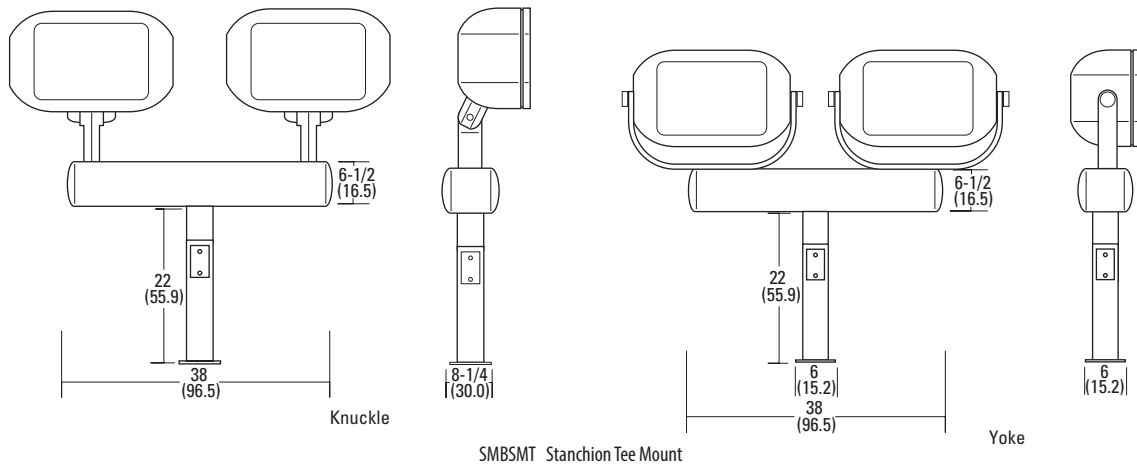
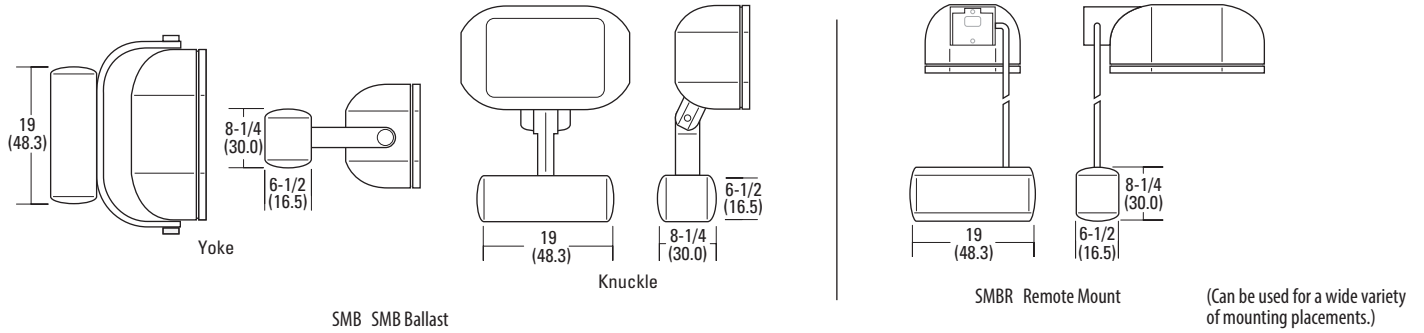
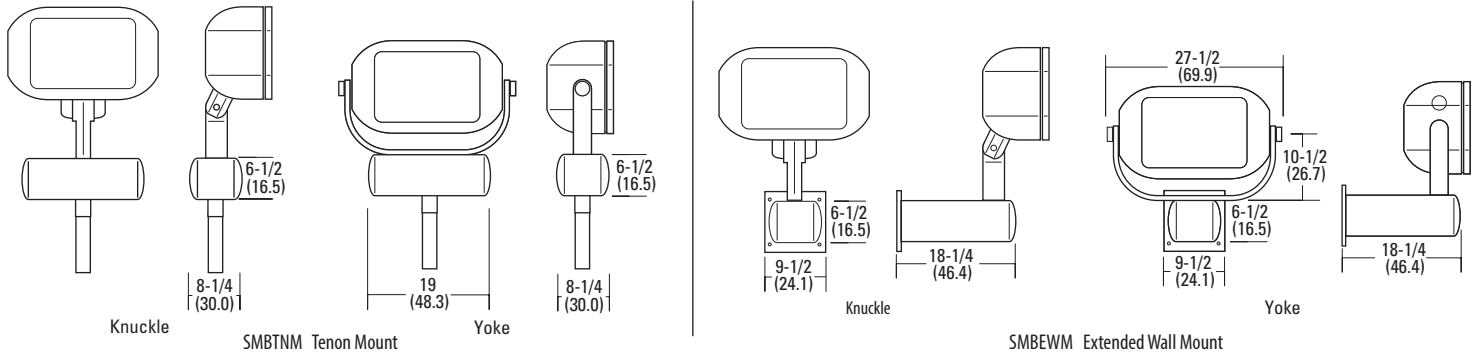
**Notes**

- 1 Available only with SCWA ballast.
- 2 200M and 350M are not available with SP distribution.
- 3 Not available with WFL distribution.
- 4 Accessories are mutually exclusive. Choose one.
- 5 EGL accessory available in matte black finish only.
- 6 Available with 120V, 277V or 347V HID only.
- 7 Available with 208V, 240V or 480V HID only.
- 8 NEMA twist-lock receptacle only; photocontrol by others.
- 9 Not available with TB, NHSP, SP, WFL or HSP.
- 10 Required on 200M, 250M, 250MX, 320M, 350M or 400M.
- 11 LPIV required on 200M.
- 12 LPIH or LPIV required on 320M or 350M.
- 13 1000M requires a remote SMB type ballast box, see page 892.
- 14 250MX meets CA Title 20 codes.

PRODUCT INFORMATION

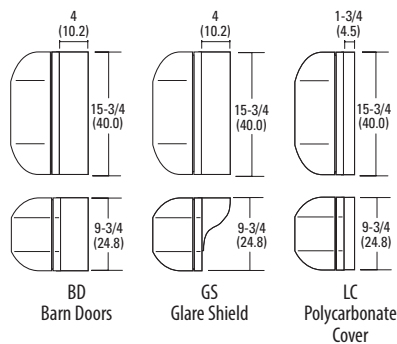
SMB Mounting Accessories

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

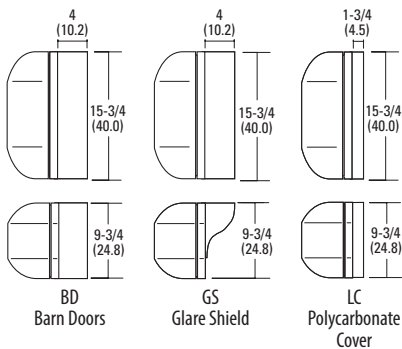


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7000



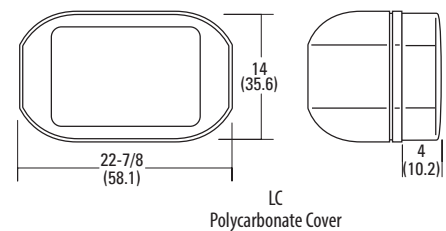
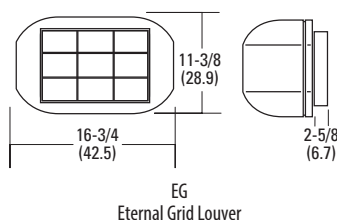
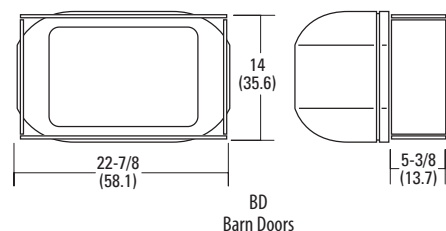
7100



7000 SERIES

ACCESSORIES

7200



SERIES	TYPE	MOUNT	NOM.	ARJB	FJB	PMSA	PMT	SMSA	TRJB	EWM	TNM	PAR	PAS	PATR	PATS	SMB	SMBEWM	SMBMSA	SMBSMT	SMBPMT	SMBTNM	SMBR
7000	Adjustable	Knuckle	KM	■	■	■	■ ¹	■ ²	■	■ ²		■ ²	■ ²	■ ^{1,2}	■ ^{1,2}							
7000	Adjustable	Yoke	YM	■	■	■	■ ¹	■ ²	■	■ ²		■ ²	■ ²	■ ^{1,2}	■ ^{1,2}							
7100	Adjustable	Knuckle	KM	■	■	■	■ ¹	■ ²	■	■ ²		■ ²	■ ²	■ ^{1,2}	■ ^{1,2}							
7100	Adjustable	Yoke	YM	■	■	■	■ ¹	■ ²	■	■ ²		■ ²	■ ²	■ ^{1,2}	■ ^{1,2}							
7100	Adjustable	Knuckle	KM	■		■	■ ¹	■ ²		■ ²	■	■ ²	■ ²	■ ^{1,2}	■ ^{1,2}							
7200 400W	Adjustable	Yoke	YM	■		■	■ ¹	■ ²		■ ²		■ ²	■ ²	■ ^{1,2}	■ ^{1,2}							
7200 400W	Adjustable	Knuckle	KM													■	■	■	■ ¹	■ ¹	■	■
7200 1000W	Adjustable	Yoke	YM													■	■	■	■ ¹	■ ¹	■	■

ARJB Architectural junction box
FJB Flush mount junction box
PMSA Pole mount
PMT Pole mount tee

SMSA Stanchion mount
HYDSMDB Stanchion mount direct burial
TRJB Tree mount junction box
EWM Extended wall mount

TNM Tenon mount
PAR Pole arm round
PAS Pole arm square
PATR Pole arm twin round

PATS Pole arm twin square
SMB Surface mounted ballast
SMBEWM SMB extended wall mount
SMBMSA SMB stanchion mount

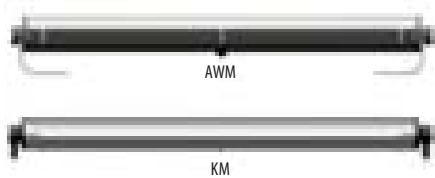
SMBSMT SMB stanchion tee mount
SMBPMT SMB pole mount tee
SMBTNM SMB tenon mount
SMBR SMB remote mount

Notes

- Two fixtures per mounting.
- Multiple lengths available, consult specification sheets.
- For more mounting information, see pages 895-897.

PRODUCT INFORMATION

4750



Intended Use

T5 and T5HO lamp performance, high-output symmetrical and asymmetrical distributions and simple design, make the Hydrel 4750 Series ideal for spreading soft, even illumination along walls, signs and planters.

Features

- Extruded A360 aluminum with die-cast aluminum end caps, all fasteners are stainless steel
- 5 distributions available with optional external glare control; Curved high-strength optical grade acrylic lens

- T5 and T5HO lamps up to 54 watts per lamp, MVOLT and 347 volt electronic ballasts
- Polarpack cold weather option available - polarpack will consume 19 watts when operating
- Knuckle mount available in single or continuous rows, adjustable wall mount for single mount only; 350 degrees of rotation

Listings

UL, cUL, IP65.

ORDERING INFORMATION

Specifications subject to change.

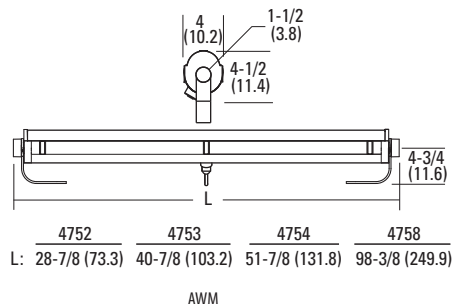
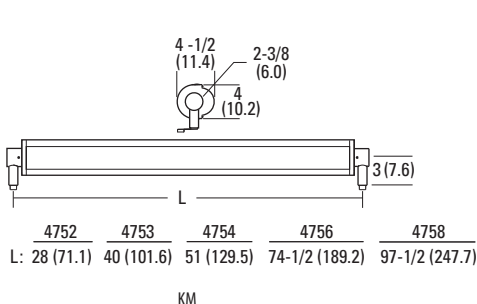
Example: 4754 54T5HO MVOLT MFL KM WMP FSS LPI DNA

Series	Lamp type							Voltage	Distribution		Mounting		Mounting accessories	
4752	4752		39T5HO 39W T5HO		4756		4758		MVOLT ²	WWD	Wall wash distribution	KM	Knuckle mount	See pages 895-897.
4753	14T5	14W T5	2/39T5HO Two 39W T5HO ¹		2/21T5	Two 21W T5		2/28T5	Two 28W T5		347	AWM	Adjustable wall mount ⁷	
4754	2/14T5	Two 14W T5 ¹	4754		4/21T5	Four 21W T5 ¹		4/28T5	Four 28W T5 ¹			VFL	Vertical flood	
4756	24T5HO	24W T5HO	28T5 28W T5		2/39T5HO	Two 39W T5HO		2/54T5HO	Two 54W T5HO			NFL	Narrow flood	
4758	2/24T5HO	Two 24W T5HO ¹	2/28T5 Two 28W T5 ¹		4/39T5HO	Four 39W T5HO ¹		4/54T5HO	Four 54W T5HO ¹			MFL	Medium flood	
	4753		54T5HO 54W T5HO									WFL	Wide flood ³	
	21T5	21W T5	2/54T5HO Two 54W T5HO ¹											
	2/21T5	Two 21W T5 ¹												
Runs		Options				Cord set length ⁶		Lamped		Finish				
ETE	End to end ¹⁰	External accessories ⁴				CSL_	10' - 50' of cord, available in 5' increments	LPI	3000K lamp included	BL	Black	STG	Steel gray	
For runs or end-to-end mounting, see specification sheet on www.hydrel.com		FSS	Flush source shield					LP35K	3500K lamp included	BZ	Bronze	TVG	Terra verde green	
		FVSR	Full visor					LP41K	4100K lamp included	DDB	Dark bronze	WH	White	
		HVSR	Half visor							DNA	Natural aluminum	CF	Custom finish	
		TPH	Tamper-proof hardware							GN	Green			
		Electrical								GR	Gray			
		PLPKX	Polarpack® cold weather option (120V) ⁴							SND	Sand			
		PLPKY	Polarpack® cold weather option (347V) ⁴											
		PLPKZ	Polarpack® cold weather option (240V-277V) ⁴											
		CW20	Cold weather ballast, -20°F (-29°C) starting temperature ^{5,9}											
		ELN	Emergency battery backup, half output ⁸											

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Available with WFL distribution only.
- 2 MVOLT multi-volt ballast range: 120V-277V, 50/60Hz.
- 3 WFL distribution only available with multiple lamp options as specified with note 1.
- 4 Accessories are mutually exclusive. Choose one.
- 5 Only available with WWD and WFL distributions using 54T5HO lamps.
- 6 Required for AWM mounting only. Specify cord length in feet. Not available with KM.
- 7 No mounting accessories with AWM.
- 8 Only available with 4754, 4758 using WWD or WFL distribution; 4756 using WWD distribution.
- 9 Not available with ELN or MVOLT.
- 10 ETE only available with KM.

FLOOD & LANDSCAPE LIGHTING

Mounting Accessories

■ = option available

FLOOD AND LANDSCAPE LIGHTING MOUNTING ACCESSORIES													
NOMENCLATURE	DESCRIPTION	4750 ¹	4519	4521	4524	4525	4610	4620	4630	4640	4650	4709	
NO BALLAST	ARJB	Architectural junction box	■	■		■	■	■	■	■	■	■	■
	EWM	Extended wall mount		■	■	■	■	■	■	■	■	■	■
	FJB	Flush mounted junction box	■	■		■		■	■	■	■	■	■
	JBA/JBB	Junction box aluminum/bronze	■	■	■	■	■	■	■	■	■	■	■
	MS/MSB	Mounting spike steel/bronze (12" or 18" – 12V only)				■		■	■				
	PS/PSS	Polymer ground spike open/sealed (18", 24" 36") ²	■	■	■	■	■	■	■	■	■	■	■
	PSSA	Pedestal stanchion mount	■	■	■	■	■	■	■	■	■	■	■
	SBA/SBB	Stake box aluminum/bronze (12" or 18") ³	■	■	■	■		■	■	■	■	■	■
	SMSA	Stanchion mount ⁷	■	■	■	■	■	■	■	■	■	■	■
	TRA/TRB	Tree mounted T-box aluminum/bronze			■		■						
	TRAS/TRBS	Tree strap ⁴		■	■	■	■	■	■	■	■	■	■
	WBC35R/WBC40	Wall box cover ^{3,5}					■	■					
	WMC	Wall mount cover ³	■	■		■	■	■	■	■	■	■	■
	WMSA	Wall mount with integral splice box	■	■	■	■	■	■	■	■	■	■	■
	WMSA EA/EAS	Wall mount with extended arms ⁷	■	■		■		■	■	■	■	■	■
	WMP	Wall mount plate	■	■		■		■	■	■	■	■	■
	WMP EA	Wall mount plate for extended arm ⁷	■	■		■		■	■	■	■	■	■
	WMP EAS	Wall mount plate with extended arm strut ⁷	■	■		■		■	■	■	■	■	■
BALLAST	AGB	Above-ground ballast (175W max. – remote)		■	■	■		■	■	■	■		■
	BPCA/BPCB	Big polymer combo box (175W max.)		■	■		■				■	■	■
	BPTA	Big polymer transformer box (300W max. low voltage)				■		■	■				
	BSB	Big surface box (175W max.) ⁵		■	■		■				■	■	■
	BSB EA	Big surface box with extended arms (175W max.) ⁷		■							■	■	■
	BSBTS	Big surface box with tree strap (175W max.) ⁵		■			■	■	■	■	■	■	■
	SPCA	Small polymer combo box (70W max.)		■	■	■	■	■	■	■	■		
	SPCB	Small polymer combo box (70W max.)		■	■	■	■	■	■	■	■		
	SSB	Small surface box (70W max.)		■	■	■	■	■ ⁵	■ ⁵	■	■	■	■
	SSB EA	Small surface box with extended arms (70W max.) ⁷		■		■		■	■	■	■	■	■
	SSBTS	Small surface box with tree strap (70W max.)		■		■	■	■ ⁵	■ ⁵	■	■	■	■
	TRMT	Tree mount transformer				■		■					

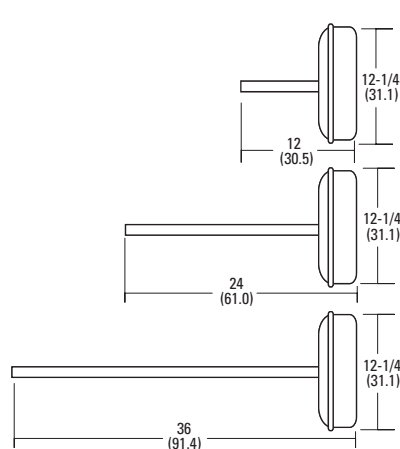
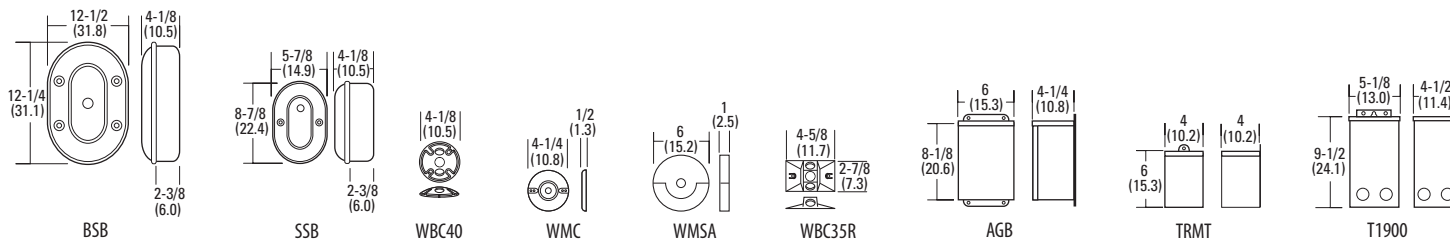
Please remember to order a ballast or transformer box.

Notes

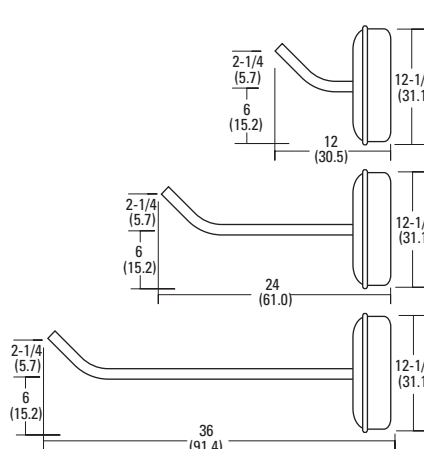
- Two of the selected mounting boxes will be provided.
- PS available in 12V only.
- Knuckle mount fixtures only.
- Specify up to four junction boxes per strap.
- Will accept two fixtures per mounting. To order with the fixture put 2/ in the lamp type category; for example: 4511 2/M35 12 SP WBC 40 DNA. Visit www.hydel.com for detailed information on any of the mounting options.
- For 120V portable applications only.
- Multiple lengths available consult specification sheets.

GROUND & WALL

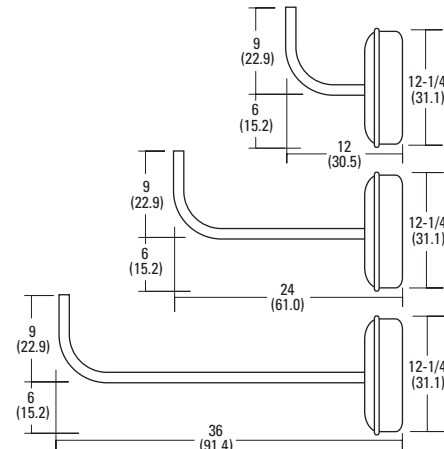
Mounting Accessories



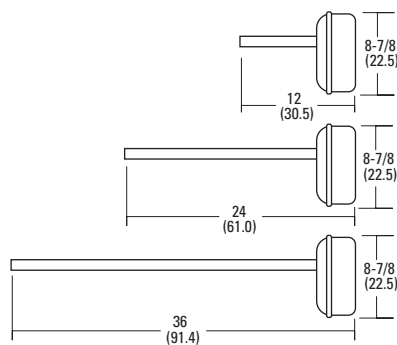
EA on BSB (HID 100 - 150W)



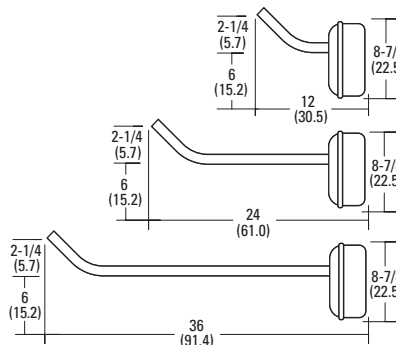
EA45 on BSB (HID 100 - 150 W)



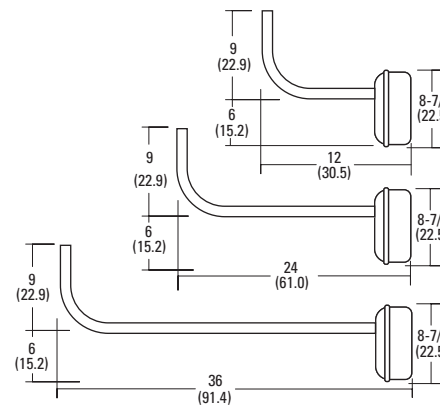
EA90 on BSB (HID 100 - 150 W)



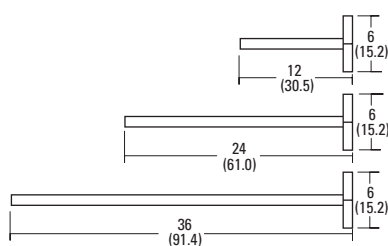
EA on SSB (LV, HID 35 - 70W)



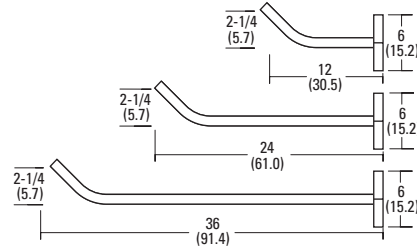
EA45 on SSB (LV, HID 35 - 70W)



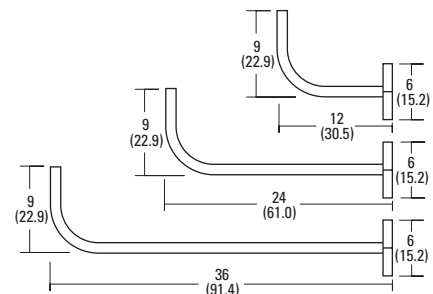
EA90 on SSB (LV, HID 35 - 70W)



EA on WMSA (Incandescent)



EA45 on WMSA (Incandescent)



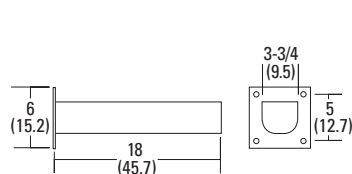
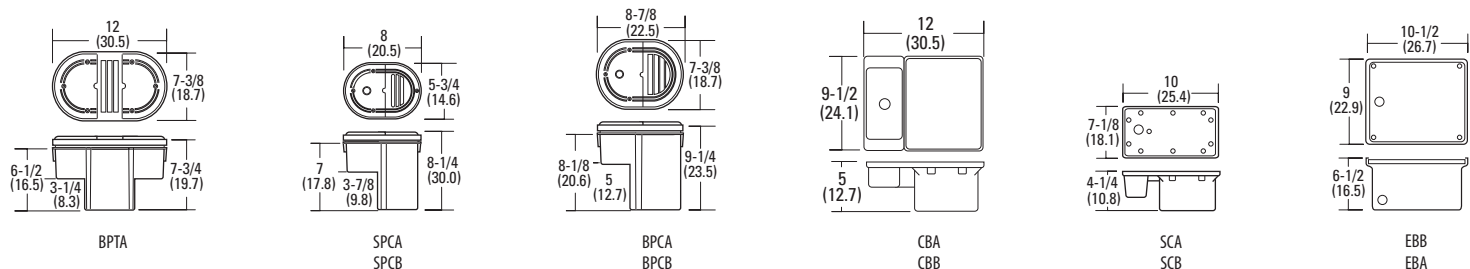
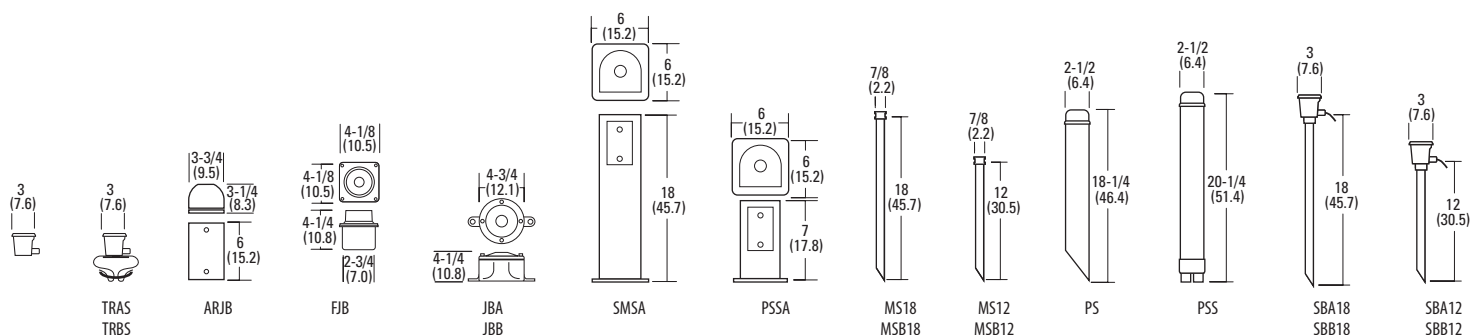
EA90 on WMSA (Incandescent)

Notes

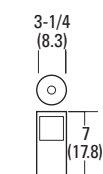
For WMP, SSBTS, BSBTS, visit www.hydel.com.

GROUND, TREE & POLE

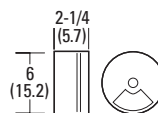
Mounting Accessories



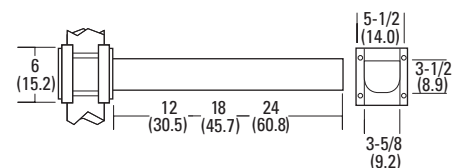
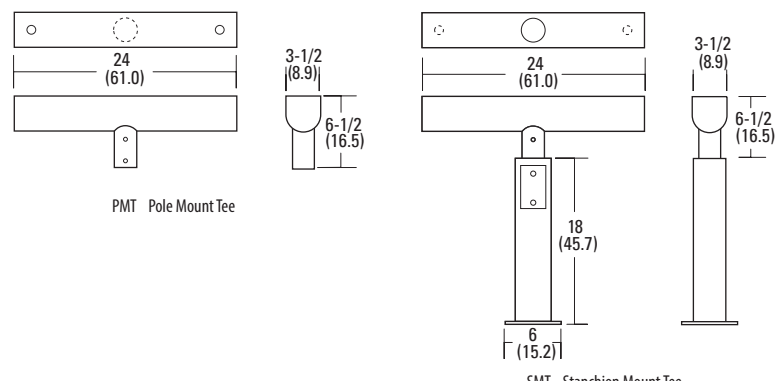
EWM Extended Wall Mount



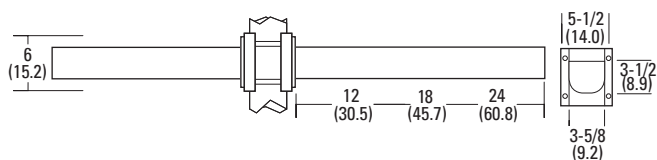
PMSA Pole Mount



TRJB Tree Mount



PAR4 Pole Arm Round
PAS4 Pole Arm Square



PATR4 Pole Arm Twin Round
PATS4 Pole Arm Twin Square

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PRODUCT INFORMATION

Accent Lighting

4610 4620

LED

**Intended Use**

The 4610 & 4620 series of small accent lights are available with both knuckle and yoke body styles for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- LED version is ideal for replacing 20-35 watt HID
- Fixture, yoke and knuckle made from copper-free aluminum A360, material is anodized or chem filmed prior to painting

- Fixtures are available with 45° glare shield as well as full glare shields in varying lengths
- 2 distribution choices for LED
- 4610 is 12 volt only, it requires an additional mounting box for a ballast or transformer
- 4620 includes an integral driver

Listings

UL, cUL, IP66, suitable for wet locations.

Example: 4620 LED WHT30K 120 SP KM LPI BL

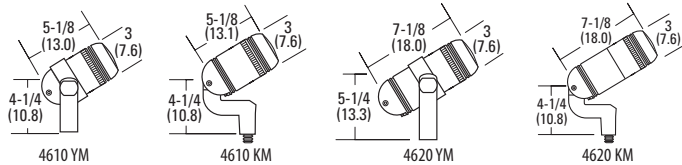
ORDERING INFORMATION

Specifications subject to change.

Series	LED	LED Color		Voltage	Distribution	Mounting	Mounting Accessories	Options	Cord Set Length ³	Lamped	Finish							
4610 ¹	LED	WHT30K	BLU	12 ¹	SP	KM	See pages 895-897.	External Accessories		CSL 10-50' of cord (available in 5' increments)	LPI Lamp included	BL	Black	GN	Green	TVG	Terra verde green	
4620		WHT41K	GRN	120 ²	MFL	YM		GS	45° Glare shield			BZ	Bronze	GR	Gray	SND Sand Steel gray	WH CF	White Custom finish
		WHT53K	RED					FGS	Full glare shield			DDB	Dark bronze					
		AMB						FGS_	Full glare shield 8", 10" OR 12"			DNA	Natural aluminum	STG				

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 12 volt standard on 4610 requires a remote transformer.
- 2 120 volt standard on 4620.
- 3 Cord only available on yoke mount.

PRODUCT INFORMATION

Accent Lighting

4610 4620

**Intended Use**

The 4610 & 4620 series of small accent lights are available with both knuckle and yoke body styles for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- Fixture, yoke and knuckle made from copper-free aluminum A360, material is anodized or chem filmed prior to painting
- Fixtures are available with 45° glare shield as well as full glare shields in varying lengths

- 2 distribution choices for HID, distribution by lamp source for PAR and MR16 lamps
- 4610 is 12 volt only, it requires an additional mounting box for a ballast or transformer
- 4620 includes an integral transformer or remote ballast

Listings

UL, cUL, IP66, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

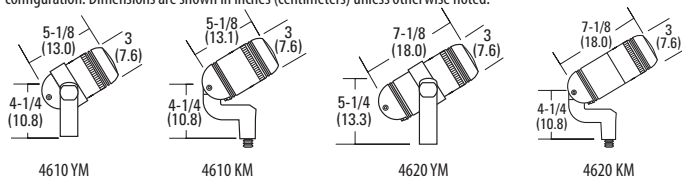
Example: 4610 M50 277 FL KM SSB IHL FGS LPI SND

Series	Lamp type	Voltage	Distribution ⁵	Mounting	Mounting accessories	Options	Cord set length	Lamped	Finish
4610 ¹	Low-voltage	12 ¹	NR	YM	Yoke mount	See pages 895-897.	Internal accessories	LPI Lamp included	BL Black
4620 ²	M20 ²	120	SP	KM	Knuckle mount		External Accessories		BZ Bronze
	M35 ²	208	NSP				FGS Full glare shield		DDB Dark bronze
	M50 ²	240					GS Glare shield		DNA Natural aluminum
	M75 ¹	277	FL				Fusing		GN Green
	Ceramic metal halide ³	347	NFL				SF Single fuse ⁶		GR Gray
	P2035CM	120/277	WFL				DF Double fuse ⁷		
	35CMT4 ⁴	MVOLT TB					Ballast		
							GEB Electronic ballast ⁸		

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Transformer, sold separately.
- 2 Transformer included on 4620 unless 12V is specified.
- 3 Separate ballast enclosure required; available on 4620 only, see pages 895-897.
- 4 Requires GEB ballast.
- 5 Not all distributions available with all lamp types;

use NR when not choosing LPI option.

- 6 SF is available with 120V, 277V or 347V on HID only.
- 7 DF is available with 208V or 240V on HID only.
- 8 Only available with metal halide lamps and MVOLT voltage.
- 9 Only valid with yoke mount.
- 10 Not available with 35CMT4 lamps.

Intended Use

The 4630 & 4640 series of medium sized accent lights are available with both knuckle and yoke body styles for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- Fixture, yoke and knuckle made from copper-free aluminum A360, material is anodized or chem filmed prior to painting
- Fixtures are available with 45° glare shield as well as full glare shields in varying lengths

- 3 distribution choices (may depend on lamp type), lens is tempered crowned glass for superior water dispersion
- HID versions require an external ballast box (see pages 895-897)
- Body styles available in knuckle with a 1/2 NPT or yoke mount with a minimum of 10' of 18-3 cord

Listings

UL, cUL, C.E., IP66, suitable for wet locations.

4630 4640

**ORDERING INFORMATION**

Specifications subject to change.

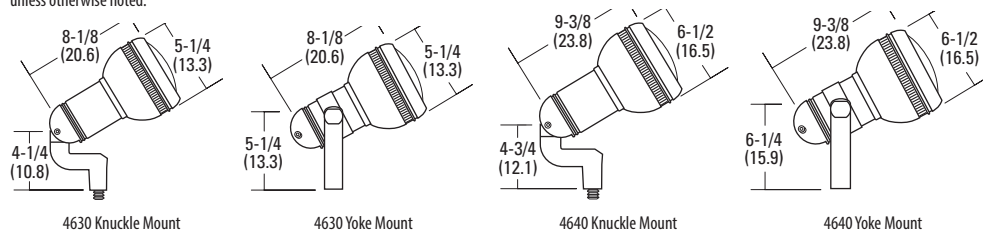
Example: 4630 P3070CM 120 SP KM SSB IHL LPI BL

Series	Lamp type				Voltage	Distribution		Mounting		Mounting accessories	Options
4630	Incandescent ¹	Ceramic metal halide ²	Metal halide ^{2,8}	High pressure sodium ^{2,8}	120	NR	No reflector ³	YM	Yoke mount	See pages 895-897.	<u>Internal accessories</u>
4640	P3883I ⁸	P3035CM ⁹	70M	70S	208	SP	Spot	KM	Knuckle mount		IHL Internal honeycomb louver
	P3075I ⁹	P3070CM ⁹	P3870M	100S	240	MFL	Medium flood ⁸				CFAMB Color filter amber
	P38150I ⁸	35CMT6 ⁸	P38100M		277	FL	Flood				CFBLU Color filter blue
	Quartz ^{1,8}	70CMT6 ⁸	100M		347						CFGRN Color filter green
	150Q	150CMT6 ⁹	150M		120/277						CFRED Color filter red
			P38150M		MVOLT ⁶						LSF Linear spread filter
					TB						
Options (continued)				Cord set length ⁷		Lamped		Finish			
<u>External accessories</u>				CSL_ 10' - 50' of cord, (available in 5' increments)		LPI Lamp included		BL	Black	SND	Sand
FGS	Full glare shield			SF	Single fuse ⁴			BZ	Bronze	STG	Steel gray
GS	Glare shield			DF	Double fuse ⁵			DDB	Dark bronze	TVG	Terra verde green
FGS_	Full glare shield 8", 10" or 12"			<u>Ballast</u>				DNA	Natural aluminum	WH	White
				GEB	Electronic ballast ⁶			GN	Green	CF	Custom finish
								GR	Gray		

ADDITIONAL INFORMATION

For additional product information, visit www.hydreL.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available in 120V only.
- 2 Separate ballast enclosure required.
- 3 Only valid if LPI is not chosen, on PAR lamps.
- 4 SF is available with 120V, 277V or 347V on HID only.
- 5 DF is available with 208V or 240V on HID only.
- 6 MVOLT default if GEB selected; only valid with metal halide lamps.
- 7 Only valid with yoke mount.
- 8 Available with 4640 only.
- 9 Available with 4630 only.

4640

LED



Visit www.hydrel.com for color changing LED specifications.



Intended Use

The 4640 LED Series medium sized accent lights is available with both knuckle and yoke body styles for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- Ideal for replacing 100 watt HID
- Available in monochromatic white, monochromatic colors or RGB DMX512 color mixing
- Fixture, yoke and knuckle made from copper-free aluminum A360, material is anodized or chem filmed prior to painting

- Fixtures are available with 45° glare shield as well as full glare shields in varying lengths
- 7 distributions available using culminators and one-piece optics
- Monochromatic fixtures have integral drivers, RGB fixtures require an additional box
- 1/2" NPT knuckle mount standard

Listings

UL, cUL, IP66, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

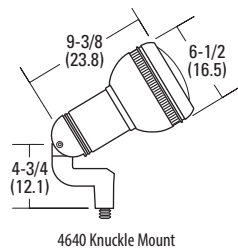
Example: 4640 12LED MVOLT SP KM BPTA IHL LPI DDB

Series	Lamp type	LED Color	Voltage	Distribution	Mounting	Power Supply ²	Mounting accessories ³	Control ²	Channel Programming ²
4640	12LED 18LED	WHT30K WHT41K WHT53K AMB BLU GRN RED RGB ¹	MVOLT (120-277)	SP Spot NFL Narrow flood MFL Medium flood FL Flood WFL Wide flood VWFL Very wide flood LSD Linear spread distribution	KM	BPTA BPTB	See pages 895-897.	3DMX ⁴ 4DMX ⁵	ST_ Static ⁶ SQ_ Sequent ⁷
Options			Driver Options		Lamped		Finish		
<u>Internal accessories</u>			LDIM 0-10 volt dimming ³		LPI Lamp included		BL Black	SND Sand	
IHL Internal honeycomb louver							BZ Bronze	STG Steel gray	
<u>External accessories</u>							DDB Dark bronze	TVG Terra verde green	
FGS Full glare shield							DNA Natural aluminum	WH White	
GS Glare shield							GN Green	CF Custom finish	
FGS_ Full glare shield 8", 10" or 12"							GR Gray		

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- ¹ RGB only available with 18LED and requires a power supply.
- ² Only available with RGB.
- ³ Not available with RGB.
- ⁴ 3DMX = 3 Channel; Red, Green, Blue.
- ⁵ 4DMX = 4 Channel; Red, Green, Blue, Intensity.
- ⁶ Static Channels - all fixtures will be programmed with the same set of numbers, specify starting #.
- ⁷ Sequential Channels - fixtures will be programmed with individual numbers, specify starting #.

4650

**Intended Use**

The 4650 series large accent lights is available with both knuckle and yoke body styles for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- Fixture, yoke and knuckle made from copper-free aluminum A360, material is anodized or chem filmed prior to painting
- Fixtures are available with 45° glare shield as well as full glare shields in varying lengths

- 7 distribution choices (may depend on lamp type), lens is tempered crowned glass for superior water dispersion
- HID versions require an external ballast box (see page 895-897)
- Body styles available in knuckle with a 1/2" NPT or yoke mount with a minimum of 10' of 18-3 cord

Listings

UL, cUL, C.E., IP66, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

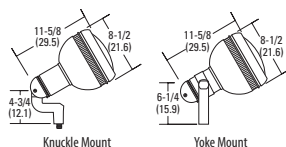
Example: 4650 150M TB SP KM BSB FGS IHL LP DDB

Series	Lamp type				Voltage		Distribution ⁴				Mounting		Mounting accessories
4650	<u>Incandescent</u> ¹	<u>Ceramic metal halide</u> ²	<u>Metal halide</u> ²	P38100M	120	120/277	NR	No reflector	MFL	Medium flood	YM	Yoke mount	See pages 895-897.
	P38100I	70CMT6	70M	P38150M	208	480	TSP	Tight spot	FL	Flood	KM	Knuckle mount	
	250Q	P38100CM	100M		240	MVOLT ³	SP	Spot	NFL	Narrow flood			
	P56300I	150CMT6	150M		277	TB	NSP	Narrow spot	WFL	Wide flood			
					347								
Options				Cord set length ⁸		Lamped		Finish					
<u>Internal accessories</u>		CFGRN	Color filter green	<u>Fusing</u>	CSL_	10'-50' of cord (available in 5' increments)		LPI	Lamp included	BL	Black	SND	Sand
IHL	Internal honeycomb louver	CFRED	Color filter red	SF	Single fuse ⁵					BZ	Bronze	STG	Steel gray
CFAMB	Color filter amber	<u>External accessories</u>		DF	Double fuse ⁶					DDB	Dark bronze	TVG	Terra verde green
CFBLU	Color filter blue	FGS	Full glare shield	<u>Ballast</u>						DNA	Natural aluminum	WH	White
		GS	Glare shield	GEB	Electronic ballast ⁷					GN	Green	CF	Custom finish
										GR	Gray		

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 120V only.
- 2 Separate ballast enclosure required.
- 3 Standard on metal halide lamps with GEB ballasts.
- 4 Not all distributions available with all lamp types; use NR when not choosing LPI on PAR lamps.
- 5 SF is available with 120V, 277V or 347V on HID only.
- 6 DF is available with 208V or 240V on HID only.
- 7 GEB default if MVOLT selected; only valid with metal halide lamps.
- 8 Only valid with yoke mount.

PRODUCT INFORMATION

Accent Lighting

Intended Use

The Blakely Series asymmetric accent light with a knuckle mount for use in a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- T-6 HID based asymmetric throw
- Reflector extruded from 6463 - T5 aluminum knuckle machined from 6061 - T6 aluminum. Available in 12 standard finishes

- Fixture available with short visor to control glare
- Requires an external ballast enclosure, see specification sheet for options
- Mounts to any standard 1/2" NPS/NPT threaded hole

Listings

UL: Suitable for wet location.

BLAKELY

**ORDERING INFORMATION**

Specifications subject to change.

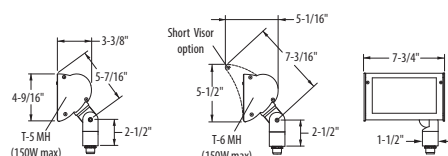
Example: BLAKELY 70CMT6 MVOLT L1 B1 SV BL

Series	Lamp type	Voltage	Lens	Mounting accessories	Options	Finish		
BLKL	35CMT6	120	L0	Clear	<u>Internal</u> IHL Internal honeycomb louver <u>External</u> SV Short visor	BL	Black	NBS Natural bronze
	70CMT6	277	L1	Prismatic		BRS	Bronze smooth	VET Verde
	150CMT6	MVOLT	L3	Softening		BRT	Bronze texture	DDB Dark bronze
						WH	White	DNA Natural aluminum
						SIS	Silver	DBL Smooth black

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



PRODUCT INFORMATION

Accent Lighting

4519

**Intended Use**

The 4519 Bullet Series accent lights is suitable for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- Cast aluminum body with a cast bronze knuckle, stainless steel fasteners
- Suitable for PAR20, PAR30 & PAR38 style lamps up to 250 watts

- Distributions are dictated by lamp type, lens is convex and available in clear, red, green, blue or amber
- Incandescent fixtures are 120 volt only, HID fixtures require a separate ballast housing (see page 905)
- Mounting: Adjustable knuckle is 1/2" NPT

Listings

UL, CSA, C.E., IP66, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

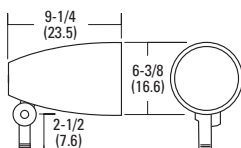
Example: 4519 P38250I 120 SP CLC LPI DDB

Series	Lamp type	Voltage	Distribution ⁴	Lens ⁵	Mounting accessories	Options	Lamped	Finish									
4519	Incandescent ¹	P3870CM	120	NR	No reflector	CLC	Convex lens clear ⁶	See pages 895-897.	<u>External accessories</u>	LPI	Lamp included	BL	Black	SND	Sand		
	P38100I	P38100CM	208	SP	Spot	CLA	Convex lens amber					GS	Glare shield	BZ	Bronze	STG	Steel gray
	P38120I	<u>Metal halide²</u>	240	FL	Flood	CLA	Convex lens amber					<u>Fusing</u>		DDB	Dark bronze	TVG	Terra verde green
	P38250I	P3870M	277	WFL	Wide flood	CLB	Convex lens blue					SF	Single fuse ⁷	DNA	Natural aluminum	WH	White
	<u>Ceramic metal halide²</u>	P38100M	347			CLG	Convex lens green					DF	Double fuse ⁸	GN	Green	CF	Custom finish
	P2035CM	P38150M	120/277			CLR	Convex lens red					<u>Ballast</u>		GR	Gray		
												GEB	Electronic ballast				

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available with 120V only.
- 2 Separate ballast enclosure required for HID models.
- 3 MVOLT is standard on metal halide lamps with GEB ballast option.
- 4 Not all distributions available with all lamp types;

use NR when not using LPI option.

- 5 Incandescent fixtures do not ship with a lens.
- 6 CLC will be used if no lens is chosen on HID.
- 7 SF is available with 120V or 277V on HID only.
- 8 DF is available with 208V, 220V or 240V on HID only.

PRODUCT INFORMATION

Accent Lighting

4521

**Intended Use**

The graceful style of this adjustable up-light is used extensively for spot or floodlighting shrubs, trees and building facades.

Features

- Heavy gauge spun copper body with cast bronze knuckle
- Standard finish is bright dipped copper that will patina naturally over time, painted finishes also available
- Available with PAR38 Incandescent lamps and PAR38 and E17 HID lamps up to 150 watts

- External 45° glare shield and full glare shields available
- Incandescent fixtures are 120 volt only, HID fixtures require a separate ballast housing (see page 905)
- Mounting: Adjustable knuckle is 3/4" NPT

Listings

UL.

ORDERING INFORMATION

Specifications subject to change.

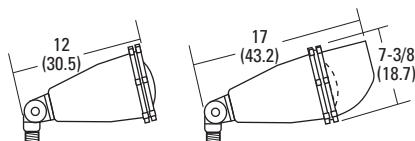
Example: 4521 100M 120 SP CLC BPCA GS LPI BZ

Series	Lamp type			Voltage	Distribution ⁴		Lens		Mounting accessories	Options	Lamped		Finish ⁸				
4521	Incandescent ¹	P3870CM	100CM	120 ¹	SP	Spot	CLC	Convex lens ⁵	See pages 895-897.	<u>External accessories</u>		LPI	Lamp included	BL	Black	SND	Sand
	P38100I	P38100M	150CM	208	FL	Flood				FGS	Full glare shield			BZ	Bronze	STG	Steel gray
	P38150	P38100CM	100M	240			CLA	Convex lens amber		GS	Glare shield			DDB	Dark bronze	TVG	Terra verde green
	Metal halide ²	P38150M	<u>High pressure sodium²</u>	277			CLB	Convex lens blue		<u>Fusing</u>							
	P3035CM	70M	70S	347						SF	Single fuse ⁶			DNA	Natural aluminum	WH	White
	P3070CM	70CM	120/277			CLG	Convex lens green	DF		Double fuse ⁷							
	P3870CM	100M	150S	MVOLT ³						<u>Ballast</u>				GN	Green	CF	Custom finish
							CLR	Convex lens red		GEB	Electronic ballast			GR	Gray		

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Available with 120V only.
- 2 Separate ballast enclosure required for HID models.
- 3 MVOLT is standard on metal halide lamps with GEB ballast option.
- 4 E17 lamps valid with flood (FL) distribution only.

5 CLC is the default lens.

6 SF is only available with 120V, 277V or 347V on HID only.

7 DF is only available with 208V, 220V, 240V on HID only.

8 Paint finish is optional; standard fixture is natural copper.

PRODUCT INFORMATION

Accent Lighting

Intended Use

The 4709 Bullet Series accent lights is suitable for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- Cast aluminum body and knuckle, stainless steel fasteners
- Suitable for PAR38 style incandescent and metal halide lamps up to 150 watts

- Distributions are dictated by lamp type, lens is convex and available in clear, red, green, blue or amber
- Incandescent fixtures are 120 volt only, HID fixtures require a separate ballast housing (see pages 905)
- Mounting: Adjustable knuckle is 1/2" NPT

Listings

UL, cUL, suitable for wet locations.



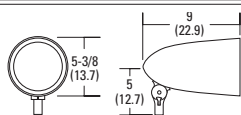
4709

Example: 4709 P3870CM 120 SP CLC SPCA LPI BL

ORDERING INFORMATION				Specifications subject to change.										Example: 4709 P3870CM 120 SP CLC SPCA LPI B							
Series		Lamp type		Voltage		Distribution		Lens				Mounting accessories									
4709	<u>Incandescent</u> ¹		<u>Metal halide</u> ²		120	347	NR	No reflector	CLC	Convex lens clear ⁴	CLG	Convex lens green	See page 895-897.								
	P3883I		P3870CM		208	120/277	SP	Spot	CLA	Convex lens amber	CLR	Convex lens red									
	P38150I		P38100M		240	MVOLT ³	FL	Flood	CLB	Convex lens blue											
			P38150M		277	TB															
Options							Lamped		Finish												
<u>Internal accessories</u>		<u>External accessories</u>		<u>Fusing</u>		<u>Ballast</u>		LPI	Lamp included	BL	Black	DNA	Natural aluminum	SND	Sand	WH	White				
IHL	Internal honeycomb louver	GS	Glare shield	SF	Single fuse ⁵	GEB	Electronic ballast ⁷			BZ	Bronze	GN	Green	STG	Steel gray	CF	Custom finish				
				DF	Double fuse ⁶					DDB	Dark bronze	GR	Gray	TVG	Terra verde green						

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Incandescent models valid with 120V only.
- 2 Separate ballast enclosure required for HID models.
- 3 Standard on metal halide lamps with GEB ballast.
- 4 CLC lens provided on all HID models, optional on incandescent.

- 5 SF available with 120V, 277V or 347V on HID only.
- 6 DF available with 208V, 220V or 240V on HID only.
- 7 Only available with metal halide lamps and MVOLT voltage.

PRODUCT INFORMATION

Accent Lighting

Intended Use

The Pine Series accent lights is suitable for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- LED (15W), HID and halogen (up to 150W) light source options
- Body and cap cast from 356-T6 aluminum, knuckle machined from 6061-T6 aluminum, stainless hardware

- Distributions are dictated by light source. Borosilicate glass lens, optional watershed lens
- LED fixtures available in 120V or 277V, halogen fixtures are 120 volt only, HID fixtures require a separate ballast enclosure
- Mounting: Adjustable knuckle is 1/2" NPT

Listings

ETL, UL, suitable for wet locations.



PINE

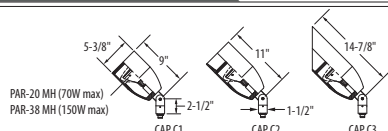


Example: PINE 9LED38 30K MVOLT SP FLC LPI BKS

Series	Source					LED Color Temp ¹		Voltage	Distribution					LENS	
PINE	LED 9LED38	Low voltage ⁴	Incandescent	Metal Halide ²	P8150CM	27K	12 ³	PAR and AR111	15DEG	40DEG	CMT6	LED	FLC	Flat	
		AR11150ILV	P3075I	P3035CM	35CMT6	30K	120	5DEG	16DEG	45DEG	SP	SP	WSL	Watershed	
		AR11175ILV	P3890I	P3070CM	70CMT6	35K	277	8DEG	20DEG	55DEG	NFL	NFL			
		P36350ILV	P38120	P30870CM	150CMT6	40K	MVOLT	10DEG	25DEG	60DEG	MFL	FL			
		P36335ILV		P38100CM		50K		15DEG	30DEG	65DEG	WFL				
Options					Cap Styles		Lamped	Finish							
Internal Accessory		Internal Filters		FM	Filter mercury	C11	Short flush	LPI	BKS	Black smooth	WHT	White textured	NBS	Natural bronze smooth	
IHL		FA	Amber	FMB	Medium blue	C2	Lens recessed		BKT	Black textured	SIS	Silver smooth	VET	Verde textured	
Accessory Lenses		FG	Green	FR	Filter red	C3	45° cutoff		BRS	Bronze smooth	IVS	Ivory smooth	SAT	Sand textured	
L1	Prismatic	FGD	Green dichroic	FRD	Filter red dichroic				BRT	Bronze textured	CHS	Chrome smooth	CF	Custom finish	
L2	Linear	FLB	Light blue						WHS	White smooth					
L3	Softening														

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Only valid with LED source.
- 2 Requires ballast enclosure, see page 905 for options.
- 3 Only valid with low voltage lamps without transformers.
- 4 Can be ordered with transformer enclosure (see page 905) for remote transformer.

ASPEN



Intended Use

The Aspen Series accent lights is suitable for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- LED (6W) and halogen (up to 50W) light source options
- Body, cap and knuckle machined from 6061-T6 aluminum, stainless hardware

- Distributions are dictated by light source; Borosilicate glass lens, optional watershed lens
- Fixtures are 12V only, remote transformer required
- Mounting: Adjustable knuckle is 1/2" NPT

Listings

ETL, UL, suitable for wet Location.

ORDERING INFORMATION

Specifications subject to change.

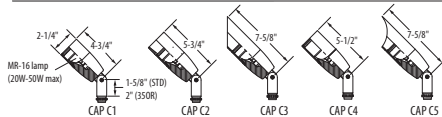
Example: ASPEN SS 3LED16 30K 12 10DEG WLC KM CN5 LPI BRS

Series	Lamp	Source	LED Color ¹	Voltage	Distribution ⁴	Lens	Mounting
ASPEN	A Alum.	LED	27K	12 ²	10DEG	FLC Flat clear	KM Knuckle
	BR Brass	3LED16	30K	120 ³	12DEG	WLC Watershed	350R 350° rotational knuckle
	SS Stainless steel		35K	277 ³	23DEG		
			40K		24DEG		
			50K		60DEG		

Mounting Accessories	Options	Lamping	Finish	MOD
See page 905.	<u>Internal Flare</u> IHL <u>Internal Lens</u> L1 Prismatic L2 Linear L3 Softening	FM Filter mercury FMB Medium blue FMBD Medium blue dichroic External Glare C1 Short flush C2 Lens recessed C3 45° cutoff C4 Long flush C5 45° scalloped	BKS Black smooth BKT Black textured BRS Bronze smooth BRT Bronze textured WHS White smooth WHT White textured SIS Silver smooth IVS Ivory smooth CHS Chrome smooth NBS Natural bronze smooth VET Verde textured SAT Sand textured CPF Custom finish	MOD

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 LED lamp source only.
- 2 12 only valid with low voltage lamps.
- 3 Requires transformer enclosure, see page 905 for options.
- 4 Distributions determined by lamp source, see spec sheets for details.

PRODUCT INFORMATION

Accent Lighting

PALM



Intended Use

The Palm Series accent lights is suitable for a variety of mounting applications including ground, wall, tree, sign and architectural accents.

Features

- HID and halogen (up to 75W) light source options
- Body, cap and knuckle machined from 6061-T6 aluminum, stainless hardware

- Distributions are dictated by light source; Borosilicate glass lens, optional watershed lens
- Voltage is dictated by light source, HID fixtures require a separate ballast enclosure
- Mounting: Adjustable knuckle is 1/2" NPT

Listings

ETL, UL, suitable for wet Location.

ORDERING INFORMATION

Specifications subject to change.

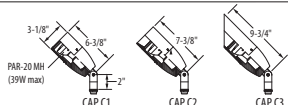
Example: PALM A M42 12 8DEG FLC KM CN4 DDB

Series	Material	Source	Voltage	Distribution	LENS	Mounting	Mounting Accessories
PALM	A Aluminum	Low voltage	12 ²	8DEG	24DEG	38DEG	FLC Flat clear
	BR Brass	M42	120	10DEG	25DEG	60DEG	WLS Watershed
		Low voltage long life ¹	277	12DEG	30DEG		
		Incandescent	MVOLT	23DEG	36DEG		
		Metal halide					

Options	Lamping	Finish	Modification
<u>Internal Acc.</u> IHL Honeycomb FA Filter amber FG Filter green FGD Green dichroic FLB Filter light blue	FM Filter mercury FMB Filter medium blue FMBD Filter medium dichroic FR Filter red FRD Red dichroic	C1 Cap - short flush C2 Cap - recessed flush C3 Cap - 40° glare	BL Black BRS Bronze smooth BRT Bronze textured CHS Chrome smooth DBL Black smooth DDB Dark bronze DNA Natural aluminum NBS Natural bronze smooth SIS Silver smooth VET Verde textured WH White NAT Brushed brass w/ static clear POL Polished brass w/ gloss clear BRZ Satin bronze w/ gloss clear

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.



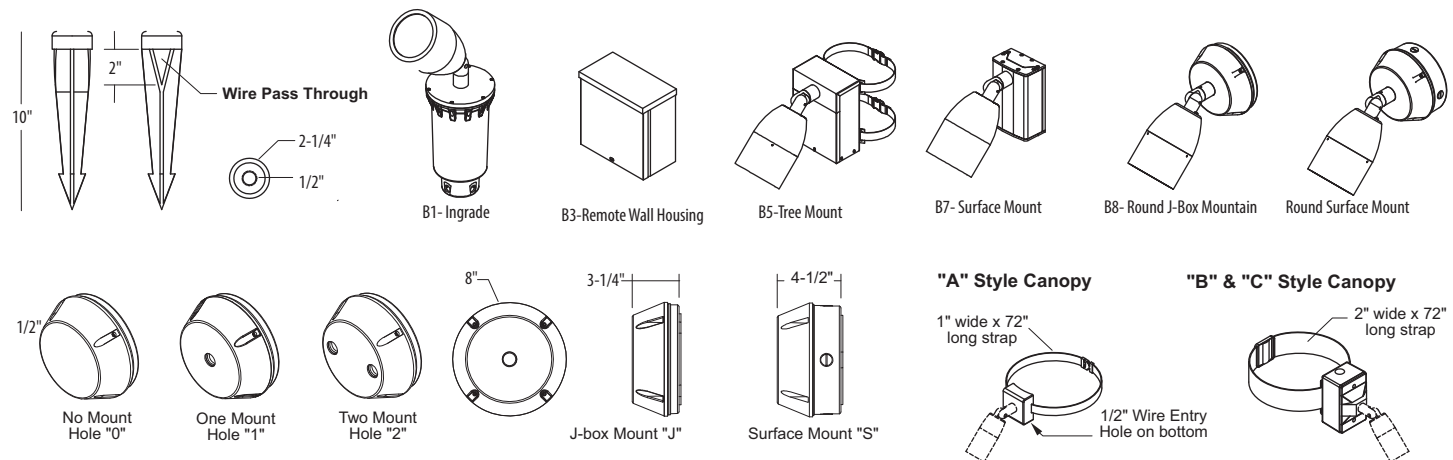
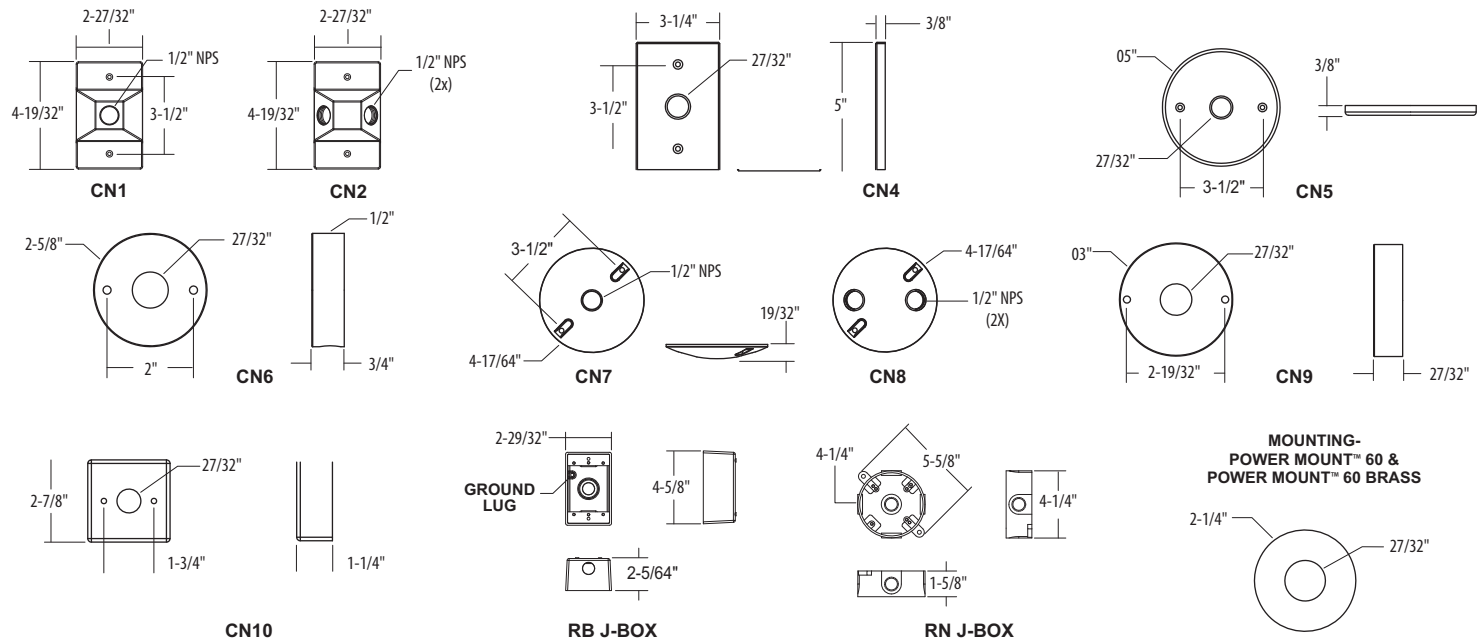
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Notes

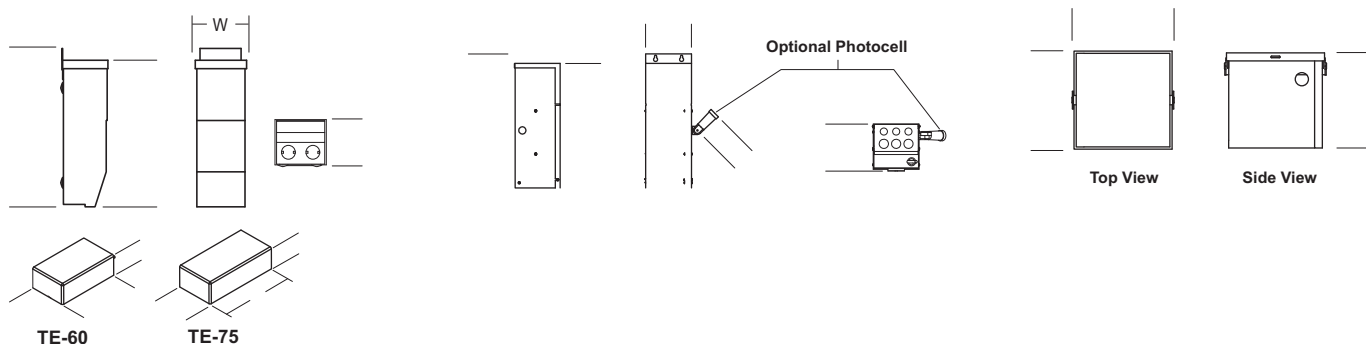
- 1 Separate transformer (low voltage) or ballast (HID) enclosure required.
- 2 Only available with low voltage lamps.
- 3 Distributions determined by lamp source, consult spec sheets for details.

WINSCAPE MOUNTING & TRANSFORMERS

CANOPIES & MOUNTING

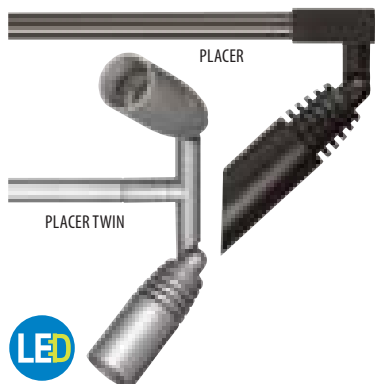


TRANSFORMERS



PRODUCT INFORMATION

PLACER PLACER TWIN

**Intended Use**

Placer and Placer Twin Series consists of a single and double headed sign light suitable for lighting small to medium sized signs and architecture and can be mounted in any orientation.

Features

- LED (2x 6W) and halogen (up to 2x 50W) light source options
- Bodies, caps, knuckles, tees and stem machined from 6061-T6 aluminum, stainless hardware
- Distributions are dictated by light source
- Borosilicate glass lens available; watershed lens optional

- Fixtures are 12V only, remote transformer required, unless "powered" mounting option is specified

- Mounting varies based on specification

- Multiple stem lengths & configurations available

Listings

ETL, UL, suitable for wet Location.

ORDERING INFORMATION

Specifications subject to change.

Example: PLACER M20 12 36DEG WSL CN5 S24 C3 LPI BL

Series	Source		LED Color Temp ¹	Voltage	Distribution	LENS		Mounting Plate		Mounting Stems	
PLACER	Placer	Placer Twin	27K	12 ²	10DEG	FLC	Flat clear	CN4	Rectangular canopy	S6-S48	Straight stems avail. in 6" increments from 6"-48"
PLACER TWIN	3LED16	2/3LED16	30K	120 ²	12DEG	WSL	Watershed	CN5	Round 4" Canopy	S4510-S4546	45° stems avail. in 6" increments from 10"-46"
	M20	2/M20	35K	277 ³	23DEG			For power enclosure see page 905.		S9010-S9046	90° stems avail. in 6" increments from 10"-46"
	M35	2/M35	40K	24DEG	S18010-S18046			90° stems avail. in 6" increments from 10"-46"			
	M42	2/M42	50K	25DEG							
	M50	2/M50	36DEG								
	M20LL	2/M20LL	38DEG								
	M35LL	2/M35LL	40DEG								
	M50LL	2/M50LL	60DEG								

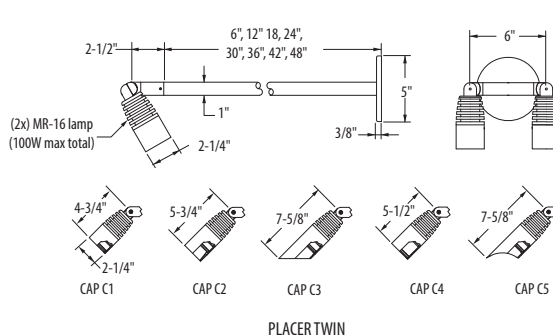
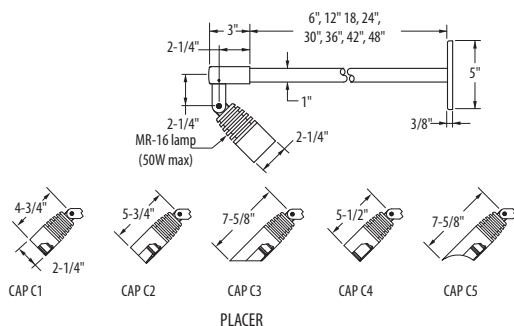
Options⁴

Internal	Internal Filters	External	Lamped	Finish	Optional Modification
IHL Honeycomb	FA Filter amber	C1 Short flush	LPI	BL Black	MOD
L1 Prismatic lens	FG Filter green	C2 Recessed lens		DBL Smooth black	
L2 Linear lens	FGD Filter green dichroic	C3 45° cutoff		DDB Dark bronze	
L3 Softening lens	FLB Filter light blue	C4 Long flush		BRS Bronze smooth	
	FM Filter mercury vapor			BRT Bronze textured	
	FMB Filter medium blue			CHS Chrome smooth	
	FMBD Filter medium blue dichroic			DNA Natural aluminum	
	FR Filter red			NBS Natural Bronze	
	FRD Filter red dichroic			SIS Silver smooth	
				VET Verde textured	
				WH White	

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

**Notes**

- 1 LED only.
- 2 Does not include transformer.
- 3 Requires a transformer enclosure, see page 905.
- 4 Up to 3 internal accessories allowed.

PRODUCT INFORMATION

Area Lighting

Intended Use

The Gem Series is a single direction, non adjustable light suitable for wall mounting to accent architecture and columns. Can be mounted in any orientation.

Features

- LED (6W) and halogen (up to 50W) light source options
- Body, cap, arm and mount canopies machined from 6061-T6 aluminum, stainless hardware

- Distributions are dictated by light source; Borosilicate glass lens, standard watershed lens
- Fixtures are 12V only, remote transformer required
- Mounting vaires based on specification

Listings

ETL, UL, suitable for wet locations.



GEM

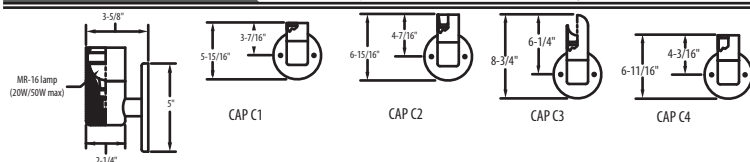


Example: GEM 3LED16 27K 12 10DEG CN5 C4 LPI DNA

Series	Source					Color Temperature ¹			Voltage	Distribution ^{2,3}		Mounting accessories		Options			
GEM	3LED16	LED 3 up round	M35	MR16 35W	Low voltage long life	27K		40K	12 ⁴	10DEG	25DEG	CN4	Rectangular canopy	Internal Louver	Internal Accessory		
			M42	MR16 42W	M20LL MR 16 20W	30K		50K		12DEG	36DEG			IHL Honeycomb louver	L1 Prismatic lens		
	Low voltage		M50	MR16 50W	M35LL MR 16 35W	35K				23DEG	40DEG	CN5	Round 4" canopy		L2 Linear spread lens		
	M20	MR16 20W			M50LL MR 16 50W					24DEG	60DEG				L3 Softening lens		
Options									Lamped	Finish					MOD		
Internal Filters			FM	Filter mercury vapor	External Caps			LPI	BL	Black textured	CHS	Chrome smooth	VET	Verde textured	MOD		
FA	Filter amber		FMB	Filter medium blue	C1	Short flush			DBL	Smooth black	DNA	Natural aluminum	WH	White			
FG	Filter green		FMBD	Filter medium blue dichroic	C2	Recessed lens			BRS	Bronze smooth	NBS	Natural bronze	POL	Polished brass w/ gloss			
FGD	Filter green dichroic		FR	Filter red	C3	45° degree cutoff			BRT	Bronze textured	SIS	Silver smooth	BRZ	Satin bronze w/ gloss			
FLB	Filter light blue		FRD	Filter red dichroic	C4	Long flush											

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- LED only.
- 3LED16 available with 10DEG, 25DEG, 40DEG.
- Consult specification sheets for distributions for MR16.
- Remote transformer required.

PRODUCT INFORMATION

Area Lighting

Intended Use

The Benton series is a dual direction, non adjustable light suitable for wall mounting to accent architecture and columns. Can be mounted in any orientation.

Features

- LED (2x 6W) and halogen (up to 70W max total) light source option

- Body, cap, arm and mount canopies machined from 6061-T6 aluminum, stainless hardware
- Distributions are dictated by light source; Borosilicate glass lens, standard watershed lens

- Fixtures are 12V only, remote transformer required
- Mounting vaires based on specification

Listings

ETL, UL, suitable for wet location.



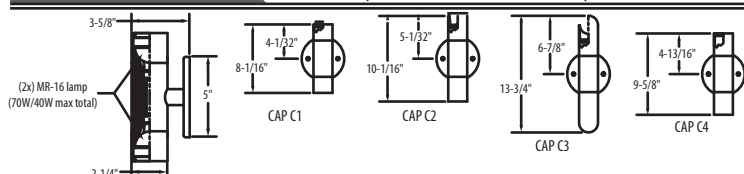
BENTON

Example: BENTON 2/3LED16 27K 10DEG CN4 LPI CHS

ORDERING INFORMATION															Specifications subject to change.				
Series	Source					Color Temperature ¹		Voltage	Distribution ^{2,3}		Mounting accessories		Options						
BENTON	2/3LED16	LED 2X 3up	<u>Low Voltage Long Life</u>			27K	40K	12 ⁴	10DEG	36DEG	CN4	Rectangular canopy	<u>Internal Louver</u>		<u>Internal Accessory</u>				
		<u>Low Voltage</u>											IHL	Honeycomb louver	L1	Prismatic lens			
	2/M20	2X MR16 20W	2/M20LL	2X MR16 20W		30K	50K								L2	Linear spread lens			
	2/M35	2X MR16 35W	2/M35LL	2X MR16 35W		35K									L3	Softening lens			
Options								Lamped	Finish				MOD						
<u>Internal Filters</u>			FM	Filter mercury vapor		<u>External Caps</u>		LPI	BL	Black textured	CHS	Chrome smooth	VET	Verde textured	MOD				
FA	Filter amber		FMB	Filter medium blue		C1	Short flush		DBL	Smooth black	DNA	Natural aluminum	WH	White					
FG	Filter green		FMBD	Filter medium blue dichroic		C2	Recessed lens		BRS	Bronze smooth	NBS	Natural bronze	POL	Polished brass w/ gloss					
FGD	Filter green dichroic		FR	Filter red		C3	45deg angle cut		BRT	Bronze textured	SIS	Silver smooth	BRZ	Satin bronze w/ gloss					
FLB	Filter light blue		FRD	Filter red dichroic		C4	Long flush												
ADDITIONAL INFORMATION			For additional product information, visit www.hydreel.com .																

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- LED only.
- 3LED16 available with 10DEG, 25DEG, 40DEG.
- Consult specification sheets for distributions for MR16.
- Remote transformer required see page 905.

PRODUCT INFORMATION

Down Lighting

PEPIN



Intended Use

The Pepin Series is a non adjustable down light suitable for ceiling mounting to provide accent or general lighting.

Features

- LED (6W) and halogen (up to 50W) light source options
- Body, cap and mount canopies machined from 6061-T6 aluminum, stainless hardware

- Distributions are dictated by light source; Borosilicate glass lens
- Fixtures are 12V only, remote transformer required
- Mounting varies based on specification

Listings

ETL, UL, suitable for wet location.

ORDERING INFORMATION

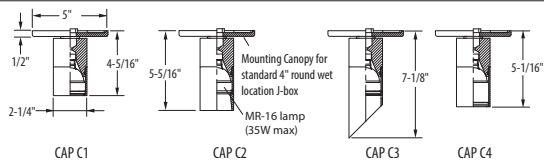
Specifications subject to change.

Example: PEPIN 3LED16 30K 10DEG CN5 IHL C4 LPI DBL

Series	Source		LED Color Temp		Voltage	Distribution ⁴		Mounting Accessories		Options ³						
PEPIN	3LED16 ⁵	<u>Low voltage</u>	27K	40K	12 ²	10DEG	25DEG	CN4	Rectangular canopy	<u>Internal</u>		<u>Internal Filters</u>		FM	Filter mercury vapor	
		<u>Low voltage</u>									IHL	Honeycomb	FA	Filter amber	FMB	Filter medium blue
	M20	M20LL	30K	50K			12DEG	36DEG	CN5	Round 4" canopy			FG	Filter green	FMBD	Filter medium blue dichroic
													FGD	Filter green dichroic	FR	Filter red
		M35	M35LL	35K			24DEG	40DEG	DCDM	Two part canopy	L2	Linear spread lens	FLB	Filter light blue	FRD	Filter red dichroic
										L3	Softening len					
Options ³ (continued)					Lamped		Finish			Optional Modification						
<u>External Caps</u>		C3	45° glare		LPI		BL	Black textured		BRT	Bronze textured		DBL	Smooth black		MOD
C1	Short flush	C4	Long flush				DBL	Black smooth		CHS	Chrome smooth		SIS	Silver smooth		
C2	Recessed lens						DDB	Dark bronze		DNA	Natural aluminum		VET	Verde textured		
							BRS	Bronze smooth		NBS	Natural bronze		WH	White		

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- 1 Only available with LED.
- 2 Requires remote transformer.
- 3 Up to 3 internal accessories allowed.
- 4 See individual specification sheets for source and distribution combinations.
- 5 3LED16 available with 10DEG, 25DEG and 40DEG.

PRODUCT INFORMATION

Down Lighting

MILLERTON



Intended Use

The Millerton Series is a non adjustable down light suitable hanging mount to provide accent or general lighting.

Features

- LED (6W) and halogen (up to 42W) light source options
- Body, cap and mount canopies machined from 6061-T6 aluminum, stainless hardware

- Distributions are dictated by light source. Borosilicate glass lens
- Fixtures are 12V only, remote transformer required
- Cable and mounting canopy not included

Listings

ETL, UL, suitable for wet locations.

ORDERING INFORMATION

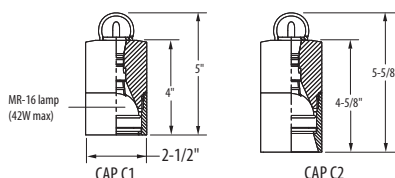
Specifications subject to change.

Example: MILLERTON 3LED16 27K 12 10DEG IHL FA C1 CSL LPI BL MOD

Series	Source		LED Color Temp		Voltage	Distribution ⁴		Options ³					External Caps		
MILLERTON	3LED16 ⁵	<u>Low voltage</u>	27K	40K	12 ²	10DEG	25DEG	<u>Internal</u>	<u>Internal Filters</u>		FM	Filter mercury vapor	C1	Short flush	
		<u>Low voltage</u>	30K	50K		12DEG	36DEG	IHL	Honeycomb	FA	Filter amber	FMB	Filter medium blue	C2	Recessed lens
		M20	35K	24DEG		40DEG	L1	Prismatic lens	FG	Filter green	FMBD	Filter medium blue dichroic			
		M35	M20LL	M35LL		L2	Linear spread lens	FGD	Filter green dichroic	FR	Filter red				
						L3	Softening lens	FLB	Filter light blue	FRD	Filter red dichroic				
Cord Set Length			Lamped		Finish							Modification			
CSL__ 5'-50' of cord available in 5' increments			LPI		BL Black textured		BRS Bronze smooth		DNA Natural aluminum		SIS Silver smooth		MOD		
					DBL Black smooth		BRT Bronze textured		NBS Natural bronze		VET Verde textured				
					DDB Dark bronze		CHS Chrome smooth		DBL Smooth black		WH White				

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- 1 Only available with LED.
- 2 Requires remote transformer.
- 3 Up to 3 internal accessories allowed.
- 4 See individual specification sheets for source and distribution combinations.
- 5 3LED16 available with 10DEG, 25DEG and 40DEG.

Intended Use

The Walden Series is a hooded step light designed for mounting in outdoor, wet location stairwells, retaining walls and other areas requiring a durable solution.

Features

- LED (6W) and halogen (up to 50W) light source options
- Faceplate cast from brass, cap and body machined from 6061-T6 aluminum, stainless hardware

- Forward linear throw; Borosilicate glass lens
- Fixtures are 12V only, remote transformer required
- Designed for coredrill mounting and installation

Listings

ETL, UL, suitable for wet locations.



WALDEN



Example: WALDEN BR 3LED16 27K 12 FA CSL10 LPI BL

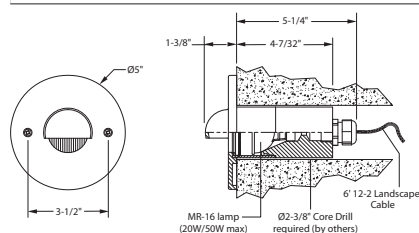
ORDERING INFORMATION

Specifications subject to change.

Series	Material		Source			LED Color Temp		Voltage	Internal Filter					
WALDEN	A	Aluminum	3LED16 ¹	M35	<u>Low voltage long life</u>	27K	40K	12 ²	FA	Filter amber	FLB	Filter light blue	FMBD	Filter medium blue dichroic
	BR	Brass	<u>Low voltage</u>	M42	M20LL	30K	50K		FG	Filter green	FM	Filter mercury vapor	FR	Filter red
			M20	M50	M35LL	35K		FGD	Filter green dichroic	FMB	Filter medium blue	FRD	Filter red dichroic	
					M50LL									
Cord Set Length		Lamped	Finish										Modification	
CSL_	5'-50'; of cord available in 5' increments		LPI	BL	Black textured	BRS	Bronze smooth	CHS	Chrome smooth	SIS	Silver smooth	NAT	Brushed brass w/ satin	MOD
				DBL	Black smooth	BRS	Bronze smooth	DNA	Natural aluminum	VET	Verde textured	POL	Polished brass w/ gloss	
				DDB	Dark bronze	BRT	Bronze textured	NBS	Natural bronze	WH	White	BRZ	Satin bronze w/ gloss	

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- 1 LED only.
- 2 Remote transformer required.

PRODUCT INFORMATION**Intended Use**

The Hoover Series is a hooded step light designed for mounting in outdoor, wet location stairwells, retaining walls and other areas requiring a durable solution.

Features

- LED (6W) and halogen (up to 50W) light source options
- Faceplate cast from brass, cap and body machined from 6061-T6 aluminum, stainless hardware

- Forward linear throw; Borosilicate glass lens
- Fixtures are 12V only, remote transformer required
- Designed for coredrill mounting and installation

Listings

ETL, UL, suitable for wet locations.



HOOVER



Example: HOOVER BR 3LED16 27K 12 FA CSL10 LPI BL MOD

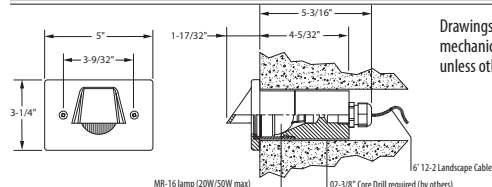
ORDERING INFORMATION

Specifications subject to change.

Series	Material	Source	LED Color Temperature				Voltage	Options							
HOOVER	A	Aluminum	3 LED16	M35	Low voltage long life		27K	40K	12	Internal Filter		FLB	Filter light blue	FMBD	Filter medium blue dichroic
	BR	Brass	Low voltage M20	M42	M20LL	30K	50K		FA	Filter amber	FM	Filter mercury vapor			
				M50	M35LL	35K		FG	Filter green	FMB	Filter medium blue	FR	Filter red		
				M50LL			FGD	Filter green dichroic			FRD	Filter red dichroic			
Cord Set Length			Lamped	Finish										Modification	
CSL__	Cord set length 5'-120' available in 5' increments		LPI	BL	Black textured	BRZ	Satin bronze w/gloss		DNA	Natural aluminum	WH	White			MOD
			DBL	Black smooth	DDB	Dark bronze		SIS	Silver smooth	NAT	Brushed brass w/ satin				
			BRS	Bronze smooth	NBS	Natural bronze smooth		VET	Verde textured	POL	Polished bras w/ gloss				
			BRT	Bronze textured	CHS	Chrome smooth powdercoat									

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

PRODUCT INFORMATION

4451

4452

4453



4451



4453



4452

Intended Use

For use in outdoor wet locations such as patios and pathways at hospitals, hotels, schools, airports and parking garages.

Features

- LED version is ideal for replacement of 20 watt HID sources
- Cast aluminum or cast bronze housing and doors, stainless steel fasteners
- Diffused, tempered glass for non-louvered doors, clear lens with optional louvered doors

- Available with 13 watt LED linear array, incandescent 40 watt A19 lamp or fluorescent single or double TT lamps
- Electronic ballasts and drivers with 0° starting temperatures
- Standard 3/4" NPT side conduit entries (2)

Listings

UL, CSA, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

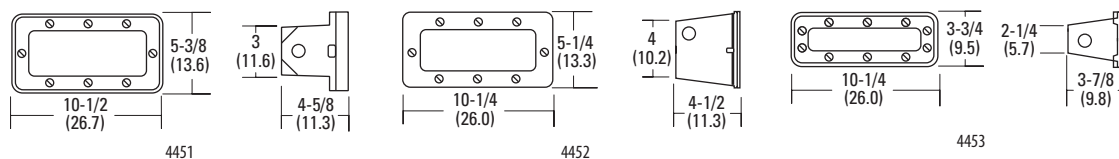
Example: 4451 B LED WHT30K MVOLT LLV LPI

Series	Material	Lamp type	LED Color	Voltage	Options	Lamped	Finish ³
4451	A Aluminum	Incandescent	2/7TT ²	WHT30K	120	External accessories	LPI Lamp included
4452	B Bronze	40I ¹	2/9TT ²	WHT41K	277	LLV Louver door ⁴	BL Black
4453		Fluorescent	2/13DTT ²	WHT53K	347		BZ Bronze
		7TT	LED	MVOLT (120-277) ⁵			DDB Dark bronze
		9TT	LED				DNA Natural aluminum
		13DTT					GN Green
							GR Gray
							STG Steel gray
							TVG Terra verde green
							WH White
							CF Custom finish

ADDITIONAL INFORMATION

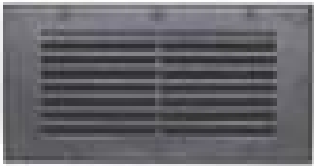
For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

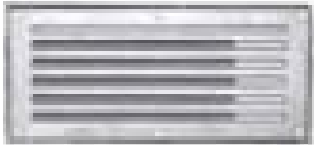
**Notes**

- ¹ Incandescent models available with 120V only.
- ² Only available with 4452.
- ³ Finish is natural aluminum or natural bronze standard, paint finish is optional.
- ⁴ LLV louver optional, fixtures with louver will have a clear lens, fixtures without louver ship with a frosted lens.
- ⁵ Only available with LED.

4454
4456



4454



4456

Intended Use

For use in outdoor wet locations such as patios and pathways at hospitals, hotels, schools, airports and parking garages.

Features

- Cast aluminum or cast bronze housing and doors, stainless steel fasteners
- Diffused, tempered glass for non-louvered doors, clear lens with optional louvered doors
- Available with incandescent 75 watt A19 lamp, fluorescent 42 watt max TRT lamps or HID 50 watt max, E17 lamps

- Fluorescent electronic ballasts with 0° starting temperatures, HID magnetic HPF ballasts with -20° starting temperature
- Standard 3/4" NPT side conduit entries (2)
- Emergency battery back up available on the 4456 - 90 minute operating time

Listings

UL, CSA, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

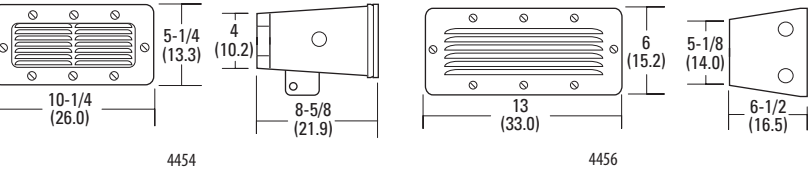
Example: 4456 42TRT 120 ELN LPI DDB

Series	Material	Lamp type	Voltage	Options	Lamped	Finish
4454	A Aluminum	Incandescent	120	Fusing	LPI Lamp included	BL Black
4456	B Bronze	75I ²	277	ELN Emergency battery backup ^{1,4}		BZ Bronze
		Fluorescent ¹	347	SF Single fuse ⁵		DDB Dark bronze
		18TRT	MVOLT ⁵	External accessories		DNA Natural aluminum
		26TRT		LLV Louver door		GN Green
		32TRT				GR Gray
		42TRT				
						STG Steel gray
						TVG Terra verde green
						WH White
						CF Custom finish

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with 4456.
- 2 Available in 120V only.
- 3 Not available with 4454.
- 4 Only available with fluorescent lamps.
- 5 Only available with metal halide lamps.

PRODUCT INFORMATION

4462



Intended Use
Meets installation requirements for wood and all (insulation) type IC applications. Fixtures are completely weatherproof with neoprene gasket and tempered lens.

- Features**
- LED version is ideal for replacement of 20 watt HID sources
 - Heavy wall cast bronze housing and doors, stainless steel fasteners
 - Diffused, tempered glass for non-louvered doors, clear lens with optional louvered doors

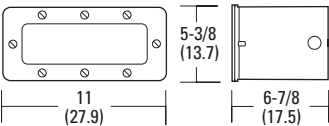
- Available with 13 watt LED linear array, incandescent up to 90 watts or 2 MR16 lamps up to 35 watts each
- Electronic LED driver included
- Standard 3/4" NPT side conduit entry

Listings
UL, cUL, IP67.

ORDERING INFORMATION		Specifications subject to change.										Example: 4462 LED WHT30K MVOLT FL NM CSL50 LPI	
Series	Lamp type	LED color ²	Voltage	Distribution		Mounting		Options		Cord set length		Lamped	
4462	Incandescent	WHT30K	12 ³	NR	No reflector ⁴	NM	Niche mount	External accessories ⁵		CSL_	35'-120' of cord ⁶	LPI	Lamp included
	90I	WHT41K	120	SP	Spot ⁴			LLV	Louver door				
	Quartz	WHT53K	MVOLT (120-277) ²	NSP	Narrow spot ⁴			RG	Rock guard				
	75Q	RED		FL	Flood								
	Low-voltage	GRN		NFL	Narrow flood ⁴								
	2/M35	BLU		WFL	Wide flood ⁴								
	LED												
	LED ¹												

ADDITIONAL INFORMATION For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



- Notes**
- 1 LED only available with FL distribution.
 - 2 Only available with LED source.
 - 3 Transformer sold separately.
 - 4 Only available with 2/M35.
 - 5 Accessories are mutually exclusive. Choose one.
 - 6 CSL 50 is maximum length for 12V fixtures.

Intended Use

Pathway and marker lights are multi-purpose units designed for high-traffic areas to be mounted in a variety of substrates. the M9460 Series also is suitable for drive-over applications and has been tested to withstand up to 22,000 lbs.

Features

- LED version is ideal for replacement of 20 watt HID sources
- Heavy wall cast bronze housing and doors, stainless steel fasteners

- Diffused, tempered glass for non-louvered doors, clear lens with optional louvered doors
- Available with 13 watt LED linear array, incandescent up to 90 watts or 2 MR16 lamps up to 35 watts each
- Electronic LED driver included
- Standard 3/4" NPT side conduit entry

Listings

UL, cUL, IP67.

M9450

M9460

**ORDERING INFORMATION**

Specifications subject to change.

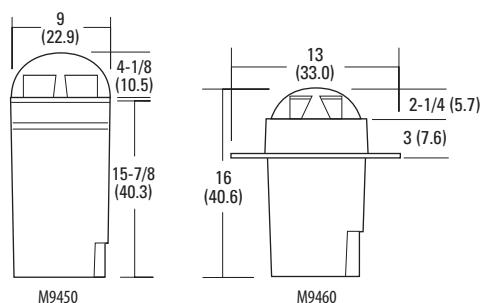
Example: M9450 18TRT MVOLT 12B LP SND

Specifications subject to change															
Series		Lamp type		Voltage	Conduit entry		Options			Lamped		Finish			
M9450	Pathway light	Low voltage ¹	Ceramic metal halide	12 ^{1,8}	12B	1/2" NPT bottom	Internal accessories ³		Fusing		LPI Lamp included	BL	Black	SND	Sand
M9460	Marker light	50QT3		120			MILS90	Internal 90° light shield	SF	Single fuse ⁵		BZ	Bronze	STG	Steel gray
		Incandescent ²	35CMT4 ¹	208	12S	1/2" NPT side			DF	Double fuse ⁶		DDB	Dark bronze	TVG	Terra verde green
		75Q	35CMT6	240			MILS180	Internal 180° ight shield				DNA	Natural aluminum	WH	White
		Metal halide	70CM ³	277	34B	3/4" NPT bottom			Ballast ⁷	Electronic ballast				CF	Custom finish
		70M	70CMT4 ¹	347	34S	3/4" NPT side	External accessories ¹					GN	Green		
		Fluorescent	70CMT6	MVOLT ⁴			XLS	External glare shield				GR	Gray		
		18TRT	100CM ³		1B	1" NPT bottom	2XLS		Two external glare shields						
		26TRT													
	32TRT														

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 Only available with M9460.
- 2 Only available in 120V.
- 3 Only available with M9450.
- 4 MVOLT is only available with fluorescent and metal halide lamps.
- 5 SF available with 120V, 277V or 347V and HID only.
- 6 DF available with 208V or 240V and HID only.
- 7 Only available with HID lamps and MVOLT voltage.
- 8 Low-voltage only; transformer sold separately.

PRODUCT INFORMATION

3110
3120
3130
3140

LED



Intended Use

The 3100 Series LED bollards provide low level lighting with visual appeal and superior performance and vandal resistance. The 3100 series has a patent pending impact resistant mounting and leveling design, bi-Level occupancy sensing and optional emergency function.

Features

- Ideal for replacement of 50 watt metal halide
- Copper-free aluminum, A360 body and head; Stainless steel fasteners
- Impact resistant mounting with 4 leveling pads in the base mounting plate ensuring ease of installation

- Motion sensing bi-level switching through integrated microwave technology sensing motion up to 20' away
- 60.3 total system watts, lumen maintenance tested to IESNA LM-80 standards
- Symmetrical and forward throw distributions with frosted borosilicate glass

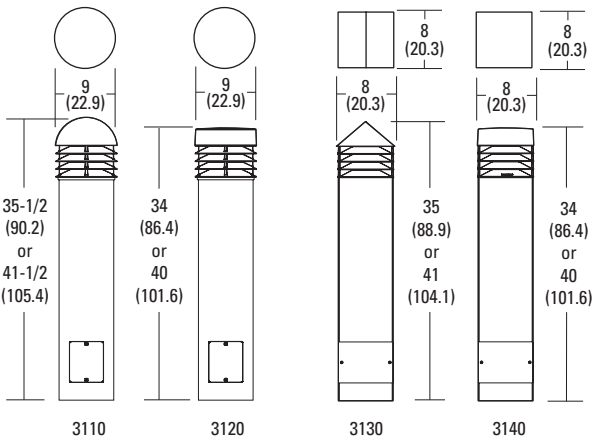
Listings

UL, cUL, IP65, suitable for wet locations.

ORDERING INFORMATION		Specifications subject to change.								Example: 3130 36 8COB MVOLT SYM DNA			
Series	Height (in.)	LED Array	LED Color	Voltage	Distribution		Options		Finish				
3110	36	8COB	30K	MVOLT	SYM	Symmetrical 360°	BLS	Bi-level switching motion sensor (120 or 277 only) ³	BL	Black	SND	Sand	
3120	42		40K	120 ¹	FT	Forward throw 180° ²	GFCI	Receptacle (120 volt only)	BZ	Bronze	STG	Steel gray	
3130			50K	277 ¹					DDB	Dark bonze	TVG	Terra verde green	
3140				347 ¹					ELN	Emergency operation 1000 lumen output, (120 or 277 only)	DNA	Natural aluminum	WH
									GN	Green	CF	Custom finish	
									GR	Gray	Optional louvers painted ⁴		
											_ /PL	Louvers painted to match fixture	

ADDITIONAL INFORMATION For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



- Notes
- 1 Only valid with ELN or BLS.
 - 2 FT not available with BLS.
 - 3 BLS has a 20' range. Full output (60 watts) when on, drops to 1/4 output after 5 minutes with no motion.
 - 4 Louvers will be painted black on top unless otherwise specified (_/LP). Bottom of louvers will always be white.

Intended Use

The 3100 Series LED bollard is a low-level area lighting luminaire for use in walkways, plazas or pedestrian areas.

Features

- Copper-free aluminum, A360 body and head; Stainless steel fasteners
- Impact resistant mounting with 4 leveling pads in the base mounting plate ensuring ease of installation

- Symmetrical and forward throw distributions with frosted borosilicate glass for clear lamps or clear glass with coated lamps
- Incandescent, fluorescent, metal halide and sodium lamp sources available
- Integrally mounted ballast with low starting temperature

Listings

UL, cUL, IP65, suitable for wet locations.

3110 3120 3130 3140



3110

3120

3130

3140

ORDERING INFORMATION

Specifications subject to change.

Example: 3130 36 100M MVOLT SYM GEB LPIC DNA

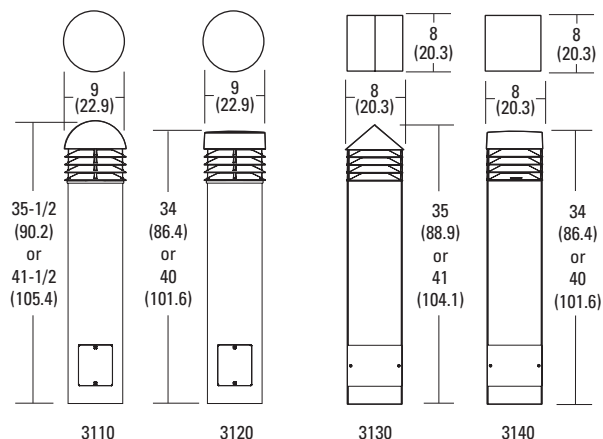
Series	Height (in.)	Lamp type			Voltage	Distribution		Options	
3110	36	Incandescent ¹	Metal halide ²	High pressure sodium ²	120	SYM	Symmetric	Fusing ⁵	
3120	42	100I	50M	50S	208	FT	Forward throw	SF	Single fuse
3130		Fluorescent	70M	70S	240			DF	Double fuse
3140		26DTT	100M	100S	277			Ballast	
		32TRT	Ceramic metal halide ³	Low pressure sodium	347			GEB	Electronic ballast ⁶
		42TRT	35CMT4	18L	120/277			GFCI	Receptacle (120 volt only)
			70CMT4	35L	MVOLT ⁴			ELN	Emergency battery backup (fluorescent lamp only), half output ⁷
			35CMT6		TB				
			70CMT6						

Lamped		Finish			
LPI	Lamp included	BL	Black	SND	Sand
LPIC	Lamp included (coated) ⁸	BZ	Bronze	STG	Steel gray
		DDB	Dark bronze	TVG	Terra verde green
		DNA	Natural aluminum	WH	White
		GN	Green	CF	Custom finish
		GR	Gray	Optional louvers painted	
				_ /PL Louvers painted to match fixture ⁹	

ADDITIONAL INFORMATION

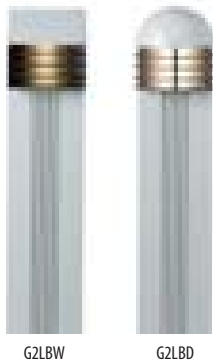
For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- ¹ Incandescent lamps 120V only.
- ² Will be provided with coated lamps unless LPI is chosen.
- ³ T4 and T6 lamps will be provided with a frosted lens.
- ⁴ MVOLT is standard on all fluorescent lamps or metal halide lamps with GEB electronic ballasts.
- ⁵ SF only valid with 120V, 277V or 347V. DF only valid with 208V or 240V, metal halide lamps only.
- ⁶ Only available with metal halide lamps and MVOLT voltage.
- ⁷ Only valid with 42TRT, 32TRT and 26DTT. Must specify 120V or 277 V.
- ⁸ LPIC only valid with 50M, 70M, 100M, 50S, 70S, 100S, 100I.
- ⁹ Example BL/PL - add/PL after standard finish.

G2® LOUVER BOLLARD



G2LBW

G2LBD

Intended Use

The G2® Bollard Series is designed to work in building perimeter areas and public spaces, completing a wide variety of architectural styles. The G2® bollard fixture offers an unmatched impact-resistant mounting and leveling design, ensuring life-long performance.

Features

- Copper-free aluminum, A360 body and head; Stainless steel fasteners
- Impact resistant mounting with 4 leveling pads in the base mounting plate ensuring ease of installation

- Symmetrical and forward throw distributions with frosted borosilicate glass for clear lamps or clear glass with coated lamps
- Fluorescent, metal halide and sodium lamp sources available
- Integrally mounted ballast with low starting temperature

Listings

UL, cUL, IP65, suitable for wet locations. IES cutoff.



ORDERING INFORMATION

Specifications subject to change.

Example: G2LBD 36 100M MVOLT SYM LEDBF LEDCWB DCT GEB LPIC DNAT

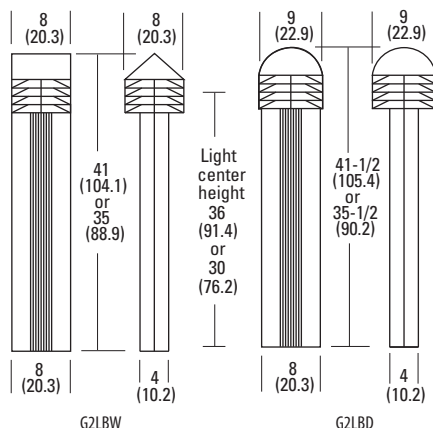
Series	Height ¹	Lamp type				Voltage			Distribution	
G2LBD	36	Metal halide ²	Ceramic metal halide ²	High pressure sodium ²	Fluorescent	120	347		SYM	Symmetric
G2LBW	42	70M	70CM	50S	26DTT	208	120/277		FT	Forward throw
		100M	100CM	70S	32TRT	240	MVOLT ³			
			35CMT6	100S	42TRT	277	TB			
			70CMT6							

Light wash ⁴		Option		Lamped		Finish	
<u>Bollard front</u>		<u>Bollard back</u>		<u>Control</u>		<u>Finish</u>	
LWF	Light wash front	LWB	Light wash back	DCT	Dual circuit ⁵	LPI	Lamp included
LEDAF	LED color wash, amber front	LEDAB	LED color wash, amber back			LPIC	Lamp included (coated) ¹⁰
LEDBF	LED color wash, blue front	LEDBB	LED color wash, blue back	<u>Fusing</u>		DDLB	Designer black, textured
LEDGF	LED color wash, green front	LEDGB	LED color wash, green back	SF	Single fuse ⁶	DSPD	Dark gray, textured
LEDRF	LED color wash, red front	LEDRB	LED color wash, red back	DF	Double fuse ⁷	DNAT	Natural aluminum, textured
LEDCWF	LED color wash, cool white front	LEDCWB	LED color wash, cool white back	<u>Ballast</u>		DWHG	Designer white, textured
LEDWWF	LED color wash, warm white front	LEDWWB	LED color wash, warm white back	GEB	Electronic ballast ⁸	DDBT	Dark bronze, textured
LEDWRYF	LED color wash, royal blue front	LEDWRYB	LED color wash, royal blue back	ELN	Emergency battery backup ⁹	DSPF	Rust, textured
						CF	Custom finish
						<u>Optional louvers finishes</u>	
						_/PL	Louvers to match ¹¹

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Bollard heights are nominal (shown in inches).
- 2 All lamps (excluding 35CMT6 and 70CMT6) are coated as recommended unless LPI is specified.
- 3 MVOLT standard with fluorescent lamps and metal halide lamps with electronic ballast option.
- 4 Light options are mutually exclusive. Choose one per side. For single circuit wiring, LED light option not available with MVOLT or electronic ballast option operating at 277V, or with 347V. For DCT dual circuit option, secondary LED voltage required to be 120V (for primary voltages: 120V, 208V, 347V, MVOLT) or 240V (for primary voltages 240V or 277V).
- 5 DCT available with LED color wash option only.
- 6 SF available with 120V, 277V or 347V on HID fixtures only.
- 7 DF available with 208V or 240V on HID fixtures only.
- 8 Electronic ballast options available with metal halide lamps only.
- 9 Available with fluorescent only.
- 10 LPIC recommended for E17 and E17 lamps. Not available with fluorescent, 35CMT6 or 70CMT6 HID lamps.
- 11 Standard louver finish: matte black top, high-gloss white bottom unless _/PL is chosen. _/PL is not recommended for DWHG white or other light color finishes due to increased visible glare and reduced fixture cutoff.

Intended Use

The G2® Block Series may be applied over entries, within entries, up or down, on all building sides or in concert with G2® Edge or G2® Plate products. Lighting distributions are symmetric or assymetric and project in short, medium and long configuration.

Features

- Die-cast aluminum housing and door, fully gasketed, stainless steel fasteners
- Polyester powder coated finishes

- Surface mounted over a recessed junction box or stub out
- Distribution: Area - IES type II, III, IV, V; High-purity anodized specular, semi-specular or patterned reflectors
- Fluorescent, metal halide and sodium lamp sources up to 150 watts
- All electronic MVOLT ballasts on fluorescent and metal halide lamping; magnetic on sodium

Listings

UL, cUL, IP65, IES full cutoff, suitable for wet locations.



G2® BLOCK
Building Mounted



ORDERING INFORMATION

Specifications subject to change.

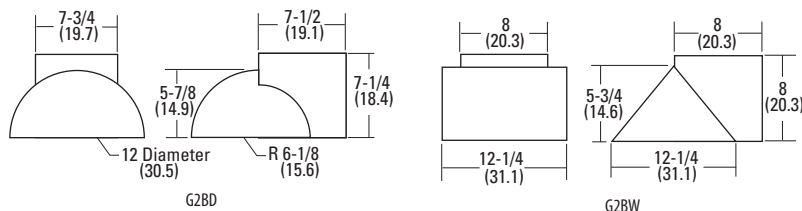
Example: G2BD DN 150M 277 SR2 FLC OLS SF LPI DNAT

Series		Orientation		Lamp type				Voltage		Distribution		
G2BD	Block dome	DN	Downlight	<u>Metal halide</u>	<u>Ceramic metal halide</u>		<u>High pressure sodium</u>	<u>Fluorescent</u>	120	347	VWFL	Very wide flood ²
G2BW	Block wedge	UP	Uplight	70M	70CM		70S	26DTT	208	120/277	SR2	IES Type II
				100M	100CM		150S	32TRT	240	MVOLT ¹	SR3	IES Type III
				150M	150CM			42TRT	277	TB	SR4SC	IES Type IV
					70CMT6			2/42TRT			SR5S	IES Type V
					150CMT6							
Lens		Options						Lamped		Finish		
FLC		<u>Internal accessories³</u>		<u>Photocontrol</u>		<u>Ballast</u>		LPI	Lamp included	DBLB	Designer black, textured	
FLCS		IBS	Internal backlight shield	PE	Photocell	GEB	Electronic ballast ⁵			DSPD	Dark gray, textured	
		OLS	Obscuring lens	<u>Fusing</u>		BLS	Bi-level switching ⁶			DNAT	Natural aluminum, textured	
		CFAMB	Color filter amber	SF	Single fuse ⁴					DWHG	Designer white, textured	
		CFBLU	Color filter blue	DF	Double fuse ⁴					DDBT	Dark bronze, textured	
		CFGRN	Color filter green							DSPF	Rust, textured	
		CFRED	Color filter red							DSST	Sandstone, textured	
										CF	Custom finish	

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 MVOLT is standard on all fluorescent and metal halide lamps with electronic ballast option.
- 2 Only available with 2/42TRT.
- 3 Accessories are mutually exclusive. Choose one.
- 4 SF only valid with 120V, 277V or 347V. DF only valid with 208V or 240V; HID only.
- 5 Electronic ballasts only are available with metal halide (150W max), fluorescent and MVOLT ballasts.
- 6 BLS only available for 150S.

G2® EDGE

Building Mounted



G2FW

G2FD

Intended Use

G2® Edge is uniquely suited for mounting to columns and mullions. Choice of small-scale dome or wedge-shaped enclosures house a wide range of high-performance optical systems for safe and secure perimeter lighting, or accent or wallwash lighting effects.

Features

- Die-cast aluminum housing and door, fully gasketed, stainless steel fasteners
- Polyester powder coated finishes
- Surface mounted over a recessed junction box or stub out

- Distribution: Area - IES type II, III, IV, V; High-purity anodized specular, semi-specular or patterned reflectors
- Fluorescent, metal halide and sodium lamp sources up to 150 watts
- All electronic MVOLT ballasts on fluorescent and metal halide lighting; magnetic on sodium

Listings

UL, cUL, IP65, IES full cutoff, suitable for wet locations.

ORDERING INFORMATION

Specifications subject to change.

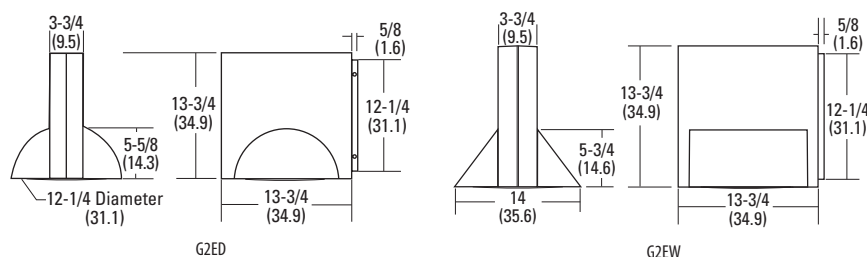
Example: G2EW DN 150M 277 SR2 STD FLC OLS SF LPI DNAT

Series		Orientation		Lamp type			Voltage	Distribution			Mounting		Lens			
G2ED	Edge dome	DN	Downlight	<u>Metal halide</u>	<u>Ceramic metal halide</u>	<u>High pressure sodium</u>	120	NSP	Narrow spot ²	SR2	IES Type II	STD	Standard for mounting on stub-out, or 3" wide or less junction 40 or 45 junction box cover Standard direct entry 3/4" NPT	FLC	Flat lens clear	
G2EW	Edge wedge	UP	Uplight	70M	70CM	70S	208	SP	Spot	SR3	IES Type III	FLCS		Flat lens, clear 5° axial		
				100M	70CM	70S	240	FL	Flood	SR4SC	IES Type IV					
				150M	100CM	150S	277	WFL	Wide flood	SRSS	IES Type V	E4S				
					150CM	<u>Fluorescent</u>	347	WWD	Wall wash distribution			STDE				
					70CMT6	26TRT	120/277									
					150CMT6	32TRT	MVOLT ¹									
						42TRT	TB									
Options								Lamped		Finish						
<u>Internal accessories</u> ⁴				<u>Photocontrol</u>		<u>Ballast</u>		LPI	Lamp included	DBLB	Designer black, textured		DDBT	Dark bronze, textured		
IBS	Internal backlight shield			PE	Photocell	GEB	Electronic ballast ⁶			DSPD	Dark gray, textured		DSPF	Rust, textured		
OLS	Obscuring lens			<u>Fusing</u> ⁵		BLS	Bi-level switching ⁷			DNAT	Natural aluminum, textured		DSST	Sandstone, textured		
CFAMB	Color filter amber			SF	Single fuse					DWHG	Designer white, textured		CF	Custom finish		
CFBLU	Color filter blue			DF	Double fuse											
CFGFRN	Color filter green															
CFRED	Color filter red															

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 MVOLT is standard on all fluorescent and metal halide lamps with electronic ballast option.
- 2 NSP only available with 70CMT6 and 150CMT6.
- 3 WWD includes 14" extended wall mount; consult factory.
- 4 Accessories are mutually exclusive. Choose one.
- 5 SF only valid with 120V, 277V or 347V. DF only valid with 208V or 240V; HID only.
- 6 Electronic ballasts only are available with metal halide lamps, 150W max.
- 7 BLS only available for 150S.

Intended Use

Ideal for schools, parking garages, walkways, airports and stadiums.

Features

- Die-cast aluminum with integral 3/4" knockouts for surface mounting or optional splice box for direct entry
- Mounting options include surface wall & ceiling, recessed, pole, pendant and base mount
- Molded polycarbonate, UV stabilized lens for maximum impact resistance

- HP4 unit has an optional flat glass or polycarbonate lens
- Fluorescent, metal halide and sodium lamp sources up to 150 watts
- 8 distributions available on the HP3, HP4 with type IES type III and type IV distributions achievable through internal adjustment

Listings

UL, suitable for wet locations.

HP3 HP4

**ORDERING INFORMATION**

Specifications subject to change.

Example: HP3 150M 120 HFW SDE SF LPI BL

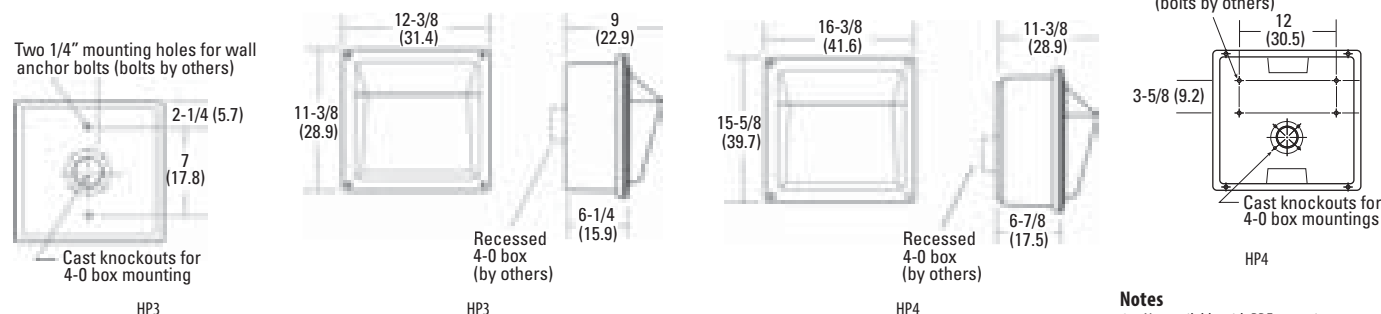
Series	Lamp type	Voltage	Distribution
HP3	Metal halide HP3	120	HP3
HP4	Metal halide HP4	347	LRW Low right wall
	50M	208	HFW High forward wall
	70M	120/277	LHW Low horizontal wall
	100M	240	LFW Low forward wall
	150M ^{1,2}	277	LLW Low left wall
	200M ¹		
	250M ¹		
	High pressure sodium HP3		
	High pressure sodium HP4		
	50S		
	70S		
	100S		
	150S ^{1,2}		
	250S ¹		

Lens ³	Mounting	Options	Lamped	Finish
HP4	HP3 and HP4	Fusing	LPI Lamp included	BL Black
FLG Flat lens tempered glass	BMS Base mount, single	SF Single fuse ⁴		BZ Bronze
FLP Flat lens polycarbonate	PMS Pole, single	DF Double fuse ⁵		GN Green
	RSB Recessed, splice box	Receptacle		GR Gray
	SNB Surface, no box	PER Photocontrol receptacle ^{1,2,6}		WH White
	SPM Pendant, single	Re-strike		CF Custom finish
	SSB Surface, splice box	QRS Quartz emergency re-strike		
		Ballast		
		SCWA Super constant wattage ballast ⁷		

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Not available with RDE mounting.
- Not available with RSB mounting.
- 150W maximum; reflector is not adjustable with this lens.
- SF only is available with 120V, 277V or 347V on MH only.
- DF only is available with 208V or 240V on MH only.
- NEMA twist-lock receptacle only. Photocontrol by others.
- Required on 200M and 250M metal halide lamps.

4762

4764

LED Canopy and Parking Garage



- Intended Use**

The 4760 Series linear LED combines high-performance, maximum output with a superior optical system that spreads light evenly under canopies, covered walkways and garages.

Features

 - Ideal for replacement of up to 150 watt metal halide fixtures
 - Extruded 6063 T4 aluminum with die-cast A360 end caps, all fasteners are stainless steel
 - Mounting options include flush for ceiling or wall and pendant mount with various lengths
- Integral occupancy sensor and Adura wireless control system and emergency back-up options are available
 - Lens is curved high strength optical grade clear acrylic
 - Integral electronic multi-volt driver, 0-10V DC dimming, -25°C to 50° C

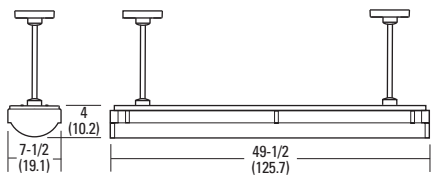
Listings

CSAus, CSA, 1P65.

ORDERING INFORMATION		Specifications subject to change.				Example: 4764 LED WHT35K MVOLT VCNP CM ELN LPI BL			
Series	Lamp type	LED Color		Voltage	Distribution		Mounting		
4762	2 foot	LED	20K 2000K	MVOLT	VCNP Volumetric canopy		CM	Ceiling mount ¹	
4764	4 foot		27K 2700K	120			CMDE	Ceiling mount direct entry ^{1,2}	
			40K 4000K	277			PDMD_	Pendant mount damp location; specify length 6-48 in 6" increments ³	
			50K 5000K				PDMW_	Pendant mount wet location; specify length 6-48 in 6" increments ³	
			AMB Amber						
Options				Lamped		Finish			
<u>External accessories</u>		<u>Mounting option</u>		LPI	Lamp included	DWH	Gloss white (standard)	DNA	Natural aluminum
HS	House side shield	EQSM	Earthquake seismic mount ⁴			BL	Black	GR	Gray
FSS	Flush source shield	<u>Controls</u>				BZ	Bronze	SND	Sand
<u>Hardware option</u>		XAD	Adura ⁵			WH	White	STG	Steel gray
TPH	Tamper-proof hardware	PIR360SS	Occupancy sensor			DDB	Dark bronze	CF	Custom finish
BSK	Bird spike	ELN	Emergency back-up ⁶						

ADDITIONAL INFORMATION For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



- Notes**
- 1 CM and CMDE are wet location listed, may be wall mounted.
 - 2 Two(2)3/4" NPT end knockout direct entry, one on each end.
 - 3 12" standard length if not specified.
 - 4 Option required for PDMD and PDMW installations located in areas subject to seismic activity. Not available with CM mount or 4762.
 - 5 XAD only available with 120 or 277.
 - 6 ELN-90 minutes at 25% power output, not available on 4762.

Intended Use

The Hydrel 4760 Series of linear fluorescent lighting fixtures bring the high-performance of T5 and T5HO lamps to the outdoors. With the 4760 Series patent-pending Polarpack® cold-weather option, full light output is now a reality to 0°F (-18°C). The T5 and T5HO lamp performance, high output optical system, and simple architectural lines make this fixture series ideal for spreading soft, even illuminates under canopies, covered walkways and garages. The 4760 Series linear fluorescent offers a high-efficiency fluorescent option to the outdoor lighting market.

Features

- Extruded 6063 T4 aluminum with die-cast A360 end caps, all fasteners are stainless steel



- Mounting options include flush for ceiling or wall and pendant mount with various lengths
- Canopy, garage and volumetric canopy distributions available
- Lens is curved high strength optical grade clear acrylic
- Integral electronic multi-volt driver, thermally protected, resetting, Class P, HPF, A+ sound rated, -20°C starting temperature
- Polarpack and cold weather ballast options available

Listings

UL, cUL.

4760

T5/T5HO Linear Fluorescent Canopy and Parking Garage

**ORDERING INFORMATION**

Specifications subject to change.

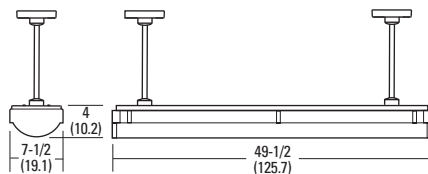
Example: 4760 2/54T5HO MVOLT VCNP CM LPI DWH

Series	Lamp type		Voltage	Distribution		Mounting				
4760	2/28T5	Two T5, miniature bi-pin	MVOLT	VCNP	Volumetric canopy	CM	Ceiling mount ²			
	2/54T5HO	Two T5HO, miniature bi-pin	120 ¹	CNP	Canopy	CMDE	Ceiling mount direct entry ^{2,3}			
			277 ¹	GRG	Garage	PDMD_	Pendant mount damp location; specify length 6-48 in 6" increments ⁴			
			347			PDMW_	Pendant mount wet location; specify length 6-48 in 6" increments ⁴			
Options						Lamped		Finish		
<u>External accessories</u>		<u>Polarpack®</u>			LPI	3000K lamp included	DWH	Gloss white (standard)	DNA	Natural aluminum
HS	House side shield	PLPKX Polarpack® cold-weather start option 120V			LP35K	3500K lamp included	BL	Black	GR	Gray
FSS	Flush source shield	PLPKY Polarpack® cold-weather start option 347V ⁶			LP41K	4100K lamp included	BZ	Bronze	SND	Sand
<u>Hardware option</u>		PLPKZ Polarpack® cold-weather start option 208-277V					WH	White	STG	Steel gray
TPH	Tamper-proof hardware	<u>Mounting option</u>					DDB	Dark bronze	CF	Custom finish
<u>Ballast</u>		EQSM Earthquake seismic mount ⁷								
ELN	Emergency battery back-up ⁵									

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Only available if ELN is chosen.
- CM and CMDE are wet location listed, may be wall mounted.
- Two (2) 3/4" NPT end knockout direct entry, one on each end.
- 12" standard length if not specified.
- Must choose 120V or 277V. MVOLT and 347V not available.
- Not available with ELN or MVOLT.
- Option required for PDMD and PDMW installations located in areas. Subject to seismic activity. Not available with CM mount.

4426 BM

LED Base Mount - Monochromatic

LED Base Mount - Dynamic RGB



Visit www.hydel.com for color changing LED specifications.

Intended Use

The 4426 base mount is designed for use in fountains, reflecting pools and for illuminating waterfalls.

A non-dimming, one-color light output available in cool white, warm white, amber, blue, cyan, green, royal blue and red monochromatic colors. The system shall be composed of two components: 1) LED array board and 2) driver. The LED driver powers via constant current. With a constant current driver, LED lumen output does not change with temperature variations.

Dynamic RGB: This unit uses a red, green and blue (RGB) underwater color-balanced LED array to create DMX controlled color changing lighting effects. Color control is achieved through four channels per fixture, standard DMX512 hardware, at a maximum of 44 frames per second. All channels have logarithmic power for finer color and intensity control. The fourth channel, intensity, allows the user to vary brightness without affecting the color. The integral power supply and DMX control modules are enclosed in an attached sealed bronze combination box. The proprietary DMX control module senses the LED temperature and adjusts the LED power accordingly to yield a lamp life of up to 50,000 hours of operation. This lamp life exceeds any other fixture designed for this use.

For power and signal hook-up, the integral combination box includes a minimum of 10' of submersible rated power cable and a minimum of 10' of submersible rated DMX signal cable.

Features

- Ideal for replacement of up to 300 watt incandescent lamps
- Available in Monochromatic white, red, green, blue and amber and DMX512 RGB mixing
- Heavy wall cast bronze construction, salt water bronze also available; Fully adjustable yoke for easy aiming
- 60 input watts, up to 4320 delivered lumens
- RGB Control: Standard DMX512, three or four channels per fixture
- 6 different distributions available
- Minimum of 10' of 16/3ST submersible rated power cord, RGB fixtures have an additional data cord
- Low water protection standard

Listings

UL, CSA, CSAus, IP68.

ORDERING INFORMATION

Specifications subject to change.

Example: 4426 B 18LED WHT41K 120 SP FLC BM CSL50

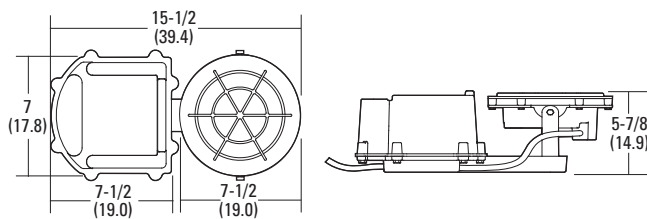
Series	Material	LED type	LED color	Voltage	Distribution	Lens	Mounting
4426	B Bronze SWB Saltwater bronze	18LED 60W	WHT30K 3000K, warm white WHT41K 4100K, neutral white WHT53K 5300K cool white AMB Amber BLU Blue GRN Green RED Red RGB Mixing	120	SP Spot NFL Narrow flood MFL Medium flood FL Flood WFL Wide flood VWFL Very wide flood	FLC Flat lens clear	BM Base mount

Control	Channel	Cord set length
RGB LED only	RGB LED only	CSL_ 10'-120' of cord available in 5' increments
3DMX 3-channel DMX512	ST_ Static ¹	
4DMX 4-channel DMX512	SQ_ Sequential (specify starting channel) ²	

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Static channels – all fixtures will be programmed with the same set of numbers, specify starting number.
- 2 Sequential-specify starting channel.

Intended Use

Lighting for fountains and reflecting pools-base/yoke mount.

Features

- Heavy wall cast bronze
- Adjustable mounting heights and aiming from 0-90° with aim-lock technology for easy re-lamping
- Incandescent up to 500 watts with T3 and T4 quartz lamps

- Spot and flood distributions available
- Minimum of 10' of 16/3ST submersible rated power cord

Listings

UL, CSA, IP68.

4413 BM



Example: 4413 500Q 120 FL FLC BM CSL80 LPI

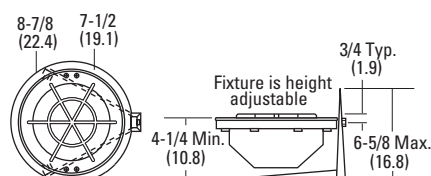
ORDERING INFORMATION

Specifications subject to change.

Series	Lamp type	Voltage	Distribution	Lens	Mounting	Cord set length	Lamped	Options
4413	100Q 300QT4	120	SP	FLC	BM	10'-120' of cord available in 5' increments	LPI	Meets Canadian standards
	150Q 400QT4		FL	FLAM				
	200Q			FLG				
	250Q			FLR				
	500Q							

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PRODUCT INFORMATION

Fountain & Reflecting Pool Fixtures

Intended Use

Lighting for fountains and reflecting pools-base/yoke mount.

Features

- LED version is ideal for replacement of 20 watt HID sources
- Heavy wall cast bronze construction, fully adjustable yoke for easy aiming
- Adjustable mounting heights available with the ALB and Riser options allowing the fixture to always be at the optimal height of 2" below the water

- Optional rock guards and 45° cut-off louvers available
- Incandescent up to 500 watts with T3 and T4 quartz lamps
- Spot and flood distributions available
- Minimum of 10' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt

Listings

UL, CSAus, CSA, IP68.

4415 BM/YM



Example: 4415 LED WHT30K 120 FL BM CSL40 LPI

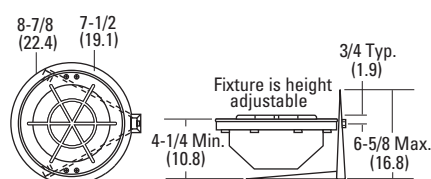
ORDERING INFORMATION

Specifications subject to change.

Series	Lamp type		LED Color	Voltage	Distribution ¹		Mounting		Mounting accessories ⁵		Cord set length		Lamped		Options	
4415	Incandescent	Low voltage	WHT30K	12 ³	FL	Flood	BM	Base mount	RSR_	4"-24" riser stem available in 2" increments ⁶	CSL_	10'-120' of cord available in 5' increments ⁷	LPI	Lamp included	CSA	Meets Canadian standards
	1161	3/M50 ^{1,2}	WHT41K	120			YM	Yoke mount ⁴								
	Quartz	3/M75 ^{1,2}	WHT53K				ALB	Adjustable table locking base								
	200Q	LED	RED													
	300Q	LED	GRN BLU													

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Other distributions available for the 3/M50 and the 3/M75 only.
- 2 Available in 12V only.
- 3 Transformer sold separately, not available with LED.
- 4 Consult www.hydel.com for yoke mount dimensions.
- 5 Available with ALB mount only.
- 6 RSR6 default with ALB.
- 7 50' max cord length for 12V fixtures.

4424 BM/YM
4427 BM/YM



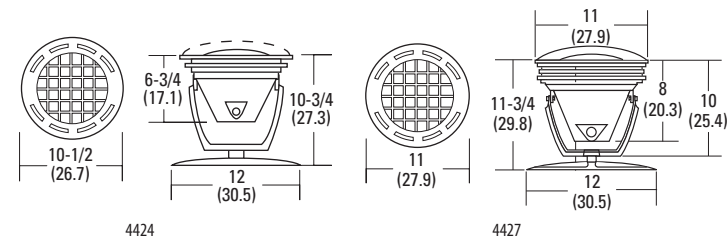
- Intended Use**
Lighting for fountains and reflecting pools - base/yoke mount.
- Features**
- Heavy wall cast bronze construction, salt water bronze also available; Fully adjustable yoke for easy aiming
 - Incandescent PAR lamps up to 1000 watts for the 4427, 500 watts for the 4424
 - Spot, medium flood and wide flood distributions available

- Adjustable mounting heights available with the ALB and Riser options allowing the fixture to always be at the optimal height of 2" below the water
 - 8 3/8" diameter tempered lens, amber, blue, green and red lenses also available
 - Minimum of 10' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt
- Listings**
UL, CSA, IP68.

ORDERING INFORMATION			Specifications subject to change.										Example: 4424 P56500I 120 MFL CLC YM CSL120 LPI					
Series	Lamp type		Voltage	Distribution		Lens		Mounting		Mounting accessories ⁷		Cord set length		Lamped		Options		
4424	Incandescent	Low voltage ²	12 ⁴	MFL	Medium flood	CLC	Convex lens clear ⁵	BM	Base mount	RSR_	4"-24" riser stem available in 2" increments ⁸	CSL_	10'-120' of cord available in 5' increments ⁹	LPI	Lamp included	CSA	Meets Canadian standards	
4427	P645001 ¹	P56240ILV	120	NSP	Narrow spot	CLA	Convex lens amber	YM	Yoke mount ⁶	ALB	Adjustable locking base							
	P6410001 ¹	P56300ILV ³			Wide flood	CLB	Convex lens blue											
	P563001 ²					CLG	Convex lens green											
	P565001 ²					CLR	Convex lens red											

ADDITIONAL INFORMATION For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



- Notes**
- 1 Available with 4427 only.
 - 2 Available with 4424 only.
 - 3 Available in WFL only.
 - 4 Transformer sold separately.
 - 5 CLC is the default.
 - 6 Consult www.hydrel.com for yoke mount dimensions.
 - 7 Mounting accessories with ALB only.
 - 8 RSR6 – default with ALB.
 - 9 CSL50 max. cord length for 12V.

Intended Use

Lighting for fountains and reflecting pools -base/yoke mount.

Features

- LED version is ideal for replacement of 20-35 watt HID sources
- Heavy wall cast bronze construction, fully adjustable yoke for easy aiming

- 9 watt or LED or incandescent up to 150 watts with T4 quartz lamps
- Spot and flood distributions available
- Minimum of 10' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt

Listings

UL, CSA, CSAus, IP68.

4800 BM/YM

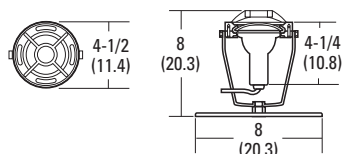


Example: 4800 100Q 120 FL CLC BM CSL90 LP

ORDERING INFORMATION												
Specifications subject to change.												
Series	Lamp type	LED Color ²	Voltage	Distribution ⁴		Lens		Mounting		Cord set length	Lamped	Options
4800	LED	WHT30K	12 ³	FL	Flood	CLC	Convex lens clear ⁵	BM	Base mount	CSL_ 10'-120' of cord available in 5' increments ⁸	LPI	Lamp included
	LED 9 watt	WHT41K	120	NSP	Narrow spot ⁹	CLF	Convex lens frosted	YM	Yoke mount ⁶		CSA	Meets Canadian standards
	Incandescent	WHT53K		MFL	Medium flood ⁹	CLA	Convex lens amber					
	100Q	AMB				CLB	Convex lens blue ⁶					
	150Q	BLU				CLG	Convex lens green ⁶					
	Low voltage ¹	GRN				CLR	Convex lens red					
	M75	RED										

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Other wattages available by request.
- Only available with LED lamp type.
- Transformer sold separately.
- Distribution included on 12V only.
- CLC is the default.

- CLB and CLG not available with 150Q.
- Consult www.hydel.com for yoke mount dimensions.
- CSL50 max. cord length for 12V.
- NSP and MFL only valid with LED.

PRODUCT INFORMATION

Fountain & Reflecting Pool Fixtures

Intended Use

Lighting for reflecting pools and fountains - niche mounted into the floor or wall.

Features

- LED version is ideal for replacement of 20-35 watt HID sources
- Heavy wall cast bronze construction, fully adjustable yoke for easy aiming

- 9 watt or LED or incandescent up to 150 watts with T4 quartz lamps
- Spot and flood distributions available
- Minimum of 35' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt

Listings

UL, CSA, CSAus, IP68.

4800 NM



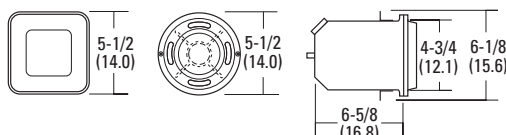
Example: 4800 RD SS 100Q 120 FL CLC NM 3445B CSL75 LP

ORDERING INFORMATION												
Specifications subject to change.												
Series	Door		Material		Lamp type		LED Color		Voltage	Distribution ³		
4800	RD	Round, adjustable	B	Bronze adjustable	LED	Incandescent	Low voltage	WHT30K	BLU	12 ²	FL	Flood
	SQ	Square, fixed	SS	Stainless steel	LED	100Q	M75 ¹	WHT41K	GRN	120	NSP	Narrow spot ⁹
						150Q		WHT53K	RED		MFL	Medium flood ⁹
								AMB				
Lens		Mounting		Conduit entry		Options	Cord set length		Lamped	Options		
CLC	Convex lens clear ⁴	CLB	Convex lens blue ⁵	NM	Niche mount	3445B 3/4" at 45°	RG	Rockguard ^{6,7}	CSL_ 35'-120' of cord available in 5' increments ⁸	LPI	Lamp included	CSA Meets Canadian Standards
CLF	Convex lens frosted	CLG	Convex lens green ⁵									
CLA	Convex lens amber	CLR	Convex lens red									

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- Other wattage available by request.
- Transformer sold separately.
- Distribution included on 12V only.
- CLC is the default.

- Not available with 150Q.
- Required for floor-mounted fixtures.
- SS material not available with rock guard.
- CSL50 max. cord length for 12V.
- NSP and MFL only valid with LED.

PRODUCT INFORMATION

Fountain & Reflecting Pool Fixtures

4413 NM

4424 NM



4424 NM



4413 NM

Intended Use

Lighting for reflecting pools and fountains - niche mounted into the floor or wall.

Features

- Heavy wall cast bronze construction
- 4413 has 360° rotational adjustment and 45° vertical adjustment in the niche, 4424 is fixed
- 4413 up to 400 watt quart; 4424 up to 500 watt PAR

- Optional rock guard for the 4424 (standard on the 4413)
- Multiple distribution patterns available
- Minimum of 35' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt

Listings

UL, CSA, CSAus, IP68.

ORDERING INFORMATION

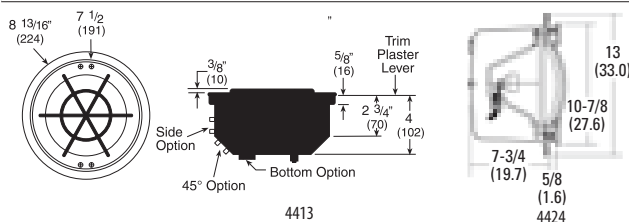
Specifications subject to change.

Example: 4413 100Q 120 FL FLC NM 34B CSL50 LPI

Series	Lamp type		Voltage	Distribution		Lens		Mounting		Conduit entry		Options ⁵		Cord set length ⁶		Lamped	
4413	Incandescent	Incandescent	12 ²	4413		4413		NM	Niche	34B	3/4" NPT bottom	RG	Rock guard	CSL_	35'-120' of cord available in 5' increments	LPI	Lamp included
4424	4413	4424	120	FL	Flood ³	FLC	Flat clear	CLC	Convex clear ⁴								
	100Q	T4MC	P56300I	SP	Spot	FLAM	Flat amber	CLA	Convex amber								
	150Q	T4MC	P56500I														
	250Q	T4MC	Low voltage	NSP	Narrow spot	FLG	Flat green	CLB	Convex blue								
	200QT3	T3RSC	P56240ILV	MFL	Medium flood	FLR	Flat red	CLG	Convex green								
	300QT4	T4RSC	P56300ILV ¹					CLR	Convex red								
	400QT4	T4RSC		WFL	Wide flood												

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 4424: P56300ILV (12V) and P56500I (120V) default.
- 2 Transformer sold separately, 4424 only.
- 3 Other distributions available on 3/M50 and 3/M75 only.
- 4 CLC - default.
- 5 Required for floor-mounted fixtures, standard on 4413.
- 6 CSL50 max. cord length for 12V fixtures.

PRODUCT INFORMATION

Fountain & Reflecting Pool Fixtures

4415 NM

**Intended Use**

Lighting for reflecting pools and fountains - niche mounted into the floor or wall.

Features

- LED version is ideal for replacement of 20 watt HID sources
- Heavy wall cast bronze construction
- Optional rock guards and 45° cut-off louvers available

- LED 12 watts, incandescent up to 300 watts with T3 and quartz lamps
- Flood distribution
- Minimum of 35' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt

Listings

UL, IEC, CSA, CSAus, IP68.

ORDERING INFORMATION

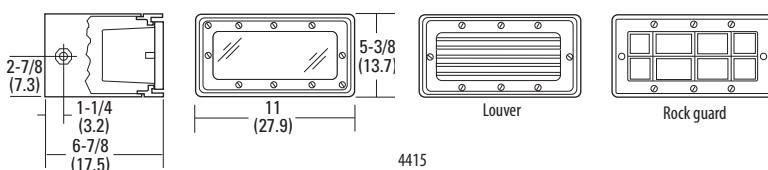
Specifications subject to change.

Example: 4415 LED WHT30K 120 FL NM 34B CSL50 LPI

Series	Lamp type		LED Color ¹	Voltage	Distribution ¹		Mounting		Conduit Entries		Accessories		Cord Set Length		Lamped		Options	
4415	LED	Low voltage	WHT30K	12 ²	FL	Flood	NM	Niche	34B	3/4" NPT bottom	LLV	Louver	CSL	35'-120' of cord available in 5' increments	LPI	Lamp included	CSA	Meets Canadian Standards
	LED	3/M50 MR16	WHT41K	120							RG	Rock guard						
	Incandescent	8/M75 MR16	WHT53K															
	116I	A21	BLU															
	200Q	T3 RSC	GRN															
	300Q	T3 RSC	RED															

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Only available with LED lamp.
- 2 Only available with 3/M50 and 3/M75 lamps.

Intended Use

The 4426 niche mount is designed for use in fountains, reflecting pools and for illuminating waterfalls.

Monochromatic: These units offer cool white, warm white, amber, blue, cyan, green, royal blue and red monochromatic colors. The system shall be composed of two components: 1) LED array board and 2) driver. The LED driver powers via constant current. With a constant current driver, LED lumen output does not change with temperature variations. Hydrel's monochromatic system is a non-dimming, one-color light output.

Dynamic RGB: This unit uses a red, green and blue (RGB) underwater color-balanced LED array to create DMX controlled color-changing lighting effects. Color control is achieved through four channels per fixture, standard DMX512 hardware, at a maximum of 44 frames per second. All channels have logarithmic power for finer color and intensity control. The fourth channel, intensity, allows the user to vary brightness without affecting the color. The integral power supply and DMX control modules are enclosed in an attached sealed bronze combination box. The proprietary DMX control module senses the LED temperature and adjusts the LED power accordingly to yield a lamp life of up to 50,000 hours of operation. This lamp

life exceeds any other fixture designed for this use. For power and signal hook-up, the integral combination box includes a minimum of 10' of submersible rated power cable and a minimum of 10' of submersible rated DMX signal cable.

Features

- Ideal for replacement of up to 300 watt incandescent lamps
- Available in Monochromatic white, red, green, blue and amber and DMX512 RGB mixing
- Heavy wall cast bronze construction, salt water bronze also available
- 60 input watts, up to 4320 delivered lumens
- RGB Control: Standard DMX512, three or four channels per fixture
- 6 different distributions available
- Minimum of 35' of 16/3ST submersible rated power cord, RGB fixtures have an additional data cord
- Low water protection standard

Listings

UL, CSA, CSAus, IP68.

4426 NM

LED Niche Mount- Monochromatic
LED Niche Mount- Dynamic RGB



Visit www.hydrel.com for color changing LED specifications.

ORDERING INFORMATION

Specifications subject to change.

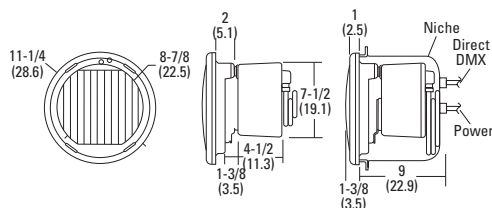
Example: 4426 B 18LED RGB 120 WFL CLS NM 4DMX DDX ST3 CSL50

Series	Material	LED type	LED Color	Voltage	Distribution	Lens	Mounting
4426	B Bronze	18LED 60W	RGB Mixing	120	WFL Wide flood	CLS Convex lens swim	NM Niche mount
	SWB Saltwater bronze	36LED 96W	WHT30K Warm white				
	SS Stainless steel		WHT41K Neutral white				
			WHT53K Cool white				
			AMB Amber				
			BLU Blue				
			GRN Green				
			RED Red				
Communication to fixture		Channel	Cord set length		Lamped		
1 RGB LED only		2 RGB LED only	CSL_ 35'-120' of cord available in 5' increments		LP Lamp included		
DDX Direct DMX		ST_ Static ¹					
		SQ_ Sequential (specify starting channel) ²					

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

**Notes**

- 1 All fixtures will be programmed with the same set of numbers, specify starting numbers.
- 2 Fixtures will be programmed sequentially starting with the number provided by customer.
- 3 Consult factory.

4425 NM SWM

4427 NM SWM



Intended Use

Underwater lighting for swimming pools.

Features

- Heavy wall cast bronze construction
- Fixed wet niche mounting
- Incandescent up to 500 watt PAR56 lamp for the 4425, 1000 watt, PAR64 for the 4427

- Multiple distribution patterns available
- Minimum of 35' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt

ORDERING INFORMATION

Specifications subject to change.

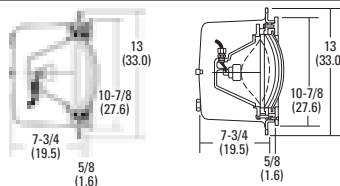
Example: 4425 B P56300ILV 12 WFL CLS NM 1B CSL50 SWM LPI

Series	Material	Lamp type	Voltage	Distribution	Lens	Mounting
4425	B Bronze	Low-voltage ^{1,2} Incandescent	12 ^{1,2}	MFL Medium flood	CLS Convex lens swim	NM Niche mount
4427	SS Stainless steel bezel	P56300ILV ³ P56500I ² P64500I ³ P641000I ³	120	NSP Narrow spot WFL Wide flood	CLSA Convex lens swim amber CLSB Convex lens swim blue CLSG Convex lens swim green CLSR Convex lens swim red	
Conduit entry		Cord Set Length		Application	Lamped	Options
120V only		CSL 35'-120' of cord available in 5' increments ⁴		SWM Swimming pool	LPI Lamp included	CSA Meets Canadian Standards
34B 3/4" NPT bottom	1B 1" NPT bottom					

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 12V only; transformer sold separately.
- 2 Only available with 4425.
- 3 Only available with 4427.
- 4 50' maximum cord length on 12V fixtures.
- 5 P56300ILV only available with WFL distribution.

PRODUCT INFORMATION

Swimming Pool

4800 NM SWM



Intended Use

Underwater lighting for swimming pools.

Features

- LED version is ideal for replacement of 20-35 watt HID sources
- Heavy wall cast bronze construction

- Adjustable eyeball niche for the round version with 10° of adjustment, square niches are fixed
- 9 watt or LED or incandescent up to 150 watts with T4 quartz lamps
- Spot and flood distributions available
- Minimum of 35' of 16/3ST submersible rated power cord, 10/3 cord for 12 volt

ORDERING INFORMATION

Specifications subject to change.

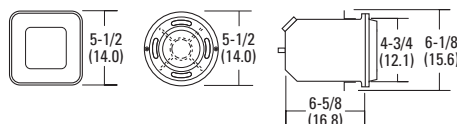
Example: 4800 RD B M75 12 FL CL NM 3445B CSL50 SWM LPI

Series	Door	Material	Lamp type	LED Color	Voltage	Distribution	Lens
4800	RD Round	B Bronze	LED	WHT30K 3000K	12 ¹	FL Flood ³	CLS Convex lens swim
	SQ Square	SS Stainless steel bezel	LED	WHT41K 4100K	120	NSP Narrow spot	CLA Convex lens amber
			Low voltage ¹	WHT53K 5300K		MFL Medium flood	CLB Convex lens blue
			M75	AMB Amber			CLG Convex lens green
			Incandescent	BLU Blue			CLR Convex lens red
			100Q	GRN Green			CLC Convex lens clear
			150Q	RED Red			
Mounting	Conduit entry	Cord Set Length		Application	Lamped	Options	
NM Niche mountz	34B 3/4" NPT at 45°	CSL 35'-120' of cord available in 5' increments ^{2,4}		SWM Swimming pool	LPI Lamp included	CSA Meets Canadian Standards	

ADDITIONAL INFORMATION

For additional product information, visit www.hydrel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 12V only; transformer sold separately.
- 2 50' maximum cord length on 12V fixtures.
- 3 Only available with M75 lamp; otherwise leave blank.
- 4 Only available with LED.

Intended Use

Linear LED underwater light for reflecting pools and fountains.

Features

- Linear LED with up to 186 lumens per foot
- 316 stainless steel body and mountings
- Available in 12", 18", 24", 30", 36", 42" & 48" lengths

- 2700K through 5000K color temperatures available
- Adjustable bracket mount
- Wet and wet/dry versions available

Listings

ETL, RoHS, IP68.



W6300 LED



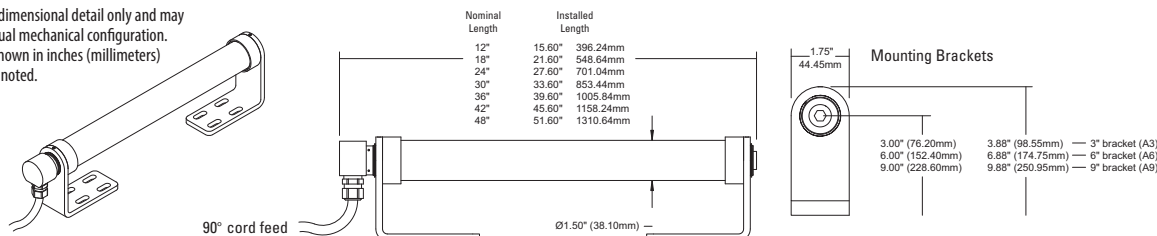
Example: W6312 LED 120ma 2700K NFL A3 SC CSL LP

Series		Lamp type	LED Ampeage	LED Color	Voltage	Distribution		Mounting		Conduit Entry		Cord Set Length	Lamped	
Wet	Wet/Dry	LED	30mA ¹ 60mA ² 120mA ³	2700K 3000K 3500K 4000K 5000K	24 ⁴	NFL	Narrow flood	A3	3" adjustable	SC	Straight standard	CSL_ 10'-20' of cord available in 5' increments	LP	Lamp included
W6312	12"	WD6312 12"				VWFL	Very wide flood	A6	6" adjustable	90C	90° turn (optional)			
W6318	18"	WD6318 12"						A9	9" adjustable					
W6324	24"	WD6324 24"												
W6330	30"	WD6330 30"												
W6336	36"	WD6336 36"												
W6342	42"	WD6342 42"												
W6348	48"	WD6348 48"												

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

**Notes**

- 30ma = 4 watts per foot.
- 60ma = 7 watts per foot.
- 120ma = 13 watts per foot.
- Requires a remote transformer.

PRODUCT INFORMATION

Fountain & Reflecting Pool Fixtures

Intended Use

Linear LED underwater light for reflecting pools and fountains.

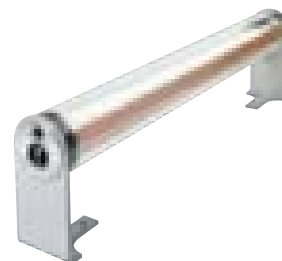
Features

- Linear LED with up to 1841 lumens per foot
- 316 stainless steel body and mountings
- Available in 30", 42" & 54" lengths

- 2700K through 5000K color temperatures available
- Adjustable bracket mount

Listings

ETL, RoHS, IP68.



W6800 LED



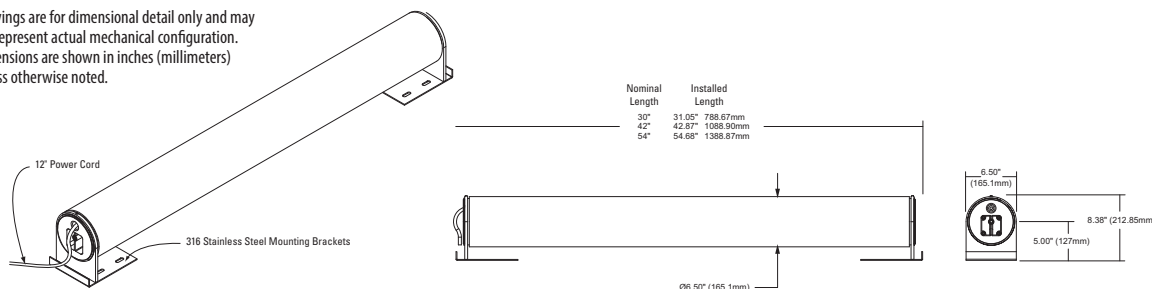
Example: W6830 LED 300mA 2700K 2700K NSP CSL10 LP

Series		Lamp type	LED Ampeage	LED Color	Voltage	Distribution		Cord Set Length		Lamped	
W6830	30"	LED	300mA	2700K	24	NSP	Narrow spot	CSL_ 10'-20' of cord available in 5' increments	LP	LED array included	
W6842	42"			3000K		VWFL	Very wide flood				
W6854	54"			3500K							
				4000K							
				5000K							

ADDITIONAL INFORMATION

For additional product information, visit www.hydel.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.

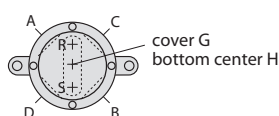


JUNCTION BOXES

Hydrel underwater junction boxes are designed for the connection of supply cords from underwater fountain fixtures and service conduits. They feature heavy cast bronze construction, neoprene gaskets, internal ground lugs and stainless steel hardware. All hubs may be tapped either 1/2" NPT or 3/4" NPT with other drillings available upon request. When ordering, specify the catalog number, hub location and hub size. Letters around perimeter indicate side drill locations. Letters within box indicate bottom drill locations.



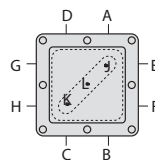
JB1701



Outside dimensions:
4-3/4" (12.1) dia. x 3" (7.6) deep
Inside dimensions:
3-1/2" (8.9) dia. x 2" (5.1) deep
(25 cubic inches)
Cover may have single 1/2" (1.3) or 3/4" (1.9) hub.
Bottom may also have single 1" (2.5) hub.



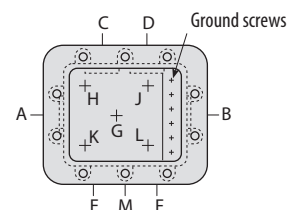
JB1706



Outside dimensions:
5-3/8" (13.7) sq. x 2-1/2" (6.4) deep
Inside dimensions:
4" (10.2) sq. x 2" (5.1) deep
(32 cubic inches)



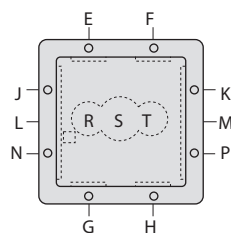
JB1710



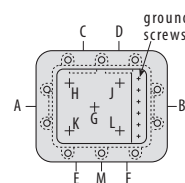
Outside dimensions:
7-5/8" (19.4) x 6-1/2" (16.5) x 4-7/16" (11.3) deep
Inside dimensions:
5-3/16" (13.2) x 4-1/8" (10.5) x 3-11/16" (9.4) deep (62 cubic inches)



JB1711



Outside dimensions:
7-5/8" (19.4) sq. x 4-3/4" (12.1) deep
Inside dimensions:
6" (15.3) sq. x 4" (10.2) deep
(144 cubic inches)
Bottom may have maximum three 1" (2.5) hubs or two 1-1/4" (3.2) hubs or one 2" (5.1) hub.

JB1719
(Deck-Mounted)¹

Outside dimensions:
7-5/8" (19.4) x 6-1/2" (16.5) x 4-7/16" (11.3) deep
Inside dimensions:
5-3/16" (13.2) x 4-1/8" (10.5) x 3-11/16" (9.4) deep
(62 cubic inches)

Notes

¹ Specifically designed for deck or remote wall mountings, this deck junction box meets all the requirements of the NEC. It features cast bronze construction, neoprene gaskets, one hub at each end and two hubs on one side. The entire bottom and one side of the box are suitable for drilling. Fasteners are stainless steel.

Dimensions are shown in inches (centimeters) unless otherwise noted.

MISCELLANEOUS

Complementing their underwater lights, is Hydrel's full line of accessories – manufactured to the high standards required for underwater fountain and pool products.

Colored Lenses

Green, red, amber and blue available for most fixtures.



Potting Compound

PC21 is a re-enterable potting compound which pours yellow and cures transparent so connections are easily located. It meets NEC requirements for potting underwater junction boxes.

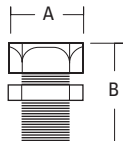


CATALOG NUMBER	DESCRIPTION
PC21	35 CU. IN.
PC2112	20 CU. IN.

Cord Seals

Constructed of brass with neoprene grommets, these seals are for use in underwater junction boxes for fixture cord entrance seals.

CATALOG NUMBER	NPT	CORD	A	B
CS14302	1/2	18-3	7/8 (2.2)	1-1/2 (3.8)
CS143022	1/2	16-3* (3 x 1.5)	7/8 (2.2)	1-1/2 (3.8)
CS14304	3/4	18-3	1-1/4 (3.2)	1-3/4 (4.4)
CS14303	3/4	14-3 (2 x 4)	1-1/4 (3.2)	1-3/4 (4.4)
CS143032	3/4	12-3	1-1/4 (3.2)	1-3/4 (4.4)
CS143033	3/4	10-3 (2 x 6)	1-1/4 (3.2)	1-3/4 (4.4)



Notes

* 18-2/16-1 cord fits SR50 and CS143022 parts.

Low-Voltage Transformers

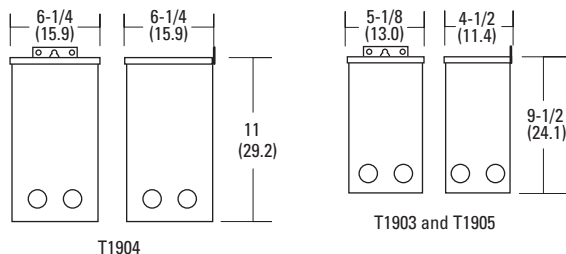
Low-voltage lighting fixtures require that the line voltages be stepped down. This is normally accomplished with a transformer or a series of transformers located in the pool equipment area. Hydrel offers such parts in sizes from 100W to 1000W.

Notes

Special consideration must be given to the length of cords used with low-voltage underwater fixtures.



CATALOG NUMBER	DESCRIPTION
T1901	100W transformer
T1903	300W transformer
T1904	1000W transformer
T1905	500W transformer



USR-Universal Strain Relief¹

Universal strain relief (USR). Strain reliefs, used where J-boxes are mounted flush to floor or deck. Specify for the total number of fixtures to be mounted.



Notes

¹ Specify USR strain reliefs for the total number of fixtures. USR sold separately.

Dimensions are shown in inches (centimeters) unless otherwise noted.



SENSOR SWITCH®

Sensor Switch is the leader in developing occupancy sensing technology for lighting controls. These sensors reduce a space's energy consumption and enhance the convenience for occupants. The wide breadth of stand-alone sensor and photocell products provides a cost-effective and reliable solution for any application or building type.

Additionally, Sensor Switch offers nLight®, a powerful system that combines occupancy sensors, daylight sensors, manual controls and time-based strategies for lighting energy management. Available nLight Enabled luminaires simplify installation and support.



934



942



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WSX FAMILY

Wall Switch Sensor



Overview

The WSX Family of wall switch occupancy sensors provides simple and cost effective solutions for commercial and residential lighting control applications. All WSX Family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20 ft (6.10 m), making them perfect for private offices, private rest rooms, closets, copy rooms, or any other small enclosed space. Additionally, all WSX Family sensors have a patent pending wiring method that enables them to function either with or without a neutral connection. WSX units come pre-configured for wiring without a neutral; however, if connection to neutral is required by code, contractors can convert the unit in seconds.

All WSX Family sensors utilize 100% digital Passive Infrared (PIR) detection. Dual Technology (PDT option) versions add Microphonics™ detection and are recommended for offices and rooms with obstructions. Additional versions include units with dual relays - perfect for bi-level applications, and units with an integrated night light - perfect for restrooms and residential applications.

Features

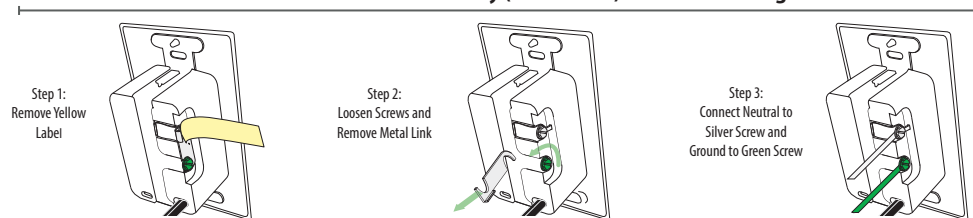
- 100% digital PIR detection - excellent RF immunity
- Ruggedized assembly, vandal resistant lens standard
- Dual Technology (PDT) utilizes PIR/Microphonics detection (patented)
- 100% passive detection, no potential for interference with other building systems
- White LED status indicator
- Device accommodates powering over ground or neutral connection (patent pending)
- Fully meets NEC 2011 Section 404.2C neutral requirements - no current leakage to ground when connected to neutral
- Line power and load wires are interchangeable - impossible to wire backwards (patented)
- Compatible w/ LEDs, electronic & magnetic ballasts, CFLs, & incandescents
- Photocell standard (disabled by default)
- Push-button programmable without removing cover plate - adjustable time delays & operating modes

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

PHYSICAL	ELECTRICAL	ENVIRONMENTAL
SIZE: 2.74" H x 1.68" W x 1.63" D (6.96 cm x 4.27 cm x 4.14 cm) (not including ground strap) WEIGHT: 5 oz MOUNTING: Single gang switch box MOUNTING HEIGHT: 30-48" (76.2-121.9 cm) SILICONE FREE ROHS COMPLIANT	MAXIMUM LOAD/POLE (RELAY): 800 W @ 120 VAC 1200 W @ 277 VAC 1500 W @ 347 VAC MINIMUM LOAD: None MOTOR LOAD: 1/4 Hp FREQUENCY: 50/60 Hz	OPERATING TEMP: Standard: 14° to 122°F (-10° to 50°C) LT Option (PIR): -40° to 122°F (-40° to 50°C) LT Option (PDT): -4° to 122°F (-20° to 50°C) RELATIVE HUMIDITY: Standard: 20 to 75% non-condensing LT Option: 20 to 90% non-condensing (electronics coated for corrosion resistance)

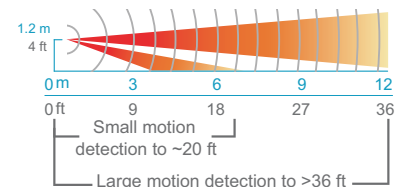
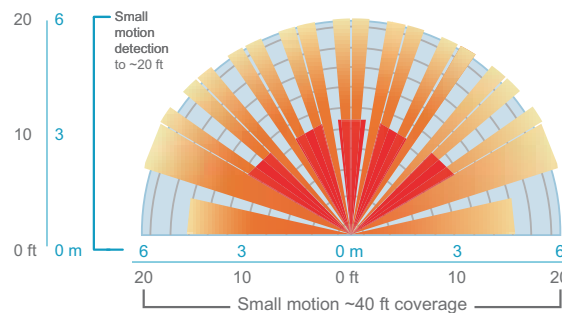
Conversion from Ground Only (No Neutral) to Neutral Wiring



COVERAGE PATTERN

WSX Wall Switch Occupancy Sensors

- Small motion (e.g., hand movements) detection up to 20 ft (6.10 m), ~625 sq ft
- Large motion (e.g., walking) detection greater than 36 ft (10.97 m), ~2025 sq ft
- Wall-to-Wall coverage
- Passive Dual Technology (Microphonics) provides overlapping detection of human activity over the complete PIR coverage area; advanced filtering is utilized to prevent non-occupant noises from keeping the lights on



SIDE VIEW

OPTION INFORMATION

347 347 Voltage

- Allows sensor to be powered from and switch 347 VAC
- Cover plate for 347 VAC sensors included

LT Low Temp/High Humidity

- Required for cold/humid areas
- Sensor electronics are coated for corrosion resistance
- Operates down to -40°F/C (-4°F/-20°C for PDT)

2P Dual Relay

- Ideal for bi-level switched rooms or restroom with light & fan
- Includes two isolated relays, Pole 1 defaulted to Auto On, Pole 2 to Vacancy
- Enables separate time delay per pole - programmed via each pole's push-button
- UL Listed to switch different loads per pole - e.g. 277 VAC lights on Pole 1 and 120 VAC fan on Pole 2

NL Night Light

- Ideal for bathrooms (hotel/hospital) or residential applications
- Ultra low power White LED night light (24/7 operation)
- Capable of powering over Ground (no Neutral required)
- Manual On/Auto off operation of lights (default)
- Available with Single or Dual Relays

PRODUCT INFORMATION

SINGLE RELAY

Specifications subject to change.

Example: WSX PDT WH

Series	Operating mode ¹	Voltage	Color ³	Temp/Humidity
WSX Passive Infrared (PIR)	(blank) Auto-On (default) or Vacancy	(blank) 120/277 VAC	WH White	(blank) Standard
WSX PDT Dual Technology (PIR/Microphonics)	SA Vacancy (default) or Auto-On	347 347 VAC ²	IV Ivory	LT Low Temp/High Humidity
	VA Vacancy only		GY Gray	
			AL Light Almond	
			BK Black	
			RD Red	

DUAL RELAY

Specifications subject to change.

Example: WSX 2P 2SA 347 WH LT

Series	Operating mode ¹	Voltage	Color ³	Temp/Humidity
WSX 2P Passive Infrared (PIR)	(blank) Pole 1 Auto-On	(blank) 120/277 VAC	WH White	(blank) Standard
WSX PDT 2P Dual Technology (PIR/Microphonics)	Pole 2 Vacancy (default)	347 347 VAC ²	IV Ivory	LT Low Temp/High Humidity
	2SA Both Poles Vacancy (default) or Auto-On		GY Gray	
	2VA Both Poles Vacancy only		AL Light Almond	
			BK Black	
			RD Red	



NIGHT LIGHT

Specifications subject to change.

Example: WSX PDT NL WH

Series ⁴	Voltage	Color ³	Temp/Humidity
WSX NL Passive Infrared (PIR)	(blank) 120/277 VAC	WH White	(blank) Standard
WSX PDT NL Dual Technology (PIR/Microphonics)	347 347 VAC ²	IV Ivory	LT Low Temp/High Humidity
WSX 2P NL Dual Relay, Passive Infrared (PIR)		GY Gray	
WSX PDT 2P NL Dual Relay, Dual Technology (PIR/Microphonics)		AL Light Almond	
		BK Black	
		RD Red	



TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes

- Operating modes reprogrammable via push-button except for VA version.
- Wall plates included in white or ivory only for 347 VAC units.
- Matching wall plate provided for 120/277 VAC units.
- Units factory set to Vacancy (Manual On) Operating mode.

WSD FAMILY

Wall Switch Sensor



Overview

The WSD is a stylish, easy to install, and simple to use wall switch style Passive Infrared (PIR) sensor. It is ideal for private offices, copy rooms, closets, or any small enclosed space without obstructions. A user programmable time delay ensures that once the room is vacated the sensor will time out and turn off the lights. Additionally, the WSD sensor has several On Modes and Switch Modes that can be programmed using the front push-button. For rooms with obstructions, the Dual Technology WSD PDT Series sensor is recommended. Additionally, all WSD Family sensors have a patent pending wiring method that enables them to function either with or without a neutral connection. WSD units come pre-configured for wiring without a neutral; however, if connection to neutral is required by code, contractors can convert the unit in seconds.

Features

- 100% digital PIR detection - excellent RF immunity
- Small motion detection to 20 ft

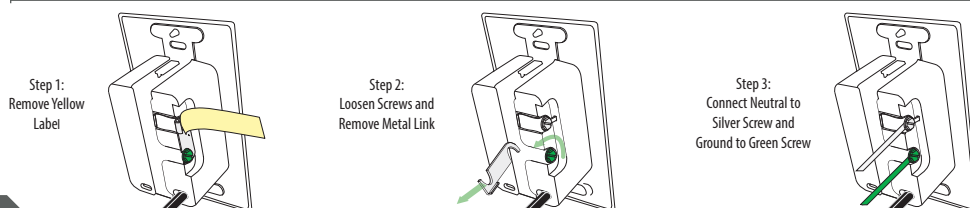
- Dual Technology (PDT) utilizes PIR / Microphonics detection (patented)
- 100% passive detection, no potential for interference with other building systems
- Self-grounding mounting strap
- Green LED status indicator
- Device accommodates powering over ground or neutral connection (patent pending)
- Line power and load wires are interchangeable - impossible to wire backwards (patented)
- Photocell standard (disabled by default)
- Compatible w/ LEDs, electronic & magnetic ballasts, CFLs, & incandescents
- Push-button programmable without removing cover plate - adjustable time delays & operating modes

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

PHYSICAL	SPECIFICATIONS ELECTRICAL	ENVIRONMENTAL
SIZE: 2.74" H x 1.68" W x 1.63" D (6.96 cm x 4.27 cm x 4.14 cm) (not including ground strap) WEIGHT: 5 oz MOUNTING: Single gang switch box MOUNTING HEIGHT: 30-48" (76.2-121.9 cm) SILICONE FREE ROHS COMPLIANT	MAXIMUM LOAD/POLE (RELAY): 800 W @ 120 VAC 1200 W @ 277 VAC 1500 W @ 347 VAC MINIMUM LOAD: None MOTOR LOAD: 1/4 Hp FREQUENCY: 50/60 Hz	OPERATING TEMP: Standard: 14° to 122°F (-10° to 50°C) LT Option (PIR): -40° to 122°F (-40° to 50°C) LT Option (PDT): -4° to 122°F (-20° to 50°C) RELATIVE HUMIDITY: Standard: 20 to 75% non-condensing LT Option: 20 to 90% non-condensing (electronics coated for corrosion resistance)

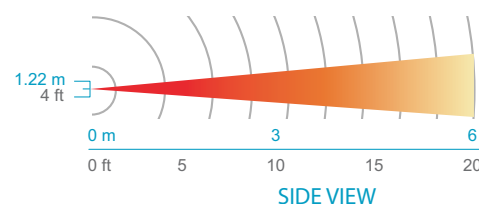
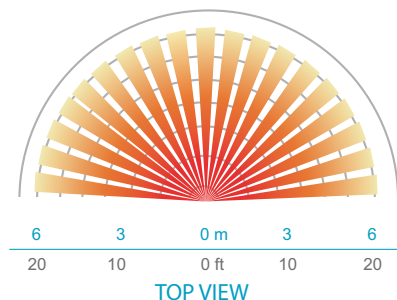
Conversion from Ground Only (No Neutral) to Neutral Wiring



COVERAGE PATTERN

WSD Wall Switch Occupancy Sensors

- Small motion (e.g., hand movements) detection up to 20 ft (6.10 m), ~625 sq ft
- Large motion (e.g., walking) detection greater than 36 ft (10.97 m), ~2025 sq ft
- Wall-to-Wall coverage
- Passive Dual Technology (Microphonics) provides overlapping detection of human activity over the complete PIR coverage area; advanced filtering is utilized to prevent non-occupant noises from keeping the lights on



OPTION INFORMATION

347 347 Voltage

- Allows sensor to be powered from and switch 347 VAC
- Cover plate for 347 VAC sensors included

LT Low Temp/High Humidity

- Required for cold/humid areas
- Sensor electronics are coated for corrosion resistance
- Operates down to -40°F/C (-4°F/-20°C for PDT)

2P Dual Relay

- Ideal for bi-level switched rooms or restroom with light & fan
- Includes two isolated relays, Pole 1 defaulted to Auto On, Pole 2 to Vacancy
- Enables separate time delay per pole - programmed via each pole's push-button
- UL Listed to switch different loads per pole - e.g. 277 VAC lights on Pole 1 and 120 VAC fan on Pole 2

PRODUCT INFORMATION

Wall Switch Sensors

SINGLE RELAY

Specifications subject to change.

Example: WSD PDT WH

Series		Operating mode ¹		Voltage		Color ³		Temp/Humidity	
WSD	Passive Infrared (PIR)	(blank)	Auto-On (default) or Vacancy	(blank)	120/277 VAC	WH	White	(blank)	Standard
WSD PDT	Dual Technology (PIR/Microphonics)	SA	Vacancy (default) or Auto-On	347	347 VAC ²	IV	Ivory	LT	Low Temp/High Humidity
		VA	Vacancy only			GY	Gray		
						AL	Light Almond		
						BK	Black		

DUAL RELAY

Specifications subject to change.

Example: WSD PDT 2P 2SA WH

Series		Operating mode ¹		Voltage		Color ³		Temp/Humidity	
WSD 2P	Passive Infrared (PIR)	(blank)	Pole 1 Auto-On	(blank)	120/277 VAC	WH	White	(blank)	Standard
WSD PDT 2P	Dual Technology (PIR/Microphonics)		Pole 2 Vacancy (default)	347	347 VAC ²	IV	Ivory	LT	Low Temp/High Humidity
		2SA	Both Poles Vacancy (default) or Auto On			GY	Gray		
						AL	Light Almond		
						BK	Black		



TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes

- 1 Operating modes reprogrammable via push-button except for VA version.
- 2 Wall plates included in white or ivory only for 347 VAC units.
- 3 Matching wall plate provided for 120/277 VAC units.

PRODUCT INFORMATION

PRESET TIMER SWITCHES



Overview

The PTS 60 and PTS 720 Series preset timer switches provide a simple to use and simple to apply lighting control alternative to wall switch occupancy sensors. These elegant decorator style wall stations each provide six preset countdown timer selections as well as an on/off push-button. The PTS 60 and PTS 720 units are powered from 120/277 VAC (optional 347 VAC) and are intended to switch a line voltage lighting load or small motor load (see specifications). Additionally, the PTS 60 and PTS 720 can be applied without requiring a neutral wiring connection, making them ideal for retrofit applications.

Features

- Self-contained relay
- Interchangeable hot & load wires - impossible to wire backwards
- No neutral connection required
- No minimum load requirement
- Fixed or adjustable preset times
- Optional audible timeout warning at 45, 30, and 15 sec
- Optional flicker timeout warning at 2 and 1 min
- Continuous led flash for last 30 sec of button's time setting
- Green led time indicators

ORDERING INFORMATION

Specifications subject to change.

Example: PTS 60 WH

Series	Time Scale	Voltage	Color	Temp/Humidity
PTS	60 60 min. max 720 720 min. max	(blank) 120/277 VAC 347 347 VAC	WH White IV Ivory GY Gray AL Light Almond BK Black	(blank) Standard LT Low Temp/High Humidity

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS		
PHYSICAL	ELECTRICAL	ENVIRONMENTAL
SIZE: 2.74" H x 1.68" W x 1.63" D (6.96 cm x 4.27 cm x 4.14 cm) (not including ground strap) WEIGHT: 5 OZ MOUNTING: Single Gang Switch Box SILICONE FREE ROHS COMPLIANT	MAXIMUM LOAD ¹ : 800 W @ 120 VAC 1200 W @ 277 VAC 1500 W @ 347 VAC MINIMUM LOAD: None MOTOR LOAD: 1/4 HP FREQUENCY: 50/60 Hz	OPERATING TEMP: Standard: 14° to 122°F (-10° to 50°C) LT Option: -40° to 122°F (-40° to 50°C) RELATIVE HUMIDITY: Standard: 20 to 75% non-condensing LT Option: 20 to 90% non-condensing

ETL LISTED
TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes
1 Load specifications for fluorescent and incandescent lighting only.
See data sheet for LED specifications.

Overview

The Push-Button SwitchPod (SPODM) Series of low voltage wall stations interface with Sensor Switch occupancy sensors and power packs in order to implement a wide range of single and bi-level switching applications. These switch devices provide an elegant and cost-effective way of deploying bi-level lighting control that meet energy and building codes without having to source special sensors or power packs.

SwitchPods are all single gang decorator style devices available as single or dual switch units. Versions are also available that work in 3-way applications and/or have a 0-10 VDC dimming output. Units defaulted to dual manual-on operation are also available. For digital solutions to bi-level lighting applications, nLight Enabled wall stations (WallPods), power packs, and sensors are necessary.

Features

- Used with standard occupancy sensors for manual-on applications
- Alternative usage as override switch for auto-on applications
- Single gang decorator style enclosure with 1 or 2 on/off switches
- Finger-touch control
- Programmable w/o removing switch plate
- Optional dual manual-on operation
- 3X option enables unit for multi-way configurations (i.e., 3-way, 4-way, etc.)
- Optional 0-10 VDC dimming control

SWITCHPOD

Sensor Interface Switch

**ORDERING INFORMATION**

Specifications subject to change.

Example: SPODM WH

Series		# of Switches/Default on Oper.		Multi-way ¹		Dimming ¹		Color		Temp/Humidity	
SPODM	Sensor Interface Switch	(blank)	1 Switch/Auto On	(blank)	None	(blank)	None	WH	White	(blank)	Standard
		SA	1 Switch/Manual On	3X	Multi-way (e.g. 3-way)	D	Dimming Operation (0-10VDC)	IV	Ivory	LT	Low Temp/High Humidity
		2P	2 Switches (Switch 1 Manual/Switch 2 Auto)					GY	Gray		
		2P 2SA	2 Switches (both Manual)					AL	Light Almond		
								BK	Black		

ADDITIONAL INFORMATIONFor additional product information, visit www.sensorswitch.com.

PHYSICAL		ELECTRICAL		SPECIFICATIONS		ENVIRONMENTAL	
SIZE: 2.74" H x 1.68" W x 1.63" D (6.96 cm x 4.27 cm x 4.14 cm) (not including ground strap)		OPERATING VOLTAGE: 12-24 VAC/VDC		OPERATING TEMP:		Standard: 14° to 122°F (-10° to 50°C)	
WEIGHT: 2 OZ		CURRENT DRAW: 5 mA		LT Option: -40° to 122°F (-40° to 50°C)		RELATIVE HUMIDITY:	
MOUNTING: Single gang switch box or low voltage ring		DIMMING LOAD: 0-10 VDC, Sinks < 20mA; ~40 Ballasts / Drivers @ 0.5mA each		Standard: 20 to 75% non-condensing		LT Option: 20 to 90% non-condensing	
SILICONE FREE		RECOMMENDED POWER PACK: PP20					
ROHS COMPLIANT							

 **UL US LISTED**
TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes¹ Not available with 2 switch (2P) versions.

PRODUCT INFORMATION

RDT™ WIRELESS

Occupancy Sensors



Overview

Sensor Switch's CM (PDT) xx WR Series of wireless occupancy sensors provide both Passive Infrared (PIR) and Microphonics Dual Technology detection options. These battery operated sensors (with an estimated 10 year battery life) utilize RDT Wireless technology. They are designed to work with the SPODMR WR Series wall switch or other RDT Wireless devices to control a space's lighting.

Features

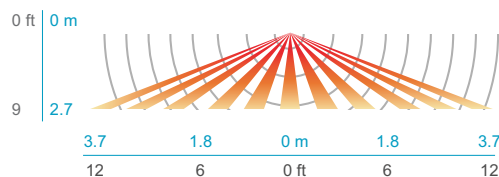
- 100% wireless operation
- RDT™ 902 MHz compliant
- 10-year battery life (at defaults)
- 360° coverage pattern
- 100% digital PIR detection
- Optional Dual Tech. (PIR / Microphonics™) detection
- Simple push-button pairing

COVERAGE PATTERN

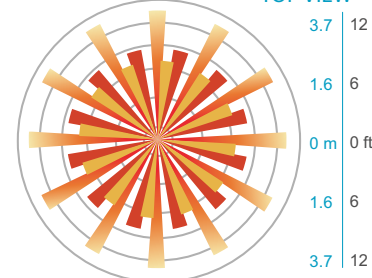
Small Motion 360°

- Best choice for small motion (e.g. hand movements) detection
- 360° conical shaped pattern
- Provides ~12 ft (3.66 m) radial coverage (~500 ft²) when mounted to standard 9 ft (2.74 m) ceiling
- 8 to 15 ft (2.44 to 4.57 m) mounting heights provide ~10 to 20 ft (3.05 to 6.10 m) radial coverage
- Units with PDT (Passive Dual Technology) option (also called Microphonics™) provide overlapping detection of sounds from human activity over the complete PIR coverage area

SIDE VIEW



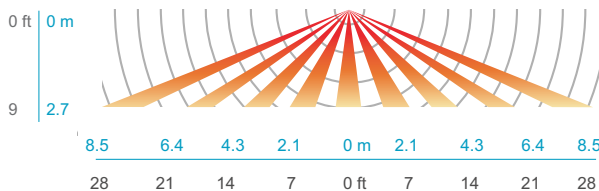
TOP VIEW



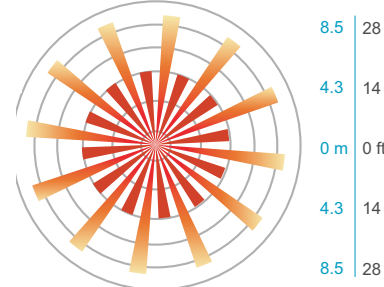
Large Motion 360°

- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide ~16 to 36 ft (4.88 to 10.97 m) radial coverage
- Detection range improves when walking across beams compared to into beams
- Units with PDT (Passive Dual Technology) option (also called Microphonics™) provide overlapping detection of sounds from human activity over the complete PIR coverage area

SIDE VIEW



TOP VIEW



ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS

PHYSICAL	ENVIRONMENTAL
SIZE: 4.5" Diameter (11.56 cm), 2.39" Deep (6.07 cm) WEIGHT: 6 oz. MOUNTING: Ceiling Surface, 3.5" Octagon Box, Single Gang Handy Box COLOR: Matte White BATTERY TYPE: AA Lithium (1.5V) EXPECTED BATTERY LIFE: ~10 years (at factory defaults)	OPERATING TEMP: CM xx WR: -4° to 122° (-20° to 50° C) CM PDT xx WR: 25° to 122°F (-4° to 50° C) RELATIVE HUMIDITY: Standard: 20 to 90% non-condensing

ORDERING INFORMATION

Specifications subject to change.

Example: CM PDT 9 WR

Series	Detection	Coverage	Wireless Technology
CM Ceiling mount sensor	(blank) Passive Infrared (PIR)	9 Small motion 360°	WR RDT™ Wireless
	PDT Dual Tech (PIR/Microphonics)	10 Large motion 360°	

Overview

The SPODMR WR is a stylish, easy to install, and simple to use wall switch for use with paired CM (PDT) xx WR occupancy sensors or other RDT™ Wireless relay modules, kinetic switches, or plug-load controllers. Once wired, a few button pushes is all it takes to pair the switch to the desired sensors.

Features

- Line power and load wires are interchangeable- impossible to wire backwards
- Neutral wire required-no current leakage to load
- 2 Green LED Indicators
- Adjustable time delays
- Auto-On or Manual-On modes
- Simple push-button pairing

RDT™ WIRELESS
Switch & Load Controller



ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS		
PHYSICAL	ELECTRICAL	ENVIRONMENTAL
SIZE: 2.74" H x 1.68"W x 1.63"D (6.96 cm x 4.27 cm x 4.14 cm) WEIGHT: 5 oz. MOUNTING: Single gang switch box SILICONE FREE ROHS COMPLIANT	MAXIMUM LOAD ¹ : 800W @ 120 VAC/1200W @277VAC (Fluorescent/Incandescent) See data sheet for LED specs 1A @ 24 VAC/VDC MINIMUM LOAD: None MOTOR LOAD: 1/4HP LOAD FREQUENCY: 50/60 Hz	OPERATING TEMP: (-20° to 50° C) RELATIVE HUMIDITY: 20-75% non-condensing WIRELESS FREQUENCY: 902 MHz (RDT™)

ORDERING INFORMATION

Specifications subject to change.

Example: SPODMR WR WH

Series	Operating Mode	Color	Kit
SPODMR WR Wall switch	(blank) Auto on SA Manual on	WH White IV Ivory GY Gray AL Light Almond BK Black	(blank) None K1 Includes CM 9 WR K2 Includes CM 10 WR K3 Includes CM PDT 9 WR K4 Includes CM PDT 10 WR

 **US LISTED**
TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes
¹ Load specifications for fluorescent and incandescent lighting only.
See data sheet for LED specifications.

SMALL MOTION

360° Sensors

Overview

Small Motion/Standard Range 360° occupancy sensors offer excellent performance and sensitivity to small motions (e.g. hand movements). Available in low voltage and line voltage models, these sensors are capable of covering an entire private office or small room by themselves. Multiple low voltage sensors can also work together to supply the ideal solution for oddly shaped rooms or large open office areas. A line voltage sensor provides one relay for a single-level control, while the 2-pole version provides a second relay for an additional level of control. For rooms with obstructions, these sensors are also offered with dual technology, which adds Microphonics™ detection to the Passive Infrared (PIR) detection. For longer range detection of walking type motions, see the section on Large Motion 360° sensors.

Features (All)

- 30 second to 30 minute time delay
- 100% digital PIR detection
- Push-button programmable
- Minimum On-Timer (LampMaximizer™)
- Green LED indicator
- Convenient test mode

Features (Line voltage)

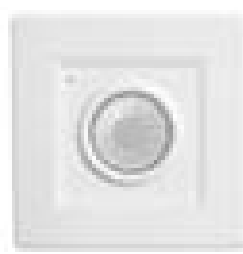
- Self-contained relay(s)
- No minimum load
- Interchangeable hot and load wires

ENCLOSURES



CEILING MOUNT

SIZE	4.55" dia. (11.56 cm) 1.55" deep (3.94 cm)
WEIGHT	6 oz
MOUNTING	3.5" octagon box, or single gang handy box
COLOR	White



RECESSED MOUNT

SIZE	4.40" (11.18 cm) square
WEIGHT	6 oz
MOUNTING	4 x 4 square junction box with or without two-gang mudring; directly to ceiling tile through 2.65 (6.7 cm) square opening
COLOR	White



FIXTURE MOUNT BOX

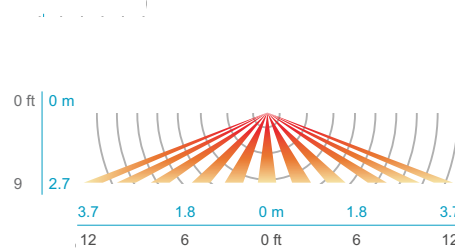
SIZE	3.63" H x 3.63" W x 1.50" D (9.22 cm x 9.22 cm x 3.81 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White

COVERAGE PATTERN

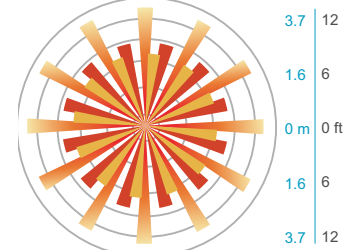
Small Motion 360° Lens

- Best choice for small motion (e.g. hand movements) detection
- 360° conical shaped pattern ~500 ft²
- Provides 12 ft (3.66m) radial coverage when mounted to standard 9 ft (2.74 m) ceiling
- 8 to 15 ft (2.44 to 4.57 m) mounting heights provide 10 to 20 ft (3.05 to 6.10 m) radial coverage
- Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area; advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on

SIDE VIEW



TOP VIEW



OPTION INFORMATION

R Low Voltage Relay

- Enables sensors to interface with other systems (e.g. BMS, lighting panels)
- Provides dry contact closure via a SPDT, 1 amp, 30 volt relay (resistive loads only)

P Photocell

- Auto set-point calibration
- On/off mode: Full on/off control of lighting during periods of occupancy with adequate daylight
- Inhibit mode: Prevents lights from turning on if adequate daylight is available, but does not turn lights off

- 2-pole units operate in inhibit mode only

ADC Automatic Dimming Control Photocell

- Photocell within sensor maintains total room light level by controlling levels of 0-10 VDC dimmable ballasts/drivers
- Photocell also has full on/off control during periods of occupancy
- Provides a second occupancy time-out period that enables lights to go to a dim setting before turning off

LT Low Temp/High Humidity

- Sensor electronics are coated for corrosion resistance

- Operates down to -40° F/C (-4° F/-20° C for PDT)

DZ Dual Zone Photocell

- Provides more advanced control than P option
- DUO operation: Determines necessary on/off combination of poles in inboard/outboard applications
- Percentage offset operation: Uses relative set-point for second pole in dual zone applications

D Occupancy Controlled Dimming

- Provides dimming output to control 0-10 VDC dimmable ballasts/drivers

- Provides a second occupancy time-out period that enables lights to go to a dim setting before turning off
- Sinks <20mA; ~40 ballast/drivers
- Adjustable max/min dim setting

347 347 Voltage

- Allows sensor to be powered and switch 347 VAC

PRODUCT INFORMATION

Small Motion 360° Sensor: Low Voltage

Electrical Specs

Operating Voltage

12-24 VDC/VAC

Recommended Power Supply

PP20

Current Draw

Standard, 4 mA

w/ R option, 16 mA

KEY SPECS			
SERIES	ENCLOSURE	DETECTION	POWER TYPE [VDC/VAC]
CM 9	Ceiling mount	PIR	12-24
CM PDT 9	Ceiling mount	Dual technology (PDT)	12-24
RM 9	Recessed mount	PIR	12-24
RM PDT 9	Recessed mount	Dual technology (PDT)	12-24
CMB 9	Fixture mount box	PIR	12-24
CMB PDT 9	Fixture mount box	Dual technology (PDT)	12-24

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LOW VOLTAGE

Specifications subject to change.

Example: CM 9 R P LT

Series	Relay	Dimming/Photocell Choose One Only	Temp/Humidity
CM 9	(blank) None	(blank) None	(blank) Standard
CM PDT 9	R Low Voltage Relay	D Occupancy Controlled High/Low Dimming	LT Low Temp/High Humidity
RM 9		P Photocell	
RM PDT 9		ADC Photocell with Dimming	
CMB 9			
CMB PDT 9			

PRODUCT INFORMATION

Small Motion 360° Sensor: Line Voltage

Electrical Specs

Load Rating

800 W @ 120 VAC

1200 W @ 277 VAC

1500 W @ 347 VAC

Motor Load 1/4 Hp

Frequency 50/60 Hz

KEY SPECS				
SERIES	ENCLOSURE	DETECTION	POWER TYPE (VAC)	POLES (RELAYS)
CMR 9	Ceiling mount	PIR	120/277	1
CMR PDT 9	Ceiling mount	Dual technology (PDT)	120/277	1
RMR 9	Recessed mount	PIR	120/277	1
RMR PDT 9	Recessed mount	Dual technology (PDT)	120/277	1
CMRB 9	Fixture mount box	PIR	120/277	1
CMRB PDT 9	Fixture mount box	Dual technology (PDT)	120/277	1

TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LINE VOLTAGE

Specifications subject to change.

Example: CMR 9 P 347 LT

Series	Dimming/Photocell Choose One Only	Voltage	Temp/Humidity
CMR 9	(blank) None	(blank) 120/277 VAC	(blank) Standard
CMR PDT 9	D Occupancy Controlled High/Low Dimming	347 347 VAC	LT Low Temp/High Humidity
RMR 9	P Photocell		
RMR PDT 9	ADC Photocell with Dimming		
CMRB 9			
CMRB PDT 9			

PRODUCT INFORMATION

Small Motion 360° Sensor: 2-Pole, Line Voltage

Electrical Specs

Load Rating/Pole

800 W @ 120 VAC

1200 W @ 277 VAC

1500 W @ 347 VAC

Motor Load 1/4 Hp

Frequency 50/60 Hz

KEY SPECS				
SERIES	ENCLOSURE	DETECTION	POWER TYPE (VAC)	POLES (RELAYS)
CMR 9 2P	Ceiling mount	PIR	120/277	2
CMR PDT 9 2P	Ceiling mount	Dual technology (PDT)	120/277	2
RMR 9 2P	Recessed mount	PIR	120/277	2
RMR PDT 9 2P	Recessed mount	Dual technology (PDT)	120/277	2
CMRB 9 2P	Fixture mount box	PIR	120/277	2
CMRB PDT 9 2P	Fixture mount box	Dual technology (PDT)	120/277	2

TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

2-POLE, LINE VOLTAGE

Specifications subject to change.

Example: CMR 9 2P DZ LT

Series	Dimming/Photocell Choose One Only	Voltage	Temp/Humidity
CMR 9 2P	(blank) None	(blank) 120/277 VAC	(blank) Standard
CMR PDT 9 2P	P Photocell (inhibit only)	347 347 VAC	LT Low Temp/High Humidity
RMR 9 2P	DZ Dual Zone Photocell		
RMR PDT 9 2P			
CMRB 9 2P			
CMRB PDT 9 2P			

LARGE MOTION

360° Sensors

Overview

Large Motion/Extended Range 360° occupancy sensors provide maximum viewing area from the ceiling. Available in low voltage and line voltage models, these sensors are designed to detect walking type motion. They are also ideal for placement along corridors or in rooms with ceiling heights as low as 7 ft (2.13 m). Multiple low voltage sensors can tie together to cover larger or oddly shaped areas. A line voltage sensor provides one relay for a single level of control, while the 2-pole version provides a second relay for an additional level of control.

For rooms with obstructions, these sensors are also offered with dual technology. This adds Microphonics™ detection to the Passive Infrared (PIR). Adding dual technology is required if using this sensor in a classroom. For mounting above 15 ft (4.57 m), see the section on high bay sensors.

Features [All]

- 30 second to 30 minute time delay
- 100% digital PIR detection
- Push-button programmable
- Minimum On-Timer (LampMaximizer™)
- Green LED indicator
- Convenient test mode

Features [Line voltage]

- Self-contained relay(s)
- No minimum load
- Interchangeable hot and load wires

ENCLOSURES



CEILING MOUNT

SIZE	4.55" dia. (11.56 cm) 1.55" deep (3.94 cm)
WEIGHT	6 oz
MOUNTING	3.5" octagon box, or single gang handy box
COLOR	White



RECESSED MOUNT

SIZE	4.40" (11.18 cm) square
WEIGHT	6 oz
MOUNTING	4 x 4 square junction box with or without two-gang mudring; directly to ceiling tile through 2.65" (6.7 cm) square opening
COLOR	White



FIXTURE MOUNT BOX

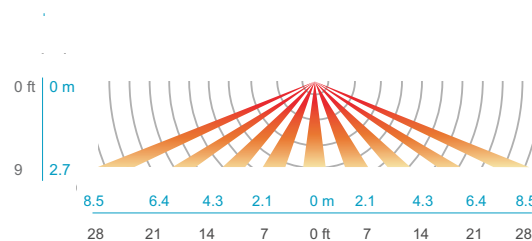
SIZE	3.63" H x 3.63" W x 1.50" D (9.22 cm x 9.22 cm x 3.81 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White

COVERAGE PATTERN

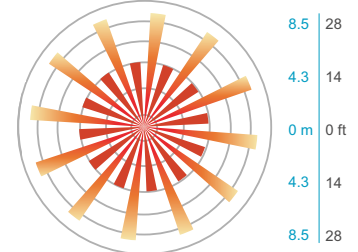
Large Motion 360° Lens

- Best choice for large motion (e.g. walking) detection
- 360° conical shaped pattern
- Provides 24 ft (7.32 m) radial coverage when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area; advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on

SIDE VIEW



TOP VIEW



OPTION INFORMATION

R Low Voltage Relay

- Enables sensors to interface with other systems (e.g. BMS, lighting panels)
- Provides dry contact closure via a SPDT, 1 amp, 30 volt relay (resistive loads only)

P Photocell

- Auto set-point calibration
- On/off mode: Full on/off control of lighting during periods of occupancy with adequate daylight
- Inhibit mode: Prevents lights from turning on if adequate daylight is available, but does not turn lights off
- 2-pole units operate in inhibit mode only

ADC Automatic Dimming Control Photocell

- Allows sensor to control level of 0-10 VDC dimmable ballasts/drivers
- Enables lights to go to a dim setting before turning off

LT Low Temp/High Humidity

- Sensor electronics are coated for corrosion resistance
- Operates down to -40° F/C (-4° F/-20° C for PDT)

DZ Dual Zone photocell

- Provides more advanced control than P option

- DUO operation: Determines necessary on/off combination of poles in inboard/outboard applications
- Percentage offset operation: Uses relative set-point for second pole in dual zone applications

D Occupancy Controlled Dimming

- Provides dimming output to control 0-10 VDC dimmable ballast/drivers
- Provides a second occupancy time-out period that enables lights to go to a dim setting before turning off
- Sinks <20mA; ~40 ballast/drivers
- Adjustable max/min dim setting

347 347 Voltage

- Allows sensor to be powered by and switch 347 VAC

PRODUCT INFORMATION

Large Motion 360° Sensor: Low Voltage

Electrical Specs

Operating Voltage

12-24 VDC/VAC

Recommended Power Supply

PP20

Current Draw

Standard, 4 mA

w/ R option, 16 mA

KEY SPECS

SERIES	ENCLOSURE	DETECTION	POWER TYPE [VDC/VAC]
CM 10	Ceiling mount	PIR	12-24
CM PDT 10	Ceiling mount	Dual technology (PDT)	12-24
RM 10	Recessed mount	PIR	12-24
RM PDT 10	Recessed mount	Dual technology (PDT)	12-24
CMB 10	Fixture mount box	PIR	12-24
CMB PDT 10	Fixture mount box	Dual technology (PDT)	12-24

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LOW VOLTAGE

Specifications subject to change.

Example: CM 10 R P LT

Series	Relay	Dimming/Photocell Choose One Only	Temp/Humidity
CM 10	(blank) None	(blank) None	(blank) Standard
CM PDT 10	R Low Voltage Relay	D Occupancy Controlled High/Low Dimming	LT Low Temp/High Humidity
RM 10		P Photocell	
RM PDT 10		ADC Photocell with Dimming	
CMB 10			
CMB PDT 10			

PRODUCT INFORMATION

Large Motion 360° Sensor: Line Voltage

Electrical Specs

Load Rating

800 W @ 120 VAC

1200 W @ 277 VAC

1500 W @ 347 VAC

Motor Load 1/4 Hp

Frequency 50/60 Hz

KEY SPECS

SERIES	ENCLOSURE	DETECTION	POWER TYPE (VAC)	POLES (RELAYS)
CMR 10	Ceiling mount	PIR	120/277	1
CMR PDT 10	Ceiling mount	Dual technology (PDT)	120/277	1
RMR 10	Recessed mount	PIR	120/277	1
RMR PDT 10	Recessed mount	Dual technology (PDT)	120/277	1
CMRB 10	Fixture mount box	PIR	120/277	1
CMRB PDT 10	Fixture mount box	Dual technology (PDT)	120/277	1



TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LINE VOLTAGE

Specifications subject to change.

Example: CMR 10 P 347 LT

Series	Dimming/Photocell Choose One Only	Voltage	Temp/Humidity
CMR 10	(blank) None	(blank) 120/277 VAC	(blank) Standard
CMR PDT 10	D Occupancy Controlled High/Low Dimming	347 347 VAC	LT Low Temp/High Humidity
RMR 10	P Photocell		
RMR PDT 10	ADC Photocell with Dimming		
CMRB 10			
CMRB PDT 10			

PRODUCT INFORMATION

Large Motion 360° Sensor: 2-Pole, Line Voltage

Electrical Specs

Load Rating/Pole

800 W @ 120 VAC

1200 W @ 277 VAC

1500 W @ 347 VAC

Motor Load 1/4 Hp

Frequency 50/60 Hz

KEY SPECS

SERIES	ENCLOSURE	DETECTION	POWER TYPE (VAC)	POLES (RELAYS)
CMR 10 2P	Ceiling mount	PIR	120/277	2
CMR PDT 10 2P	Ceiling mount	Dual technology (PDT)	120/277	2
RMR 10 2P	Recessed mount	PIR	120/277	2
RMR PDT 10 2P	Recessed mount	Dual technology (PDT)	120/277	2
CMRB 10 2P	Fixture mount box	PIR	120/277	2
CMRB PDT 10 2P	Fixture mount box	Dual technology (PDT)	120/277	2



TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

2-POLE, LINE VOLTAGE

Specifications subject to change.

Example: CMR 10 2P DZ LT

Series	Dimming/Photocell Choose One Only	Voltage	Temp/Humidity
CMR 10 2P	(blank) None	(blank) 120/277 VAC	(blank) Standard
CMR PDT 10 2P	P Photocell (inhibit only)	347 347 VAC	LT Low Temp/High Humidity
RMR 10 2P	DZ Dual Zone Photocell		
RMR PDT 10 2P			
CMRB 10 2P			
CMRB PDT 10 2P			

WIDE VIEW & HALLWAY

Sensors

Overview [Low voltage]

Low voltage wide view sensors are designed to mount in a corner and detect small motions up to 40 ft (12.19 m) away and larger motions up to 70 ft (21.34 m) away. This makes them ideal for 30 x 30 ft (9.14 x 9.14 m) classrooms or corridors up to 70 ft (12.19 m) long. Low voltage hallway units detect occupants entering a hallway up to 130 ft (39.64 m) away.

The enclosure's convenient tilting feature enables the sensor to be mounted at any height from 8 to 10 ft (2.44 to 3.05 m). When corner or wall mounting is not possible, the WV-BR ceiling bracket accessory can be used to mount the sensor to the ceiling.

These sensors can be used in combination with other low voltage sensors to cover oddly shaped rooms. For rooms with obstructions, wide view sensors are available with dual technology, which adds Microphonics™ detection to the Passive Infrared (PIR) detection.

Overview [Line voltage]

Line voltage wide view and hallway sensors are ideal for retrofit applications. Line voltage sensors are powered by and directly switch line voltage; therefore, no power packs are needed. Additionally, these sensors do not require a neutral, making wiring directly off local switches a convenient option. Together, these features make them perfect for retrofit applications, where running new wiring is difficult.

For rooms with obstructions, wide view sensors are available with dual technology, which adds Microphonics™ detection to the Passive Infrared (PIR) detection. For rooms that need independent control of two circuits, 2-pole units are available.

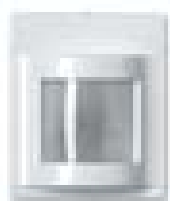
Features [Low voltage]

- 30 second to 30 minute time delay
- 100% digital PIR detection
- Push-button programmable
- Minimum On Timer (LampMaximizer™)
- Green LED indicator
- Convenient test mode

Features [Line voltage]

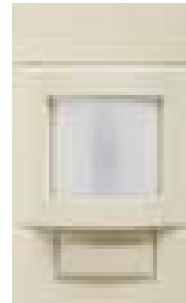
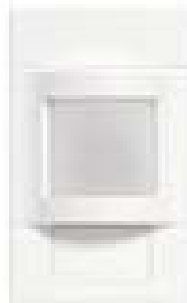
- 30-second to 30-minute time delay
- No neutral required
- Self-contained relay(s)
- No power pack(s) needed
- Interchangeable hot and load wires
- No minimum load
- Green LED indicator

ENCLOSURES



WALL/CORNER MOUNT: LOW VOLTAGE

SIZE	H: 3.00" (7.62 cm) W: 3.60" (9.94 cm) D: 1.75" (4.45 cm)
WEIGHT	4 oz
MOUNTING	Directly to corner or to ceiling using WV-BR bracket
COLOR	White



WALL/CORNER MOUNT: LINE VOLTAGE

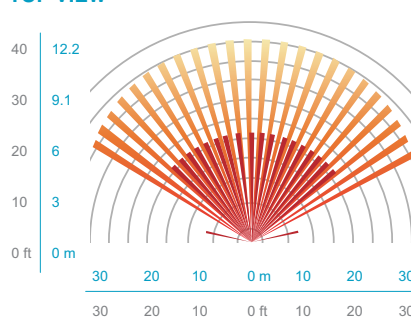
SIZE	H: 4.96" (12.60 cm) W: 3.10" (7.87 cm) D: 1.70" (4.32 cm)
WEIGHT	7 oz
MOUNTING	Single gang handy or wiremold corner box #V5719
COLOR	White Ivory

COVERAGE PATTERNS

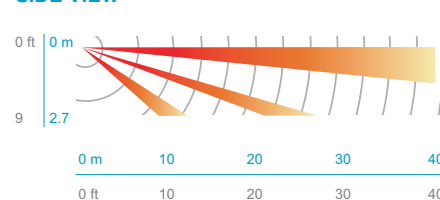
120° Wide View Lens

- Small motion (e.g. hand movements) detection up to 40 ft (12.19 m)
- Large motion (e.g. walking) detection up to 70 ft (21.34 m)
- Designed for 8 to 10 ft (2.44 to 3.05 m) high mounting in room corner

TOP VIEW



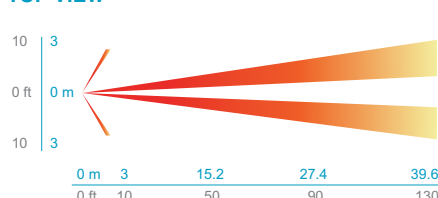
SIDE VIEW



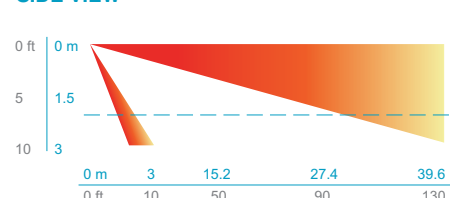
Hallway View Lens

- Provides large motion (e.g. walking) detection up to 70 ft (21.34 m) when mounted at 7 ft (2.13 m)
- Up to 130 ft (39.62 m) linear coverage when mounted at 10 ft (3.05 m)
- Recommended for use in pairs with one at either end of hallway

TOP VIEW



SIDE VIEW



PRODUCT INFORMATION

Wide View & Hallway Sensor: Low Voltage

Electrical Specs

Operating Voltage

12-24 VDC/VAC

Recommended Power Supply

PP20

Current Draw 4 mA
w/ R option 16 mA

KEY SPECS

SERIES	COVERAGE PATTERN	DETECTION	POWER TYPE [VDC/VAC]
WV 16	120° Wide view	PIR	12-24
WV PDT 16	120° Wide view	Dual Technology	12-24
HW13	Hallway	PIR	12-24

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

OPTION INFORMATION

R Low Voltage Relay

- Enables low voltage sensors to interface with other systems (e.g. BMS, lighting panels)
- Provides dry contact closure via a SPDT, 1 amp, 30 volt relay (resistive loads only)

P Photocell

- Auto set-point calibration
- On/off mode: Full on/off control of lighting during periods of occupancy with adequate daylight

- Inhibit mode: Prevents lights from turning on if adequate daylight is available, but does not turn lights off

LT Low Temp/High Humidity

- Sensor electronics are coated for corrosion resistance
- Operates down to -40° F/20° C
(-4° F/20° C for PDT)

KIT Ceiling Mount Bracket

- Includes ceiling mountable bracket, an alternative to wall mounting
- Bracket (shown on right) also sold separately (model # WV BR)



LOW VOLTAGE

Specifications subject to change.

Example: WV PDT 16 R P LT

Series	Relay	Photocell	Temp/Humidity	Bracket Kit
WV 16	(blank) None	(blank) None	(blank) Standard	(blank) Sensor only
WV PDT 16	R Low Voltage Relay	P Photocell	LT Low Temp/High Humidity	KIT Sensor and WV BR bracket
HW 13				

PRODUCT INFORMATION

Wide View & Hallway Sensor: Line Voltage

Electrical Specs

Load Rating

13 Amps @ 120-347 VAC

Motor Load

1/4 Hp

Frequency

50/60 Hz

KEY SPECS

SERIES	ENCLOSURE	DETECTION	POWER TYPE [VAC]
WVR 16	120° Wide view	PIR	120/277
WVR PDT 16	120° Wide view	Dual Technology	120/277
HWR13	Hallway	PIR	120/277

TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

OPTION INFORMATION

2P 2-pole

- Provides a second line voltage switching relay

P Inhibit Photocell

- Auto set-point calibration
- On/off mode: Full on/off control of lighting during periods of occupancy with adequate daylight

- Inhibit mode: Prevents lights from turning on if adequate daylight is available, but does not turn lights off

347 347 VAC

- Allows sensor to be powered from and switch 347 VAC

LT Low Temp/High Humidity

- Sensor is corrosion-resistant to moisture
- Operates down to -40° F/C (-4° F/20° C for PDT)

WIDE VIEW, LINE VOLTAGE

Specifications subject to change.

Example: WVR 16 2P P WH LT

Series	Poles	Photocell	Voltage	Color	Temp/Humidity
WVR 16	(blank) 1-pole	(blank) None	(blank) 120/277 VAC	WH White	(blank) Standard
WVR PDT 16	2P 2-pole	P Photocell	347 347 VAC	IV Ivory	LT Low Temp/High Humidity

HALLWAY, LINE VOLTAGE

Specifications subject to change.

Example: HWR13 347 WH LT

Series	Voltage	Color	Temp/Humidity
HWR13	(blank) 120/277 VAC 347 347 VAC	WH White IV Ivory	(blank) Standard LT Low Temp/High Humidity

LSXR FAMILY

Fixture Mount Sensor with Interchangeable Lenses



Overview

The LSXR Family of fixture mount occupancy sensors provides reliable and versatile solutions for commercial and industrial lighting control applications. All LSXR Family sensors utilize passive infrared (PIR) detection and feature interchangeable lenses, providing flexibility for multiple mounting height and coverage pattern requirements.

All LSXR Family sensors utilize 100% digital Passive Infrared (PIR) detection and power from / switch line voltage. Available options include dual relays, HVOLT powering, and an integrated switching / dimming photocell.

Features

- Four interchangeable lenses - high mount 360° (6 Lens), low mount 360° (10 lens), high mount aisleway (50 Lens) , and small motion 360° (9 Lens)
- Integrated mounting bracket drops lens down 3" from chase nipple – no bracket accessory required

- 100% digital PIR detection – provides excellent RF immunity
- Single or dual relay versions – designed with robust protection from the harsh switching requirements of T5 fluorescent and LED loads
- Powers from single or two-phase line connections
- Reversible hot & load wires – eliminates backwards wiring
- Photocell and 0-10 VDC dimming options
- Digital push-button programming – no tools or analog adjustments
- Convenient test mode
- Minimum on Timer (LampMaximizer™)

AVAILABLE LENSES

For diagrams of coverage patterns, see data sheets at www.sensorswitch.com.



High Mount
360°
#6

High Mount
Aisleway
#50

Low Mount
360°
#10

Small Motion
360°
#9

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS		
PHYSICAL	ELECTRICAL	ENVIRONMENTAL
SIZE (w/ Mounting Flange): 3.75" H x 2.50" W x 4.00" D (9.5 cm x 6.4 cm x 10.2 cm)	MAXIMUM LOAD/POLE (RELAY): 800 W @ 120 VAC 1000 W @ 208 VAC 1200 W @ 240/277 VAC 1500 W @ 347 VAC 2160 W @ 480 VAC	OPERATING TEMP: Standard: 14° to 122°F (-10° to 50°C) LT Option: -40° to 122°F (-40° to 50°C)
WEIGHT: 6 oz	MINIMUM LOAD: None	RELATIVE HUMIDITY: Standard: 20 to 75% non-condensing LT Option: 20 to 90% non-condensing (electronics coated for corrosion resistance)
MOUNTING: 1/2 knockout (7/8" hole) on fixture	MOTOR LOAD: 1/4 Hp	
MINIMUM LOAD: None	FREQUENCY: 50/60 Hz	
COLOR: White	DIMMING LOAD: Sinks < 20 mA (~ 40 LED driver/ballast @ 0.5 per)	
FREQUENCY: 50/60 Hz	0-10VDC dimmable ballasts or LED drivers only	
SILICONE FREE		
ROHS COMPLIANT		

**For options and detailed information on wiring and sequence of operation visit sensorswitch.com/LXSR

- High/Low Occupancy Operation (HL)
- Switching Photocell (P & 2P)
- Dimming & Switching Photocell (ADC)
- Combination Dimming & Switching Photocell with High/Low Occupancy Operation (ANL)
- Alternating Off Relays (2P-AO & 2P-AOP)
- Dual Zone Switching Photocell (2P-DZ)

 **UL LISTED**
TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

PRODUCT INFORMATION

SINGLE RELAY

Specifications subject to change.

Example: LSXR 610 ADC HVOLT J100

Series		Lens Option				Dimming/Photocell		Voltage			
LSXR	Passive Infrared Indoor Occupancy Sensor	<u>Single Lens</u>		<u>Multi-Lens</u>		(blank)	None	(blank)	120-277 VAC (MVOLT)		
		(blank)	No Lens	610	High & Low Mount 360°	HL	High/Low Occupancy Operation	HVOLT	347-480 VAC		
		6	High Mount 360°	650	High Mount 360° & Aisleway	P	Switching Photocell (On/Off)				
		10	Low Mount 360°	3PK	High & Low Mount 360° & Aisleway	ADC	Dimming & Switching Photocell				
		50	High Mount Aisle	4PK	All Lenses	ANL	Dimming & Switching Photocell with High/Low Occ. Operation				
		9	Small Motion 360°								
Max Dim Level*		Min Dim Level*		Lead Length*		Temp/Humidity		Default Time Delay*		Pack Qty	
(blank)	10 VDC	(blank)	Min	(blank)	8"	(blank)	None	(blank)	10 min (w/15 min minimum on time)	(blank)	Single
9H	9 VDC	1V	1 VDC	42L	42"	LT	Low Temp/ High Humidity	5M	5 min (LED only)	J100	100-Pack
8H	8 VDC	2V	2 VDC					15M	15 min		
7H	7 VDC	3V	3 VDC					20M	20 min		
		4V	4 VDC					30M	30 min		
		5V	5 VDC								
		6V	6 VDC								
		*Requires J100 pack									

PRODUCT INFORMATION

LSXR Fixture Mount Sensor: Dual Relay

DUAL RELAY

Specifications subject to change.

Example: LSXR 610 2P AO J100

Series		Lens Option				2P	Operating Mode		Voltage	
LSXR Passive Infrared Indoor Occupancy Sensor		<u>Single Lens</u>		<u>Multi-Lens</u>		2P Dual Relay	(blank)	None	(blank)	120/277 VAC
	(blank)	No Lens		610 High & Low Mount 360°			AO	Alternating Off Relays (promotes even lamp wear)	347	347 VAC
	6	High Mount 360°		650 High Mount 360° & Aisleway			AOP	Alternating Off Relays w/Photocell		
	10	Low Mount 360°		3PK High & Low Mount 360° & Aisleway			P	Photocell On/Off-both Poles (single set-point)		
	50	High Mount Aisle		4PK All Lenses			SZ	Photocell On/Off (Pole 1 only)		
	9	Small Motion 360°					DZ	Photocell On/Off-both Poles (dual set-point)		
Lead Length*		Temp/Humidity				Default Time Delay*		Pack Qty		
(blank)	8"	(blank)	None			(blank)	10 min (w/15 min minimum on time)		(blank)	Single
42L	42"	LT	Low Temp/High Humidity			5M	5 min (LED only)		J100	100-Pack
*Requires J100 pack						15M	15 min			
						20M	20 min			
						30M	30 min			
						*Requires J100 pack				

PRODUCT INFORMATION

LSXR Fixture Mount Sensor: Accessory Lenses

ACCESSORY LENSES

Specifications subject to change.

Example: LENS 6 J10

Series	Len Type		Pack Quantity	
LENS	6	High Mount 360°	(blank)	Single
	10	Low Mount 360°	J10	10-pack
	50	High Mount Aisleway	J100	100-pack
	9	Small Motion 360°		

PRODUCT INFORMATION

HIGH BAY

Fixture Mount Sensors
with Single Lens
(360°, Aisleway, or End-of-Aisle)

Overview
Designed for mounting heights of up to 45 ft (13.72 m), high bay 360° occupancy sensors have a 15-20 ft (4.57-6.10 m) radial coverage pattern that overlaps the area lit by a typical high bay fixture. Applications include warehouses and gymnasiums. High bay aisleway sensors provide bi-directional coverage extending 70-110 ft (21.33-33.53 m) when mounted at heights of 30-45 ft (9.14-13.72 m). The sensor's view pattern covers the area lit by three typically spaced high bay fixtures. Therefore, when mounted at a fixture, the coverage area extends out to the area that is lit by the neighboring fixtures. This effect is useful because some ballasts have a delay after they receive power. These aisleway sensors ensure that even when traveling in a forklift truck, lights will still come on in time. High bay end-of-aisle sensors view up to 110 linear ft (33.53 m) of aisleway space when mounted between 30-45 ft (9.14- 13.72 m). These sensors are perfect for detecting occupants walking or riding in forklift trucks and typically are used in pairs to control an entire aisle of lighting together. For aisles longer than 110 ft (33.53 m), use end-of-aisle sensors on either end and high bay aisleway or 360° sensors to cover the inner portions. Individual fixture control is best handled by line voltage sensors, while multiple fixture control is best handled by one or more low voltage sensors and a power pack. These sensors are ideal for on/off control of T5/T8 fluorescent lighting.

LSXR Series sensors are recommended for LED lighting. HID bi-level fixtures can be controlled with a low voltage sensor and a PP20 SH power pack. 2-pole high bay sensors are also available, as are units designed for switching 208 and 480 VAC lighting.

Features [All]

- 30 second to 30 minute time delay
- Push-button programmable
- Convenient test mode
- Green LED indicator

Features [Line voltage]

- Self-contained relay(s)
- No minimum load
- Interchangeable hot and load wires

ENCLOSURES



FIXTURE MOUNT BOX W/HIGH BAY 360° LENS

SIZE	3.63" (9.22cm) square, 1.5" deep (3.9 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White



FIXTURE MOUNT BOX W/ HIGH BAY AISLEWAY LENS

SIZE	3.63" (9.22cm) square, 1.5" deep (3.9 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White



FIXTURE MOUNT BOX W/ HIGH BAY END-OF-AISLE LENS

SIZE	3.63" (9.22cm) square, 1.5" deep (3.9 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White

COVERAGE PATTERN

For diagrams of coverage patterns, see data sheets at www.sensorswitch.com.

High Bay 360°

- Best choice for 15 to 45 ft (4.57 to 13.72 m) mounting heights
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Excellent detection of large motion (e.g. walking) up to a 35 ft (10.76 m) mounting height
- Excellent detection of extra large motion (e.g. forklifts) up to a 45 ft (13.72 m) mounting height

High Bay Aisleway

- Provides a bi-directional coverage pattern ideal for warehouse racking
- 1.2x mounting height equals approximate detection range in either direction
- Typical 40 ft (12.19 m) mounting detects 50 ft (15.24 m) in either direction
- Superior aisleway coverage compared to a masked 360° lens

High Bay End-of-Aisle

- Detects motion from the end of an aisle up to 110 ft (33.53 m) long
- Designed to mount 30 ft (9.14 m) high and 10 ft (3.05 m) back from end-of-aisle
- Sensors should always be applied in pairs facing each other from either end of an aisle

OPTION INFORMATION

R Low Voltage Relay

- Enables sensors to interface with other systems (e.g. BMS, lighting panels)
- Provides dry contact closure via a SPDT, 30 volt relay (resistive loads only)

ADC Occupancy Controlled Dimming

- Provides dimming output to control 0-10 VDC dimmable ballasts/driver
- Provides a second occupancy time-out period that enables the lights to go to a dim setting before turning off

- Adjustable max/min dim setting

P Photocell

- Auto Set-point calibration
- On/off mode: Full on/off control of lighting during periods of occupancy with adequate daylight
- Inhibit mode: Prevents lights from turning on if adequate daylight is available, but does not turn lights off
- 2-pole units operate in inhibit mode only

347 347 Voltage

- Allows sensor to be powered from and switch 347 VAC

LT Low Temp/High Humidity

- Sensor electronics are coated for corrosion resistance
- Operates down to -40° F/C

PRODUCT INFORMATION

High Bay Sensors: Low Voltage

Electrical Specs

Operating Voltage

12-24 VDC/VAC

Recommended Power Pack

Fluorescent

PP20

HID

PP20 SH

Current Draw

4 mA

w/ R option 16 mA

KEY SPECS

SERIES	COVERAGE PATTERN	DETECTION	POWER TYPE [VDC/VAC]
CMB 6	360°	PIR	12-24
CMB 50	Aisleway	PIR	12-24
HMB 50	End-of-Aisle	PIR	12-24

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LOW VOLTAGE

Specifications subject to change.

Example: CM 6 R P LT

Series	Relay	Dimming ¹	Photocell ²	Temp/Humidity
CMB 50	(blank) None	(blank) None	(blank) None	(blank) Standard
HMB 50	R Low voltage relay	D Occupancy controlled high/low dimming	P Photocell	LT Low Temp/High Humidity
CMB 6				

Notes

- 1 CMB 6 only.
- 2 Not available for HMB 10.

PRODUCT INFORMATION

High Bay Sensors: Line Voltage

Electrical Specs

Load Rating

800 W @ 120 VAC

1000 W @ 208 VAC

1200 W @ 240/277 VAC

1500 W @ 347 VAC

2160 W @ 480 VAC

Motor Load 1/4 Hp

Frequency 50/60 Hz

KEY SPECS

SERIES	COVERAGE PATTERN	DETECTION	POWER TYPE [VAC]
CMRB 6	360°	PIR	120/277
CMRB 6 208	360°	PIR	208/240
CMRB 6 480	360°	PIR	480
CMRB 50	Aisleway	PIR	120/277
CMRB 50 208	Aisleway	PIR	208/240
CMRB 50 480	Aisleway	PIR	480
HMRB 10	End-of-Aisle	PIR	120/277
HMRB 10 208	End-of-Aisle	PIR	208/240
HMRB 10 480	End-of-Aisle	PIR	480

TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LINE VOLTAGE

Specifications subject to change.

Example: CMRB 6 LT

Series	Photocell/Dimming (choose one only)	Voltage ³	Temp/Humidity
CMRB 6	(blank) None	(blank) 120/277 VAC	(blank) Standard
CMRB 6 208	D Occupancy controlled high/low dimming ¹	347 347 VAC	LT Low Temp/High Humidity
CMRB 6 480	P Switching photocell ²		
CMRB 50			
CMRB 50 208			
CMRB 50 480			
HMRB 10			
HMRB 10 208			
HMRB 10 480			

Notes

- 1 Only available for CMRB 6 series.
- 2 Not available on HMRB 10 XX series.
- 3 Not available with "208" or "480" series.

PRODUCT INFORMATION

High Bay Sensor: 2-Pole, Line Voltage

Electrical Specs

Load Rating/Pole

800 W @ 120 VAC

1200 W @ 277 VAC

1500 W @ 347 VAC

Motor Load 1/4 Hp

Frequency 50/60 Hz

KEY SPECS

SERIES	COVERAGE PATTERN	POWER TYPE [VAC]	POLES (RELAYS)
CMRB 6 2P	360°	120/277	2
CMRB 50 2P	Aisleway	120/277	2
HMRB 10 2P	End-of-Aisle	120/277	2

TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

2-POLE, LINE VOLTAGE

Specifications subject to change.

Example: CMRB 6 2P P LT

Series	Photocell ¹	Voltage	Temp/Humidity
CMRB 6 2P	(blank) None	(blank) 120/277 VAC	(blank) Standard
CMRB 50 2P	P Photocell	347 347 VAC	LT Low Temp/High Humidity
HMRB 10 2P			

Notes

- 1 Not available with HMRB 10 2P series.

INDOOR DAYLIGHT CONTROLS

Switching and Dimming Sensors

Overview

On/off photocell and dimming sensors provide intelligent control of lighting for indoor daylight applications. Ideal for spaces with windows, such as vestibules, corridors, classrooms or offices, the sensors work by monitoring daylight conditions in a room, then controlling the lighting to ensure that adequate lighting levels are maintained.

Low voltage sensors are powered with 12-24 VAC/VDC. On/off photocell sensors operate with a power pack (Model # PP20), enabling complete 20 Amp circuits to be controlled. Dimming photocell sensors are capable of controlling any 0-10 VDC dimmable ballast or driver. Line voltage versions are also available that integrate a line switching relay and/or power off the line.

Features

- Works as stand-alone unit or with occupancy sensors
- Auto set-point calibration
- Push-button programmable
- 100 hr. lamp burn-in timer
- Green LED indicator
- Fully digital control

ENCLOSURES



CEILING MOUNT

SIZE	4.55" dia. (11.56 cm) 1.55" deep (3.94 cm)
WEIGHT	6 oz
MOUNTING	3.5" octagon box, or single gang handy box
COLOR	White



RECESSED MOUNT

SIZE	4.40" (11.18 cm) square
WEIGHT	6 oz
MOUNTING	4" x 4" square junction box with or without two-gang mudring; directly to ceiling tile through 2.65" (6.7cm) square opening
COLOR	White



FIXTURE MOUNT

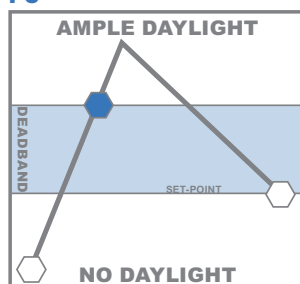
SIZE	3.63" H x 3.63" W x 1.50" D (9.22 cm x 9.22 cm x 3.81 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White

SOLUTION TYPES

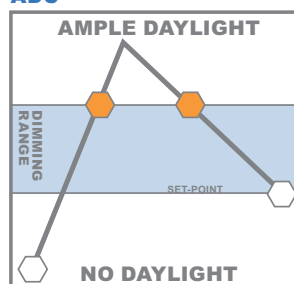
- (PC) Automatic on/off switching
- (ADC) Automatic dimming control
- (PC ADC) Combination on/off and dimming control

- LIGHTS FULL ON
- LIGHTS OFF
- ◐ LIGHTS FULL DIM

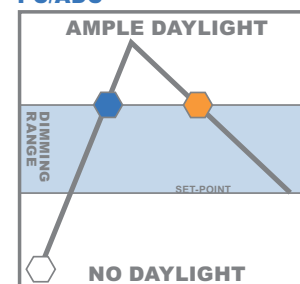
PC



ADC



PC/ADC



OPTION INFORMATION

DZ Dual Zone

- Provide second output that can control an additional zone of lighting

Stepped Dimming (Duo) Operation (PC Only)

- Ideal for A/B (also called inboard/outboard) switching applications

- Determines the necessary on/off combination of the two poles in order to maintain adequate lighting

Percentage Offset Operation

- Ideal for classrooms with individually controlled parallel rows of lights

- PC sensors use a relative set-point for the second pole that is a percentage of the first pole's set-point

- ADC sensors enable control of an additional 0-10 VDC dimmable ballast or driver at a selected level (voltage) higher than that of the primary zone

347 347 VAC

- Allows sensor to be powered from and switch 347 VAC

LT Low Temp/High Humidity

- Sensor electronics are coated for corrosion resistance
- Operates down to -40°F/C

PRODUCT INFORMATION

Indoor Daylight Controls: Low Voltage

Electrical Specs

Operating Voltage

12-24 VDC/VAC

Recommended Power Supply

PP20

Current Draw

4 mA

Dimming Load sinks up to 20 mA or
40 ballasts/drivers @ .5 mA each (0-10 VDC
dimmable ballasts/drivers only)

KEY SPECS

SERIES	ENCLOSURE	CONTROL TYPE	POWER TYPE [VDC/VAC]
CM PC	Ceiling mount	On/off	12-24
RM PC	Recessed mount	On/off	12-24
CMB PC	Fixture mount box	On/off	12-24
CM ADC	Ceiling mount	Dimming	12-24
RM ADC	Recessed mount	Dimming	12-24
CMB ADC	Fixture mount box	Dimming	12-24
CM PC ADC	Ceiling mount	On/off & dimming	12-24
RM PC ADC	Recessed mount	On/off & dimming	12-24
CMB PC ADC	Fixture mount box	On/off & dimming	12-24

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

ON/OFF SWITCHING

Example: CM PC DZ LT

Series	Dual Zone	Temp/Humidity
CM PC	(blank) Single Zone	(blank) Standard
RM PC	DZ Dual Zone	LT Low Temp/High Humidity
CMB PC		

DIMMING CONTROL

Example: CM ADC DZ LT

Series	Dual Zone	Temp/Humidity
CM ADC	(blank) Single Zone	(blank) Standard
RM ADC	DZ Dual Zone	LT Low Temp/High Humidity
CMB ADC		

ON/OFF & DIMMING

Example: CM PC ADC DZ LT

Series	Dual Zone	Temp/Humidity
CM PC ADC	(blank) Single Zone	(blank) Standard
RM PC ADC	DZ Dual Zone	LT Low Temp/High Humidity
CMB PC ADC		

PRODUCT INFORMATION

Indoor Daylight Controls: Line Voltage

Electrical Specs

Load Rating (1 Phase Only)

800 W @ 120 VAC
1200 W @ 277 VAC
1500 W @ 347 VAC

Motor Load 1/4 Hp

Dimming Load sinks up to 20 mA
or 40 ballast/drivers @ .5 mA each
(0-10 VDC dimmable ballast/drivers only)

KEY SPECS

SERIES	ENCLOSURE	CONTROL TYPE	POWER TYPE [VAC]
CMR PC	Ceiling mount	On/off	120/277
RMR PC	Recessed mount	On/off	120/277
CMRB PC	Fixture mount box	On/off	120/277
CMR ADC	Ceiling mount	Dimming	120/277
RMR ADC	Recessed mount	Dimming	120/277
CMRB ADC	Fixture mount box	Dimming	120/277
CMR PC ADC	Ceiling mount	On/off & dimming	120/277
RMR PC ADC	Recessed mount	On/off & dimming	120/277
CMRB PC ADC	Fixture mount box	On/off & dimming	120/277



TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

ON/OFF SWITCHING

Example: CMR PC DZ LT

Series	Dual Zone	Voltage ¹	Temp/Humidity
CMR PC	(blank) None	(blank) 120/277 VAC	(blank) Standard
RMR PC	DZ Dual zone	208 208/240 VAC	LT Low Temp/High Humidity
CMRB PC		347 347 VAC	
		480 480 VAC	

DIMMING CONTROL

Example: RMR ADC 347

Series	Voltage	Temp/Humidity
CMR ADC	(blank) 120/277 VAC	(blank) Standard
RMR ADC	347 347 VAC	LT Low Temp/High Humidity
CMRB ADC		

ON/OFF & DIMMING

Example: CMR PC ADC LT

Series	Dual Zone	Temp/Humidity
CMR PC ADC	(blank) None	(blank) Standard
RMR PC ADC	347 347 VAC	LT Low Temp/High Humidity
CMRB PC ADC		

Notes

¹ 480 and 208 option not available w/dual zone (DZ).

OUTDOOR

Pole/Fixture Mount Motion Sensors

Overview

The SBOR xx ODP and SBO xx ODP Series sensors provide both motion and daylight based control of a 0-10 VDC dimmable outdoor or wet location luminaire. Designed to mount directly through a 1/2" knockout (7/8" hole) in a light fixture or pole, the SBOR xx ODP can both directly switch and dim its connected lighting load. The low voltage SBO xx ODP version requires a power pack to switch. Both versions are tuned for walking size motion while preventing false tripping from the environment. All units also have an integrated photocell that switches lights off during daytime periods when there is sufficient daylight.

For non-dimming outdoor motion sensor applications the SBOR xx OEX and SBO xx OEX Series sensors are recommended.

Features (All)

- 100% digital PIR detection - excellent RF immunity
- Self-contained relay for switching
- Gasketed for outdoor operation

- Enables fixture or pole mounting
- Interchangeable hot & load wires - impossible to wire in reverse
- Adjustable time delays
- Programming button accessible w/o opening sensor or removing gaskets

Features (-ODP versions only)

- Photocell controls relay (on/off)
- Motion sensor controls dimming output (0-10 VDC)
- Compatible w/ 0-10 VDC dimmable ballasts and LED drivers
- Adjustable max/min dim levels and ramp rates

ENCLOSURES



FIXTURE/POLE MOUNT

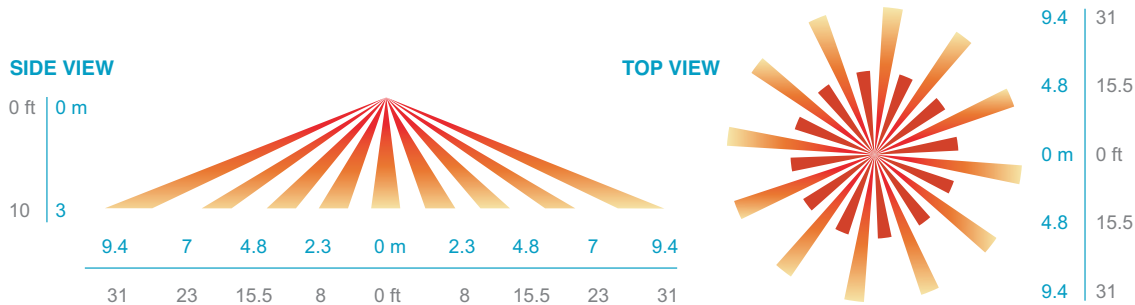
SIZE	H: 3.35" (8.51 cm)
	W: 4.40" (11.18 cm)
	D: 4.00" (10.16 cm)
WEIGHT	9 oz
MOUNTING	1/2" knockout (7/8" hole)
COLOR	White, Black, or Dark Bronze

APPLICATION/COVERAGE

PARKING GARAGE/ LOW MOUNT APPLICATIONS

In general, the SBOR 10 xxx is recommended for 8-15 ft mounting and provides a coverage area radius for walking motion of greater than 2x the mounting height. The SBOR 10 xxx is ideal for parking garage and low pole mount applications.

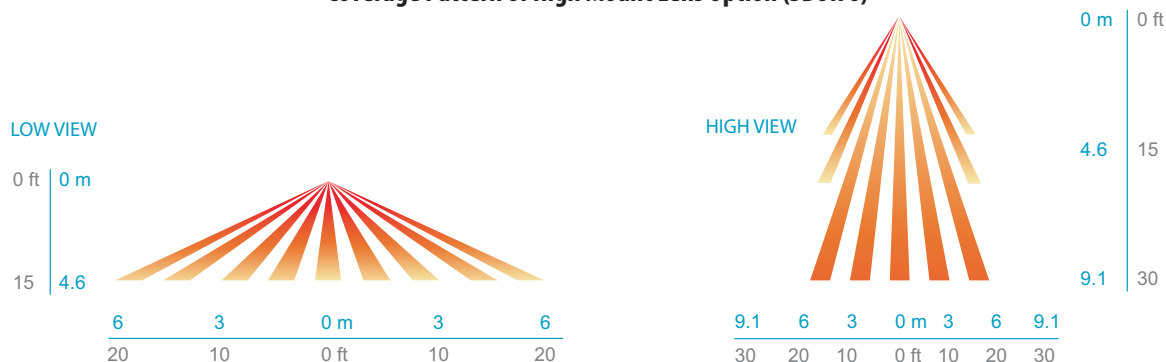
Coverage Pattern of Low Mount Lens Option (SBOR 10)



SITE & AREA LIGHTING / HIGH MOUNT APPLICATIONS

The SBOR 6 xxx is intended for higher pole mount applications, between 15-30 ft, and provides a coverage area radius for walking motion of 15-20 ft. When mounted to a pole the sensor provides 270° of coverage (90° is blocked by the pole). Mounting between 30-40 ft may reduce coverage radius.

Coverage Pattern of High Mount Lens Option (SBOR 6)



PRODUCT INFORMATION

Outdoor Motion Sensors: Line Voltage

SPECIFICATIONS	
ELECTRICAL	ENVIRONMENTAL
MAXIMUM SWITCHING LOAD: 800 W @ 120 VAC 1000 W @ 208 VAC 1200 W @ 240 VAC 1200 W @ 277 VAC 1500 W @ 347 VAC 2160 W @ 480 VAC MINIMUM LOAD: None MOTOR LOAD: 1/4 HP FREQUENCY: 50/60 Hz DIMMING LOAD: Sinks < 20mA (0-10 VDC LED Drivers / Ballasts)	OPERATING TEMP: -40° to 160° F (-40° to 71° C) IP66 RATED SILICONE FREE ROHS COMPLIANT



TITLE 20/24
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LINE VOLTAGE

Specifications subject to change.

Example: SBOR 10 ODP BK 3V

Series	Lens/Mounting Height		Dimming/Photocell		Voltage	Color		Min Dim Level ¹	
SBOR	10	Low Mount (8-15 ft)	OEX	None	(blank) 120/277 VAC (MVOLT)	WH	White	0V	OFF
	6	High Mount (15-30 ft)	OEX D	Motion Controlled High/Low Dimming	HVOLT 347-480 VAC	BK	Black	1V	1VDC
			OEX P	Photocell (On/Off)		BZ	Dark Bronze	2V	2VDC
			ODP	Combination Motion Controlled Dimming and Photocell				3V	3VDC
								4V	4VDC
								5V	5VDC

Notes

1 Required for D or ODP options.

PRODUCT INFORMATION

Outdoor Motion Sensors: Low Voltage

SPECIFICATIONS	
ELECTRICAL	ENVIRONMENTAL
OPERATING VOLTAGE: 12-24 VAC/VDC CURRENT DRAW: 4 mA RECOMMENDED POWER PACK: PP20 / MP20 / MP5 480 DIMMING LOAD: Sinks < 20mA (0-10 VDC LED Drivers / Ballasts)	OPERATING TEMP: -40° to 160° F (-40° to 71° C) IP66 RATED SILICONE FREE ROHS COMPLIANT

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

LOW VOLTAGE

Specifications subject to change.

Example: SBO 10 ODP BK 3V

Series	Lens/Mounting Height		Dimming/Photocell		Color		Min Dim Level ¹	
SBO	10	Low Mount (8-15 ft)	OEX	None	WH	White	0V	OFF
	6	High Mount (15-30 ft)	OEX D	Motion Controlled High/Low Dimming	BK	Black	1V	1VDC
			OEX P	Photocell (On/Off)	BZ	Dark Bronze	2V	2VDC
			ODP	Combination Motion Controlled Dimming and Photocell			3V	3VDC
							4V	4VDC
							5V	5VDC

Notes

1 Required for D or ODP options.

POWER PACKS

& Secondary Packs

Overview
Power packs are the heart of the low voltage sensor system. A power pack may transform Class I high voltage (120-277 VAC or 347 VAC) to Class II 15 VDC for powering remote sensors. A power pack also switches the lighting load on and off using its internal relay. Class II wire leads connect to 18 AWG or smaller low voltage cable running to the sensors, making installation easy and clean. Power packs also have an elongated mounting nipple that allows them to be mounted either directly through a ½ inch knockout into a junction box, or inside an adjacent box for meeting specific local code requirements in ceiling plenums.

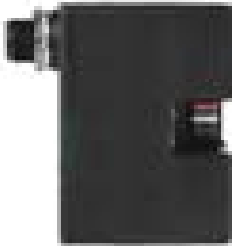
There are several different types of power packs, each with a unique combination of features. The most versatile power pack is the **PP20**, which utilizes a patented relay contact protection and can power up to 14 sensors. Multi-circuit control can be handled by multiple **PP20**s, 2-pole power packs (**PP20 2P**), or combination power pack and secondary pack (**SP20**) configurations.

ENCLOSURES



SINGLE POLE UNITS
SIZE H: 3.00" (7.62 cm)
W: 2.25" (5.72 cm)
D: 1.88" (4.78 cm)
WEIGHT 6 oz
MOUNTING .5" knockout
COLOR Black

Plenum Rated



2-POLE UNITS
SIZE H: 4.13" (10.49 cm)
W: 3.00" (7.62 cm)
D: 1.88" (4.78 cm)
WEIGHT 6 oz
MOUNTING .5" knockout
COLOR Black

Plenum Rated

POWERING CAPACITY

A power pack's transformer can supply up to 150 mA of power @15 VDC. Each relay requires 40 mA during the On state. Low voltage remote sensors typically require 3 mA when detecting occupants, and 0.15 mA when in standby. Therefore, each transformer can handle up to 3 relays (including the relay(s) inside the power pack). For example, one **PP20** can power its relay (40 mA) and 110 mA of external devices. Because of the ultra low current design of the sensors, up to 14 or more sensors can be connected to a single power pack. If multiple power packs are used together, an additional 110 mA is available.

POWER SPECS		
SERIES	SENSORS	SENSORS w/ R OPTION
[1] PP20 (or MP20)	14	8
[1] PP20 2P	7	6
[1] PP20 w/SP20 (or MP20 w/ MSP20)	7	6
[1] PP20 2P w/ SP20	5	5

Note: Table information reflects usage with 120/277 or 347 VAC power.

Note 1: The "R" option for sensors adds an isolated low voltage auxiliary relay. Only one sensor with this option is typically needed per room.

SECONDARY PACK vs POWER PACK

A secondary pack (also called an auxiliary relay) contains the same switching relay as a normal power pack, though it does not contain the transformer. Secondary packs can be used in applications where power is supplied from another power pack. Secondary packs are available with (**SP20** version) and without (**MSP20** version) relay contact protection.

A power supply contains the same transformer as a power pack, though it does not contain a relay. Power supplies are ideal for supplying power to devices, such as the **CM ADC**, which does not need to switch line voltage.

OPTION INFORMATION

- 347 347 VAC**
- Allows power pack to be powered from and/or switch 347 VAC
- LT Low Temp/High Humidity**
- Power Pack electronics are coated for corrosion resistance
 - Operates down to -40°F/C

PRODUCT INFORMATION

KEY SPECS					
SERIES	RELAY CONTACT PROTECTION	TRANSFORMER	# OF POLES (RELAYS)	SWITCHING LOAD	RELAY TYPE
PP20	Yes	Yes	1	20A / 1 HP	Electrically Held
PP20 2P	Yes	Yes	2	20A / 1 HP	Electrically Held
SP20	Yes	No	1	20A / 1 HP	Electrically Held
PP 2PAR	Yes	Yes	2	20A / 1 HP	Alternating Electrically Held
MP20	No	Yes	1	20A / 1 HP	Electrically Held
MSP20	No	No	1	20A / 1 HP	Electrically Held
PP20 SH	Yes	Yes	1	20A / 1 HP	Electrically Held
PP20 2PM	Yes	Yes	2	20A / 1 HP	Momentary
MP5 480	No	Yes	2	5A / 0.25HP	Electrically Held
PS150	-	Yes	-	-	N/A



ORDERING INFORMATION

Specifications subject to change.

Example: PP20 347 LT

Series	Voltage ¹		Temp/Humidity	
PP20	(blank)	120/277 VAC	(blank)	Standard
PP20 2P	347	347 VAC	LT	Low Temp/High Humidity
SP20				
MP20				
MSP20				
PS150				
PP20 SH				
PP20 2PM				
PP 2PAR				
MP5 480				

Notes
1 347 option only available on PP20, SP20, MP20, and PS150.

DATA LOGGER

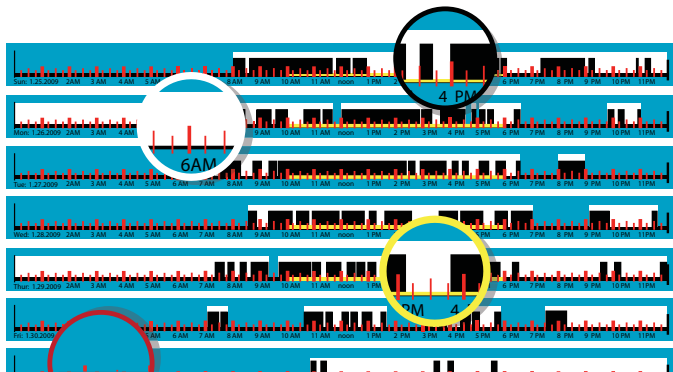
Monitoring System

The Data Logger Monitoring System models facility lighting and occupancy patterns. Primarily used to quantify potential energy savings from occupancy sensor projects, this powerful tool is essential for performance contractors, lighting retrofitters, and facility managers when calculating Return on Investment (ROI) and payback estimates.



SYSTEM HIGHLIGHTS

- Data Logger units record activity of a building's lighting, as well as its occupants
- Data Logger software analyzes information and generates customized reports
- Customized reports quantify potential energy savings from occupancy
- Data is presented in "Lights On vs. Occupancy" timeline
- Customized reports quantify potential energy savings from occupancy sensor projects
- Use of system is provided to qualified customers at no charge

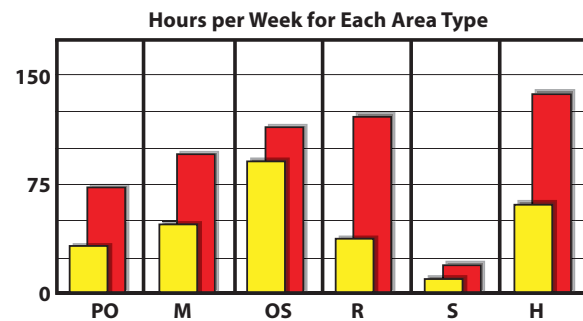


- Red lines represent time intervals
- Yellow lines represent peak billing hours
- White bars represent when the lights are on
- Black bars represent occupancy in the room

DEVICE FEATURES

While light monitors have been around for years, the Sensor Switch Data Logger surpasses all predecessors with several new easy-to-use features that assure more useful results.

- Combination occupancy sensor & light monitoring device
- Distinguishes between natural and artificial light sources
- Multiple loggers can be used together to monitor large spaces
- Installs in seconds; push-button operation
- Data points are recorded every two minutes



ENERGY SAVINGS ANALYSIS

The Data Logger's information is downloaded into sophisticated software that analyzes the data and generates customized reports.

- Each Data Logger is assigned an **Area Type**
- Software averages information from Data Loggers of similar **Area Types**
- "Lights On vs. Occupancy" activity per area presented in 24 hour timelines
- Total energy usage calculated from user-entered lighting loads
- User-adjustable "virtual" occupancy sensor time delay settings
- Analysis of "**Savings vs. Time Delay Setting**" on sensors

DATA LOGGER

Monitoring System

CUSTOMIZED REPORTS

- Savings calculated using up to **4 Time-of-Day Billing Rates**
- Total potential savings summaries presented in easy-to-read charts & graphs

Private Office	PO	2	320	26.88	20.87	0.00	0.00	47.76	22.76	3.61	0.00	0.00	26.37	44.79%
Meeting Room	M	3	1387	33.75	59.12	0.00	0.00	92.88	21.95	22.14	0.00	0.00	44.09	52.53%
Open Space	OS	2	10600	39.99	70.45	0.00	0.00	110.44	39.96	45.12	0.00	0.00	85.08	22.96%
Restroom	R	3	213	30.62	87.56	0.00	0.00	118.18	20.90	17.65	0.00	0.00	38.55	67.38%
Storage	S	2	240	5.33	15.52	0.00	0.00	20.85	0.78	7.27	0.00	0.00	8.04	61.44%
Hallway	H	2	880	39.62	98.08	0.00	0.00	137.70	26.32	27.66	0.00	0.00	53.98	60.80%
Building Average			28880	37.99	68.87		0.00	106.86	35.08	38.59		0.00	73.67	31.06%

SETTING NEW STANDARDS IN MONITORING

Much like our occupancy sensors, Sensor Switch's Data Logger Monitoring System utilizes innovative technology, surpassing all similar systems available. Its features are both unique and necessary to perform thorough ROI and payback analysis. Data Loggers units can be leased on a per project basis at no charge, or purchased by qualified customers. Subscription access to the Data Logger Software Analysis Suite is also available to customers in good standing and at no charge. To request or purchase Data Loggers, contact your local Sensor Switch (Acuity Brands) sales representative or email: datalogger@sensorswitch.com.

ORDERING INFORMATION

Specifications subject to change.

Example: LQDM 6 KIT

Model#

LQDM 6 KIT

Kit containing: 45 data logger devices, 1 hard sided carrying case, 3M double sided tape strips, field monitoring forms, DL6 Software Guide and Installation Guidelines

NETWORK LIGHTING CONTROL SYSTEM



WHAT IS nLIGHT?

nLight is a networked digital lighting control system that provides both energy savings & increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based, & manual lighting control schemes. Ideal for office buildings, schools, hospitals, universities and warehouses; **nLight** systems meet or exceed energy savings performance mandated by energy codes while enhancing the building environment for occupants.

HOW nLIGHT WORKS?

nLight networks together intelligent digital devices, including occupancy sensors, photocells, power/relay packs, wall switches, dimmers, panels, and even luminaires. Combined, this creates a system with “distributed intelligence” that can be configured in limitless ways to meet lighting needs and codes.

BENEFITS OF nLIGHT

- Lower Equipment & Installation Cost
- Deeper Device Control
- Saves Energy
- Increases Occupant Convenience
- Easy to Upgrade
- Plug-N-Play

FEATURES OF nLIGHT

Flexible Architecture

- Functions in stand-alone rooms or networked together across an entire building or campus
- Communicates over standard CAT-5e cable or optional WiFi

Addressable

- All devices are digitally addressable
- Enables fixture level control and/or group control

Advanced Energy Savings

- SensorView software application monitors network performance and reports energy savings
- Ideal for performance validation of LEED requirements

SYSTEM ARCHITECTURE

nLIGHT DEVICE

A native **nLight** device is individually addressable and has the ability to digitally communicate over an **nLight** network. Device types include occupancy sensors, photocells, power/relay packs, wall switches, dimmers, panels, and specialty i/o devices.



nLIGHT ENABLED LUMINAIRE

Many luminaires are available "nLight Enabled," meaning they have a factory installed **nLight** device that communicates for the fixture. Look for the **nLight Enabled** logo on luminaire data sheets.



nLIGHT CONTROL ZONE

An **nLight** Control Zone is a collection of **nLight** devices and **nLight Enabled** luminaires that function together in order to control a space's lighting. It is recommended that there be one control zone per room, however large areas (such as open offices) may require two or more zones. Zones can also be subdivided via programming to cover several small rooms. Once wired, a zone will self-commission and begin to function as a standalone system.



nLIGHT BACKBONE

The communication network that interconnects zones in an **nLight** network is called the backbone. A backbone is required in order to deploy remote or time-based commands, (such as a scheduled override), out to a device, groups of devices, or zone(s). Additionally, advanced features, such as performance monitoring and interfacing with higher level BMS systems, require the end-to-end network connectivity that the backbone provides. A backbone is typically made up of **nLight** Bridge and Gateway devices wired together with CAT-5e cabling, although utilization of a WiFi network is an optional method of providing a backbone.



nLIGHT SENSORVIEW SOFTWARE



UNPARALLELED CONTROL

The power of any **nLight** network is multiplied tenfold by SensorView software. This intuitive and easy-to-use, web-based suite of applications gives authorized users the ability to remotely configure and monitor every **nLight** system device. It also provides a simple and quick setup tool for creating custom configuration scenes that can either be scheduled or run on demand.

While SensorView is a powerful tool for communicating with an **nLight** network, it is not required since it is not critical to the daily operation of the network.

SensorView is installed on a single host computer that resides on the same Ethernet LAN (or WAN) as one or more **nLight** Gateway devices. SensorView can also be configured to communicate directly with a single zone of devices.

The SensorView software package is provided at no additional charge.

SENSORVIEW GIVES YOU THE ABILITY TO:

- View device properties
- Customize all device names
- Configure all device default settings
- Edit device current settings
- Observe real-time device operational status
- Update device firmware
- Group network devices
- Create lighting scenes that outline device operation
- Schedule lighting scenes to run at prescribed times with optional recurrences
- Manage user access of **nLight** Gateways and the SensorView program
- Print reports on the network inventory and scenes
- Remote technical support via the internet

SENSORVIEW PLUG-INS

In addition to SensorView's standard features, several plug-ins can be added to SensorView in order to expand its functionality even further.

BACnet

The BACnet software plug-in enables SensorView to act as a BACnet IP "gateway" between an **nLight** network and a BMS system.



VIRTUAL WALLPODS

With this plug-in, users can control their lighting from their desktop or smart handheld device. Designed to look like WallPods®, these taskbar applications are an excellent alternative to remote controls, which are often lost and require battery replacement. Simple user permissions provide facility managers necessary administrative control.



GREEN SCREEN

This SensorView module logs and analyzes systems and building performance. A "Savings Scorecard" calculates energy savings in kWh or dollars.

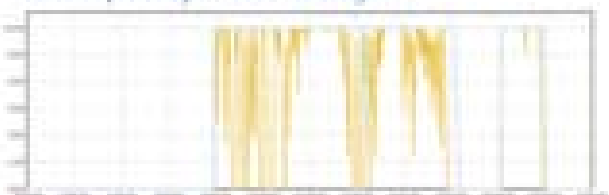
Detailed graphs show performance over user selected time scales. This data can be used to monitor space and lighting usage, optimize time delays, and better utilize available daylight.

Data is also provided to the user in downloadable reports.

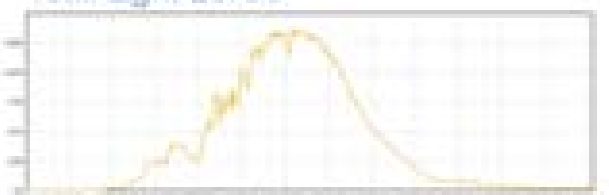
Relay State



Occupancy Time Delays



Total Light Levels



GATEWAY



Overview

The nLight Gateway (nGWY2) provides time-based control of an nLight network as well as acts as the Ethernet interface for SensorView software. Consisting of a control unit and touch screen wall station, the nGWY2 enables enhanced nLight architectures to be utilized.

Control Functionality

All lighting control profiles created in the SensorView software are stored within the Gateway. Utilizing its onboard time clock, the Gateway sends out the settings specified in the profiles to the appropriate downstream devices according to the user defined schedule. Lighting control profiles can also be selected and run on-demand via the Gateway's touch screen.

Network Access Functionality

In the nLight network architecture, the Gateway is part of the wired backbone (along with Bridges) that interconnects all lighting zones. Through the Gateway, information running over this backbone is linked to the Ethernet network where the SensorView host server resides. The Gateway connects into the backbone using a CAT-5e wired connection to a Bridge or via TCP/IP with wireless nWIFI devices (consult factory).

Features

- Maintains network database of nLight devices (max 1500 or 400 depending on version)
- Provides system time clock
- Stores time-based profiles
- Interfaces with SensorView software
- Remotely upgradeable
- Touch screen control user interface

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS			
CONTROL UNIT	PHYSICAL / ELECTRICAL		ENVIRONMENTAL
	TOUCH SCREEN	POWER SUPPLY	
SIZE: 4.90" H x 4.90" W x 1.05" D (12.45 cm x 12.54 cm x 2.67 cm)	SIZE: 5.06" H x 3.50" W x 0.69" D (12.85 cm x 8.89 cm x 1.75 cm)	SIZE: (not including ½" chase nipple) 3.00" H x 2.25" W x 1.88" D (7.62 cm x 5.72 cm x 4.78 cm)	OPERATING TEMP: 14° to 160°F (-10° to 71°C)
MOUNTING: 4" x 4" square box	MOUNTING: Single-Gang Low Voltage Switch Box or Ring	MOUNTING: 1/2" knockout	RELATIVE HUMIDITY: 20 to 90% non-condensing
PORTS: 2 nLight bus ports (RJ-45)	MOUNTING HEIGHT (recommended): 60 in (152 cm)	OPERATING VOLTAGE:	ROHS COMPLIANT
1 touch screen interface port (RJ-45)	PORTS: 2 nLight bus ports (RJ-45)	PS 250: 120-277 VAC	SILICONE FREE
1 10/100/1000BaseT Ethernet	INPUT CURRENT/VOLTAGE: 60 mA @ 15-28 VDC	PS 150 347: 347 VAC	ASSEMBLED IN U.S.A.
2 power terminal inputs	WIRES: None	OPERATING POWER:	5-YEAR WARRANTY
INPUT CURRENT/VOLTAGE: 160 mA @ 15-28 VDC		166 mA@ 24VDC (PS 250)	
WIRES: None		250mA@ 15VDC (PS250) (note 150mA@15 VDC for dual PS150 347 configuration)	
		WIRES: 18 AWG (2) & 20 AWG (2)	

ORDERING INFORMATION

Specifications subject to change.

Example: nGWY2 L400 KIT

Model Number

nGWY2 KIT	Gateway kit (120/277 VAC) - max 1500 devices
nGWY2 347 KIT	Gateway kit (347 VAC) - max 1500 devices
nGWY2 L400 KIT	Gateway kit (120/277 VAC) - max 400 devices
nGWY2 L400 347 KIT	Gateway kit (347 VAC) - max 400 devices
Kit Component Model #s	
nGWY2 CTRL	Control unit - max 1500 devices
nGWY2 CTRL L400	Control unit - max 400 devices
nGWY2 GFX	Gateway touch screen
PS 250 (or two PS 150 347)	Power supply 120/277 VAC (or 347 VAC)

Overview

The nLight Bridge conveniently connects lighting control zones to an nLight network backbone. Bridges act as hubs by aggregating communication traffic from these connected zones and placing it onto the backbone. They also act as routers by forwarding information from the backbone out to the applicable zones.

Physically, an nLight Bridge has eight RJ-45 ports through which connections are made to any combination of downstream zones, other Bridges, or an upstream Gateway. The Bridge is low voltage, plenum rated, and directly mounts to a 4" x 4" junction box.

Finally, Bridges can provide either primary or backup low voltage power to lighting control zones. Besides sourcing power from its own power supply, Bridges are capable of redistributing system power from zones that are net contributors of power (e.g., those with downstream power

packs) to zones that are net consumers of power (e.g., those with only sensors). This patent pending powering method provides nLight added design flexibility and fault tolerance when compared with other systems.

Features

- 8 Universal RJ-45 ports
- Green LED status indicator for each port
- Remotely upgradeable
- Plenum rated
- Redistributes network power

BRIDGE

**ADDITIONAL INFORMATION**

For additional product information, visit www.sensorswitch.com.



PLENUM RATED
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

PHYSICAL		ELECTRICAL	ENVIRONMENTAL
SIZE: 4.90" H x 4.90" W x 1.05" D (12.45 cm x 12.54 cm x 2.67 cm)		INPUT VOLTAGE: 12-24 VAC/VDC	OPERATING TEMP: 14° to 160°F (-10° to 71°C)
WEIGHT: 7 oz		CURRENT DRAW: 60 mA	RELATIVE HUMIDITY: 20 to 90% non-condensing
MOUNTING: 4" x 4" square box		BUS POWER CONTRIBUTION: ~90 mA total (if powered via PS-150)	ROHS COMPLIANT
COLOR: White		MAX INPUT CURRENT/PORT: 40 mA (e.g. from a connected nPP16)	SILICONE FREE
nLIGHT NETWORK PORTS: 8 RJ-45		MAX OUTPUT CURRENT/PORT: 40 mA	
		WIRES: None	
		RECOMMENDED POWER SUPPLY: PS 150 via terminal connections (or PS 150 347)	

OPTION INFORMATION**347 VAC (347)**

- Includes a 347 VAC power supply as part of KIT option (standard is 120/277VAC)

Low Temp/High Humidity (LT)

- Device is corrosion resistant
- Operates down to -40° F/C

Power Supply Kit (KIT)

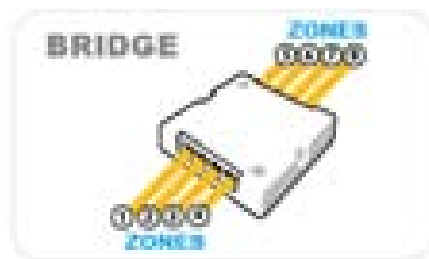
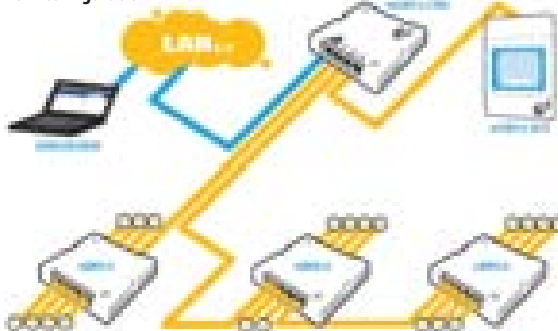
- Unit comes with power supply
- 120/277 VAC or 347 VAC (if specified)
- Provides 150mA (~60 mA for powering unit and ~90 mA for contribution to downstream bus power)

ORDERING INFORMATION

Specifications subject to change.

Example: nBRG 8 KIT

Series	Voltage ¹	Temp/Humidity	Power Supply Kit
nBRG 8	(blank) 120/277 VAC	(blank) Standard	(blank) Unit Only
	347 347 VAC	LT Low Temp/High Humidity	KIT Kit w/ Power Supply

**Network Configuration**

An nLight network backbone consists of one or more Bridges and a Gateway communicating over CAT-5e wired connections. The architecture can be topology-free, however wide branching networks are recommended over linear runs. Any one or more RJ-45 ports on a Bridge may be used to connect to other Bridge or Gateway devices.

Notes

- ¹ Requires KIT option.

PRODUCT INFORMATION

RELAY PACKS



Overview
Power packs are the workhorse of any nLight system, as they both switch lighting loads and provide bus power to other nLight devices. Secondary relay packs provide additional relays, phase dimming, or specialty switching functionality, however do not power off the line voltage they switch. Conversely, power supplies provide network power like a power pack; however do not contain relays or dimming outputs to control lighting.

- Features**
- Native nLight device
 - Latching relay switches line voltage load
 - Designed for harsh switching requirements of T5 fluorescent and LED lighting loads
 - Optional UL 924 operation
 - Optional current monitoring

ADDITIONAL INFORMATION For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS	
PHYSICAL	ELECTRICAL
Size: H: 3.38" (8.59 cm) W: 2.53" (6.43 cm) D: 1.83" (4.65 cm) Weight: 6 oz Mounting: ½" knockout Plenum Rated	Operating Voltage: 120/277 VAC or 347 VAC Relay Type: Latching Relay Load: 16 Amps (Ballast); 16 Amps (General purpose receptacles) Dimming Load: Sinks <100mA



STANDARD POWER/RELAY PACK Specifications subject to change.

Example: nPP16 IM LT

Series	Dimming	Current Monitoring ¹	Default Mode	Voltage	Temp/Humidity
nPP16	(blank) None D 0-10 VDC	(blank) None IM Current Monitoring	(blank) Auto on, Switch Ch. 1 SA Manual On, Switch Ch. 1	(blank) 120/277 VAC 347 347 VAC	(blank) Standard LT Low Temp/High Humidity

EMERGENCY PACKS Specifications subject to change.

Example: nPP16 D ER

Series	Dimming	Operating Mode	Current Monitoring ¹	Voltage	Temp/Humidity
nPP16	(blank) None D 0-10 VDC	ER UL 924	(blank) None IM Current Monitoring	(blank) 120/277 VAC 347 347 VAC	(blank) Standard LT Low Temp/High Humidity



UL 924 Emergency Relay Pack (nPP16 ER)

Notes
1 Not available on device with dimming option.

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS	
PHYSICAL	ELECTRICAL
Size H: 3.38" (8.59 cm) W: 2.53" (6.43 cm) D: 1.83" (4.65 cm) Weight: 6 oz Mounting: ½" knockout Plenum Rated	See series data sheets

 **US LISTED**
TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY



SECONDARY RELAY PACK

Specifications subject to change.

Example: nSP16 LT

Series	Default mode	Temp/Humidity
nSP16 16A Secondary pack	(blank) Auto on, Switch Ch. 1 SA2 Manual On, Switch Ch. 2	(blank) Standard LT Low Temp/High Humidity

PHASE DIMMER PACKS

Specifications subject to change.

Example: nSP5 PCD 2W

Series	Dimming	Frequency	Temp/Humidity
nSP5 PCD Phase dimmer pack	2W 2-wire 3W 3-wire MLV Magnetic low voltage ELV 120 Electronic low voltage (120V)	(blank) 60 HZ 50HZ 50 HZ	(blank) Standard LT Low Temp/High Humidity

PRODUCT INFORMATION

SPECIFICATIONS	
PHYSICAL	ELECTRICAL
Size: H: 3.38" (8.59 cm) W: 2.53" (6.43 cm) D: 1.83" (4.65 cm) Weight: 6 oz Mounting: ½" knockout Plenum Rated	Relay Load: 1A @ 40 VAC/VDC

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY



AUXILIARY RELAY PACKS

Specifications subject to change.

Example: : nAR40 LT

Series	Temp/Humidity
nAR40 Low Voltage Aux. Relay Packs	(blank) Standard LT Low Temp/High Humidity

PRODUCT INFORMATION

RELAY PANELS



Overview

The nLIGHT nPANEL is targeted at rooms that require multiple relays to be collocated in a more traditional cabinet enclosure. The nPANEL 4 version has four relays and can switch up to four 120/277/347 VAC loads, while the nPANEL 2 480 version has two dual phase relays and can switch two 208/240/480 VAC loads. Further, as a standard feature, each nPANEL pairs a 0-10 VDC dimming output with each relay.

The nPANEL can also be used to control emergency lighting by detecting when line voltage has been lost to the unit's transformer. When loss is detected, the nPANEL's relays will close and dimming outputs will release to full bright. If switching both primary and emergency circuits within the same cabinet is required, versions with pre-installed emergency barriers are available.

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS

ELECTRICAL		PHYSICAL
OPERATING VOLTAGE: 120/277 VAC RELAY TYPE: Normally Closed Latching RELAY LOAD: nPANEL 4 30A @ 277 VAC Ballast 20A @ 120 VAC Tungsten 20A @ 347 VAC Ballast 1.5HP @ 120 VAC Motor Load 3HP @ 277 VAC Motor Load	nPANEL 2 480 20A @ 480 VAC Ballast 1HP @ 208/240 VAC Motor Load 2 HP @ 480 VAC Motor Load SCCR: 18kA @ 277VAC 5000A @ 480 VAC (implied) OPERATIONS: Rated for 250,000 Cycles @ 30A DIMMING LOAD: Sinks < 20 mA / output; ~40 Ballasts/Drivers @ .5 mA each AUXILIARY POWER OUTPUT (nPANEL 4 ONLY): 200mA @ 28 VDC	SIZE: 8.375"W x 8.375 H x 3.125" D (21.27 cm x 21.27 cm x 7.94 com) WEIGHT: 6.0 lbs ENCLOSURE TYPE: NEMA 1 MOUNTING: Surface Mount, Screw Over Door COLOR: White RELAY TERMINAL SIZE: 2 # 8 AWG Wires Per Lug

KEY SPECS

SERIES	# OF RELAYS	# OF DIMMING OUTPUTS (0-10V DV)	LOAD VOLTAGE
nPANEL 4	4	4	120/277 VAC
nPANEL 2 480	2	2	208/240/480 VAC



TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

ORDERING INFORMATION

Specifications subject to change.

Example: nPANEL 4 1EBB

Series

nPANEL 4
nPANEL 2 480

Emergency Barrier Position¹

(blank) None
1EBB Emergency Barrier Position B
1EBC Emergency Barrier Position C
1EBD Emergency Barrier Position D

Notes

¹ See data sheet for diagrams on emergency barrier position references.

GRAPHIC WALLPOD



Overview

The Graphic WallPod (nPOD GFX) provides an elegant and sophisticated user interface to any nLight controlled space. Its 3.5", high resolution touch screen is easy to view and simple to use.

The Graphic WallPod fundamentally operates as a multi-channel user control device. It is configurable to display up to 16 controls, either on/off or on/off/dim style, as well as 16 lighting scenes. A control is activated by simply touching the screen. The unit instantly communicates the desired action throughout the connected zone of nLight devices. To facilitate simple commissioning of a zone, the Graphic WallPod automatically discovers and displays a list of all devices with relays and dimming outputs within its zone. The switch tracking settings on these devices can then be modified from the Graphic WallPod.

Preset scenes that consist of a combination of user configured settings (on/off or dim level) for each control can be created at the unit. Additional scene configuration can be done via SensorView software.

Features

- Native nLight Device
- 3.5" full color touch screen
- Provides up to 16 on/off or on/off/dim controls
- 16 scene controls
- Mounts to single gang switch box
- Accessible micro-USB Port
- Customizable screen saver image
- Screwless appearance

ORDERING INFORMATION

Specifications subject to change.

Example: nPOD GFX WH

Series	Power Supply Voltage	Color	
nPOD GFX	(blank)	WH	White
		IV	Ivory
		AL	Light Almond
		GY	Gray
	347	BK	Black

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS

PHYSICAL

SIZE:	5.06" H x 3.50" W x 0.69" D (12.85 cm x 8.89 cm x 1.75 cm)
WEIGHT:	6 oz
MOUNTING:	Single-gang low voltage switch box or ring

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

WALLPODS

Overview
WallPods are nLight wall devices that provide a user with local push-button control of an nLight control zone. These single gang devices have soft-click buttons each with a green LED indicator. There are two styles of WallPods that vary in the level of control they are able to provide.

On/Off/Raise/Lower WallPods
These basic WallPods are used for switching and raise/lower adjustment of remote relay / dimming packs or nLight Enabled luminaires. Versions with optional integrated line voltage relays and/or 0-10 VDC dimming outputs are also available.

Scene Selector WallPods
These more advanced WallPods provide a convenient method of selecting a custom lighting control scene for the room in which it is installed. Scenes can simply “preset” the level of the various lights controlled in its zone, and/or can set the entire “profile” which also includes the parameters that define the zones sequence of operation (e.g. manual on vs auto on, time delay, and photocell set-points). Devices are available that provide one,

two, and four scene control. By default, the buttons of scene controllers are configured as simple on/off toggle switches. Scene selectors can also signal an nLight Gateway to run scenes simultaneously across many zones.

- Features**
- Native nLight devices
 - Soft-click push-button control
 - Custom button engraving at no charge
 - 1, 2, or 4 channel on/off
 - 1, 2, or 4 channel raise/lower
 - 1, 2, or 4 channel scene selection
 - Remotely configurable/upgradeable
 - Optional 0-10VDC dimming output

ENCLOSURES



SIZE 2.74" H x 1.68" W x 1.63" D
(6.96 cm x 4.27 cm x 4.14 cm)
WEIGHT 2 oz
MOUNTING Single gang switch box or low voltage ring
TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

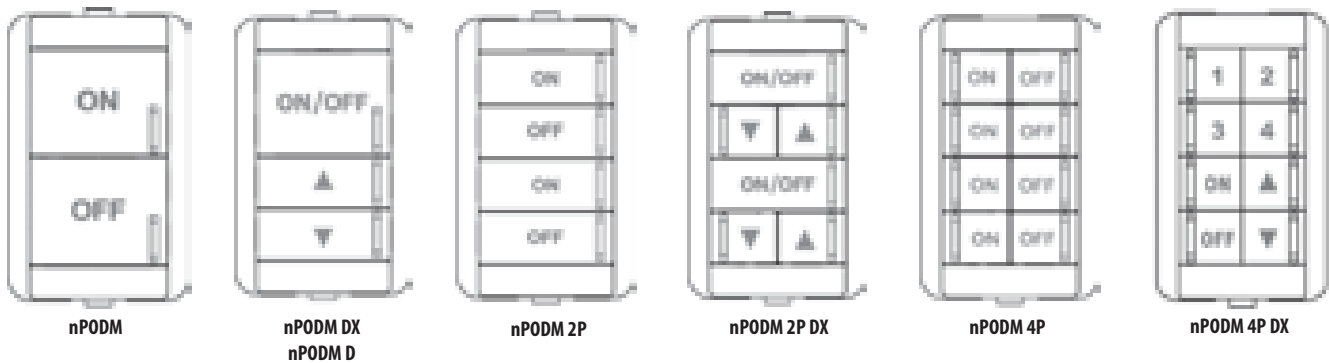
PRODUCT INFORMATION

WallPods: On/Off/Raise/Lower (Low Voltage)

LOW VOLTAGE		Specifications subject to change.				Example: nPODM 2P DX WH			
Series	Channels		Control Type		Color		Temp/Humidity		
nPODM	(blank)	Single Channel	(blank)	On/Off Control	WH	White	(blank)	Standard	
	2P	Two Channels	DX	On/Off + Raise/Lower Control	IV	Ivory	LT	Low Temp/High Humidity	
	4P	Four Channels	D	On/Off + Raise/Lower Control with Dimming Output ¹	AL	Light Almond			
					GY	Gray			
					BK	Black			
					RD	Red			

Notes
¹ Not available with 2P or 4P versions.

DEFAULT LABELING



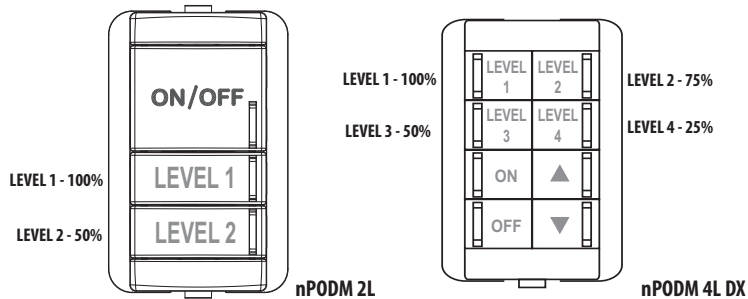
PRESET SCENE SELECTORS

Specifications subject to change.

Example: nPODM 4L DX WH

Series	Preset Scene Levels	Color	Temp/Humidity
nPODM	2L Two Levels 4L DX Four Levels with Raise/Lower	WH White IV Ivory GY Gray AL Light Almond BK BK	(blank) Normal LT Low Temp/High Humidity

DEFAULT LABELING



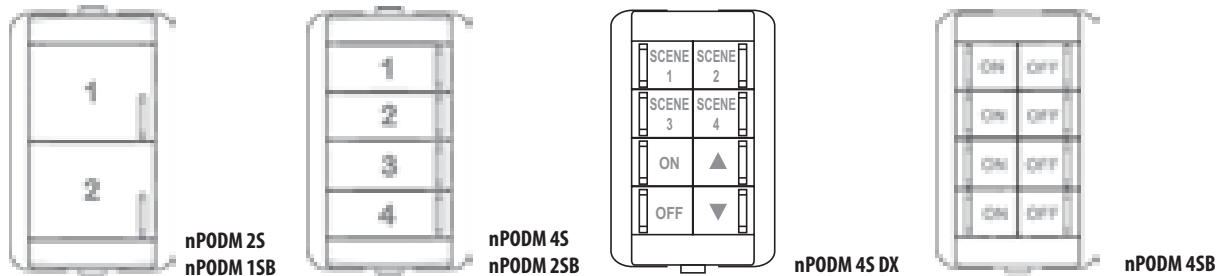
CUSTOM SCENE SELECTORS

Specifications subject to change.

Example: nPODM 4S DX WH

Series	# of Custom Profile Scenes				Raise/Lower Dimming Control		Color				Temp/Humidity	
nPODM	1SB	1 Scene Control (2 buttons)	4S	4 Scene Control (4 buttons)	(blank)	None	WH	White	AL	Light Almond	(blank)	Normal
	2S	2 Scene Control (2 buttons)	4SB	4 Scene Control (8 buttons)	DX	Adds On/Off & Raise/Lower Buttons	IV	Ivory	BK	Black	LT	Low Temp/ High Humidity
	2SB	2 Scene Control (4 buttons)					GY	Gray	RD	Red		

DEFAULT LABELING



PRODUCT INFORMATION

WallPods: On/Off/Raise/Lower (Line Voltage)

LINE VOLTAGE

Specifications subject to change.

Example: nPODMR DX WH

Series	Control Type	Color
nPODMR	(blank) On/Off Control D On/Off + Dim Control with 0-10V VDC Dimming Output DX On/Off + Dim Control	WH White IV Ivory AL Light Almond GY Gray RD Red

SPECIFICATIONS
ELECTRICAL

POWER CONSUMPTION: < 3 mA

MAXIMUM RELAY LOAD¹:

800 W @ 120 VAC

1200 W @ 277 VAC

1A @ 24 VAC/VDC

MINIMUM LOAD: None

MOTOR LOAD: 1/4 HP

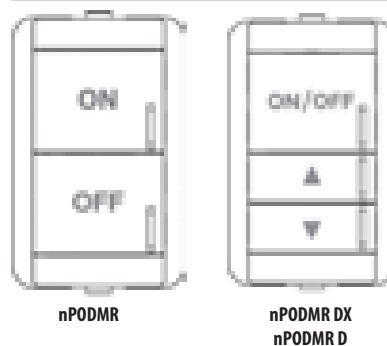
FREQUENCY: 50/60 Hz

DIMMING LOAD: Sinks < 20mA;

~40 Ballast/Drivers @ .5mA each

WIRES: 18 AWG (2), Interchangeable hot & load

DEFAULT LABELING

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes

¹ Load specifications are for fluorescent and incandescent lighting only. See data sheet for LED specifications.

PRODUCT INFORMATION

WALL SWITCH SENSORS

Overview

The nLight nWSX wall switch occupancy sensor family provides simple control solutions for small rooms. Capable of detecting small motion up to 20 ft (6.10 m), an nWSX sensor is perfect for private offices, private rest rooms, copy rooms, closets or any small enclosed space. nWSX sensors all utilize Passive Infrared (PIR) detection technology, and have PIR/Microphonics Dual Technology (PDT) detection available as an option. The low voltage versions of the nWSX are perfect for applications that utilize nLight Enabled luminaires or remote nLight power/relay packs.

Features

- Native nLight device
- Out-of-the-box functionality with nLight Enabled luminaires
- 100% digital PIR detection, vandal resistant lens standard, includes wall plate
- Optional PIR/Microphonics dual technology detection
- Programmable via push-button or SensorView software - adjustable time delays and operating modes
- Multiple nWSX sensors or WallPods can be used in 3 way (or greater) configurations w/o traveler wires
- Photocell standard (disabled by default)
- Optional integrated relay for line or low voltage switching applications

ENCLOSURES



nWSX
nWSX LV
nWSX PDT
nWSX PDT LV



nWSX LV NL
nWSX PDT LV NL



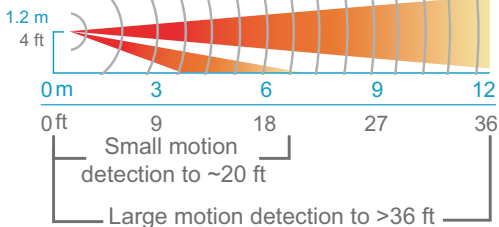
nWSX LV DX
nWSX PDT LV DX

SIZE	2.74" H x 1.68" W x 1.63" D (6.96 cm x 4.27 cm x 4.14 cm) (not including ground strap)
WEIGHT	5 oz
MOUNTING HEIGHT	30-48" (76.2-121.9 cm)
SILICONE FREE	
ROHS COMPLIANT	
ASSEMBLED in USA	

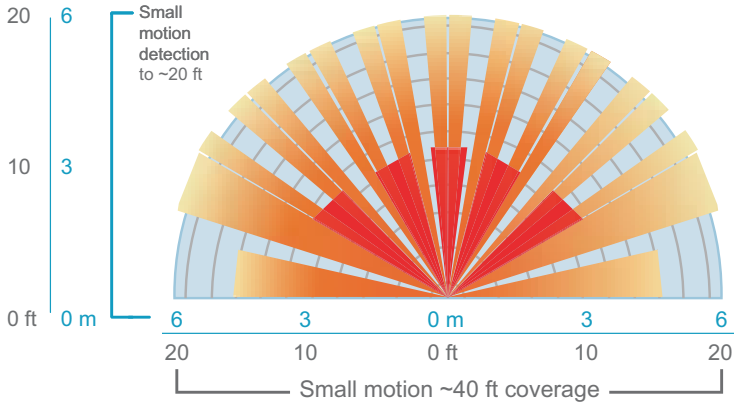
COVERAGE PATTERN

- Small motion (e.g., hand movements) detection up to 20 ft (6.10 m), ~625 sq ft
- Large motion (e.g., walking) detection greater than 36 ft (10.97 m), ~2025 sq ft
- Wall-to-Wall coverage
- Passive Dual Technology (Microphonics) provides overlapping detection of human activity over the complete PIR coverage area; advanced filtering is utilized to prevent non-occupant noises from keeping the lights on

SIDE VIEW



TOP VIEW



PRODUCT INFORMATION

Wall Switch Sensors: Low Voltage

LOW VOLTAGE

Specifications subject to change.

Example: nWSX PDT LV WH

Series		Night Light or Dimming		Color		Temp/Humidity	
nWSX LV	Passive Infrared (PIR)	(blank)	None	WH	White	(blank)	Standard
nWSX PDT LV	Dual Technology	NL	Integrated Night Light	IV	Ivory	LT	Low Temp/High Humidity
		DX	Raise/Lower Dim Control	AL	Light Almond		
				GY	Gray		
				BK	Black		
				RD	Red		

PRODUCT INFORMATION

Wall Switch Sensors: Line Voltage

LINE VOLTAGE

Specifications subject to change.

Example: nWSX PDT WH

Series		Color		Temp/Humidity	
nWSX	Passive Infrared (PIR)	WH	White	(blank)	Standard
nWSX PDT	Dual Technology	IV	Ivory	LT	Low Temp/High Humidity
		AL	Light Almond		
		GY	Gray		
		BK	Black		
		RD	Red		

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.

SPECIFICATIONS

ELECTRICAL

nLIGHT BUS POWER CONSUMPTION: <3 mA

RELAY LOAD¹:

800 W @ 120 VAC; 1200 W @ 277 VAC; 1500 W @ 347 VAC; (Fluorescent/Incandescent)

See data sheet for LED specs

1A @ 24 VAC/VDC

MINIMUM LOAD: None

MOTOR LOAD: 1/4 HP

FREQUENCY: 50/60 Hz

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes

- ¹ Load specifications are for fluorescent and incandescent lighting only. See data sheet for LED specifications.

SMALL & LARGE MOTION

360° Sensors

Overview

nLight Small Motion / Standard Range 360° occupancy sensors offer excellent performance and sensitivity to small motions (e.g., hand movements). These sensors are capable of covering an entire private office or smaller room by themselves. Multiple sensors can also work together to supply the ideal solution for oddly shaped rooms or large open office areas.

nLight Large Motion / Extended Range 360° occupancy sensors provide maximum viewing area from the ceiling of walking type motions. They are ideal for placement along corridors, in areas with ceiling heights as low as 7 ft, and for large classrooms (with PDT option). For mounting above 15 ft, see High Bay sensor section.

Features

- Native nLight device
- PIR or PIR/Microphonics dual technology detection
- On/Off photocell standard (disabled by default)
- Optional automatic dimming (0-10 VDC) photocell
- Optional integrated relay for line or low voltage switching applications

ENCLOSURES



CEILING MOUNT

SIZE	4.55" dia. (11.56 cm) 1.55" deep (3.94 cm)
WEIGHT	6 oz
MOUNTING	3.5" octagon box, or single gang handy box
COLOR	White



RECESSED MOUNT

SIZE	4.40" (11.18 cm) square
WEIGHT	6 oz
MOUNTING	Recessed into a 4" x 4" square junction box
COLOR	White



FIXTURE MOUNT BOX

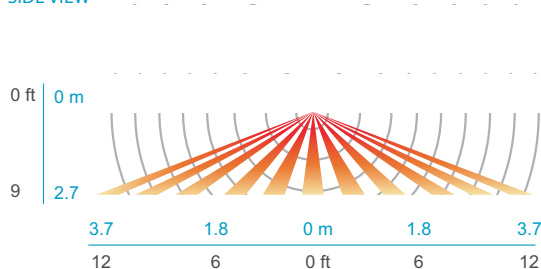
SIZE	3.63" H x 3.63" W x 1.50" D (9.22 cm x 9.22 cm x 3.81 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White

COVERAGE PATTERN

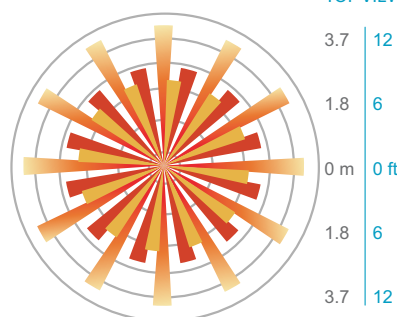
Small Motion / Standard Range 360° Lens

- Best choice for small motion (e.g. hand movements) detection
- 360° conical shaped pattern
- Provides 12 ft (3.66 m) radial coverage (~500 ft²) when mounted 9 ft (2.74 m)
- 8 to 15 ft (2.44 to 4.57 m) mounting heights provide 10 to 20 ft (3.05 to 6.10 m) radial coverage
- Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area; advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on

SIDE VIEW

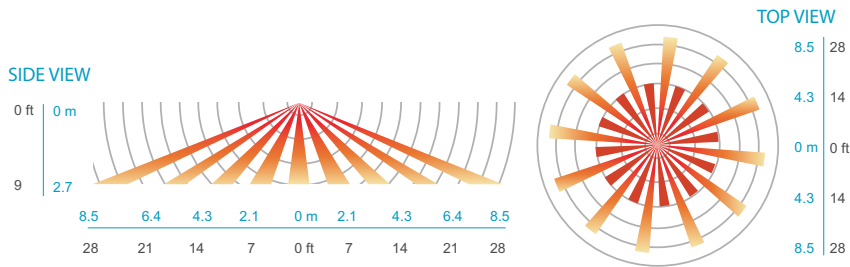


TOP VIEW



Large Motion / Extended Range 360° Lens

- Best choice for large motion (e.g. walking) detection
- 360° conical shaped pattern
- Provides 24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area ; advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on



ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com

SPECIFICATIONS	
ELECTRICAL	
nCM/nRM/nCMB POWER CONSUMPTION: ~ 3 mA DIMMING LOAD: Sinks < 20mA 0-10 VDC LED Drivers / Ballasts	RELAY LOAD¹ : 800 W @ 120 VAC 1200 W @ 277 VAC 1500 W @ 347 VAC 1A @ 24 VAC/VDC
nCMR/nRMR/nCMRB POWER CONSUMPTION: ~ 3 mA DIMMING LOAD: Sinks < 20 mA ~40 Ballasts/Drivers @ .5 mA each	MINIMUM LOAD: None MOTOR LOAD: 1/4 HP FREQUENCY: 50/60 Hz



TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes

- ¹ Load specifications are for fluorescent and incandescent lighting only. See data sheet for LED specifications.

CEILING MOUNT

Specifications subject to change.

Example: nCM PDT 9 ADCX

Series	Detection	Coverage Pattern	Photocell/ Dimming	Temp/Humidity
nCM Ceiling Mount Sensor	(blank) PIR	9 Small Motion 360°	(blank) On/Off Photocell¹	(blank) Standard
nCMR Ceiling Mount Sensor with Integrated Relay	PDT Dual Tech	10 Large Motion 360°	ADCX Photocell Dimming ADC Photocell Dimming (w/ Integrated 0-10VDC Output)	LT Low Temp/High Humidity

Notes

- ¹ Photocell disabled by default.

RECESSED MOUNT

Specifications subject to change.

Example: nRM PDT 9

Series	Detection	Coverage Pattern	Photocell/ Dimming	Temp/Humidity
nRM Recessed Mount Sensor	(blank) PIR	9 Small Motion 360°	(blank) On/Off Photocell¹	(blank) Standard
nRMR Recessed Mount Sensor with Integrated Relay	PDT Dual Tech	10 Large Motion 360°	ADC Photocell Dimming (w/ Integrated 0-10VDC Output)	LT Low Temp/High Humidity

Notes

- ¹ Photocell disabled by default.

FIXTURE MOUNT BOX

Specifications subject to change.

Example: nCMRB PDT 10 LP

Series	Detection	Coverage Pattern	Photocell/ Dimming	Line Powered	Temp/Humidity
nCMB Fixture Mount Sensor	(blank) PIR	9 Small Motion 360°	(blank) On/Off Photocell¹	(blank) Bus Powered	(blank) Standard
nCMRB Fixture Mount Sensor with Integrated Relay	PDT Dual Tech	10 Large Motion 360°	P On/Off Photocell (enabled) D Dimming Output (0-10VDC) ADC Photocell Dimming (w/ Integrated 0-10VDC Output)	LP Line Powered²	LT Low Temp/High Humidity

Notes

- ¹ Photocell disabled by default.
- ² Only available on nCMRB series.

WIDE VIEW & HALLWAY SENSORS

Overview

The nLight Wide View sensors are designed to mount in a corner and detect small motions up to 40 ft. (12.19m) away and larger motions up to 70 ft. (21.34 m) away. This makes them ideal for 30 x 30 ft. (9.14 x 9.14 m) classrooms or corridors up to 70 ft. (12.19 m) long.

The nLight Hallway unit detects occupants entering a hallway up to 130 ft. (39.64 m) away. The enclosure's convenient tilting feature enables the sensor to be mounted at any height from 8 to 10 ft. (2.44 to 3.05 m). When corner or wall mounting is not possible, the WV BR ceiling bracket accessory can be used to mount the sensor to the ceiling.

Features

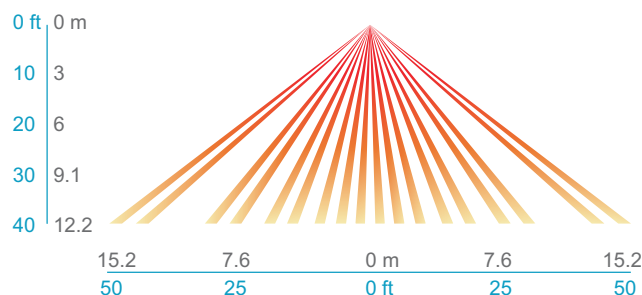
- Native nLight devices
- PIR occupancy detection
- 120° by 40 ft. (12.19 m) coverage for small motion (wide view only)
- Coverage up to 130 linear feet (hallway sensor)
- Remotely configurable/upgradeable
- Push-button programmable
- Adjustable time delay

COVERAGE PATTERNS

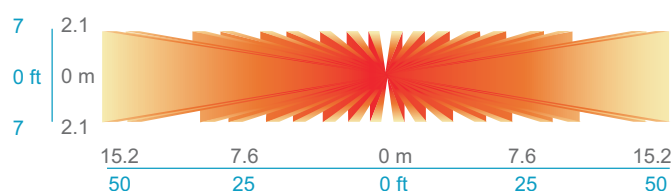
120° Wide View Lens

- Small motion (e.g. hand movements) detection up to 40 ft (12.2 m)
- Large motion (e.g. walking) detection up to 70 ft (21.34 m)
- Designed for 8-10 ft (2.44 to 3.05 m) high mounting in room corner

SIDE VIEW



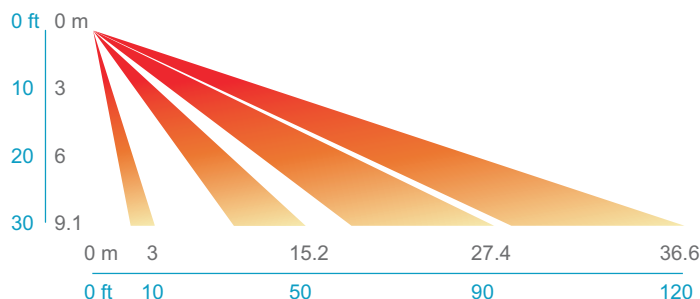
TOP VIEW



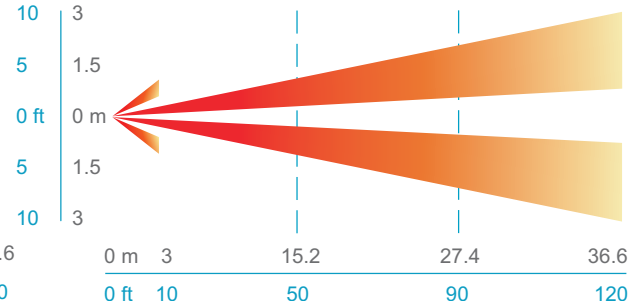
Hallway View Lens

- Provides large motion (e.g. walking) detection up to 70 ft (21.34 m) when mounted at 7 ft (2.13 m)
- Up to 130 ft (39.62 m) linear coverage when mounted at 10 ft (3.05 m)
- Recommended for use in pairs with one at either end of hallway

SIDE VIEW



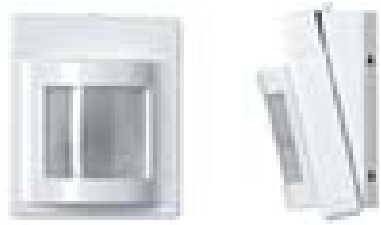
TOP VIEW



ENCLOSURES

WIDE VIEW SENSOR

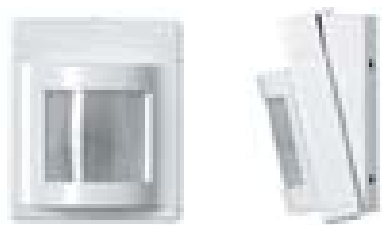
SIZE	3.00" H x 3.60" W x 1.75" D (7.62 cm x 9.14 cm x 4.45 cm)
WEIGHT	4 oz.
MOUNTING	Directly to corner or to ceiling using WV BR bracket
COLOR	White



nWV 16

HALLWAY SENSOR

SIZE	Rectangular, 3.00" x 3.60" x 1.75" (7.62 cm x 9.14 cm x 4.45 cm)
WEIGHT	4 oz
MOUNTING	Directly to wall or to ceiling using WV BR bracket
COLOR	White



nHW 13

TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

ORDERING INFORMATION

Specifications subject to change.

Example: nWV PDT 16 KIT

Series		Temp/Humidity		KIT	
nWV 16	120° Wide View - PIR	(blank)	Standard	(blank)	Sensor only
nWV PDT 16	120° Wide View - Dual Tech	LT	Low Temp/High Humidity	KIT	Sensor and WV BR bracket
nHW 13	Hallway - PIR				

HIGH BAY SENSORS

360° and Aisleway

Overview

Designed for mounting heights up to 45 ft. (13.72 m), nLight high bay occupancy sensors provide excellent energy savings for applications such as warehouses and gymnasiums. Individual fixture control is best handled utilizing sensors with integrated relays, while multiple fixture control is easily handled by one or more sensors and a power pack. These sensors are available with 360° and bi-directional aisleway coverage patterns.

Features

- Native nLight device
- 100% digital PIR detections
- On/Off photocell standard (disabled by default)
- Optional automatic dimming (0-10 VDC) photocell
- Optional integrated relay for line or low voltage switching applications

ENCLOSURES



CEILING MOUNT ENCLOSURE WITH HIGH BAY 360° LENS

SIZE	4.55" dia. (11.56 cm) 1.55" deep (3.94 cm)
WEIGHT	6 oz
MOUNTING	3.5" octagon box, or single gang handy box
COLOR	White



FIXTURE MOUNT BOX W/ HIGH BAY AISLEWAY LENS

SIZE	3.63" (9.22cm) square, 1.5" deep (3.9 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White



FIXTURE MOUNT BOX W/ HIGH BAY 360° LENS

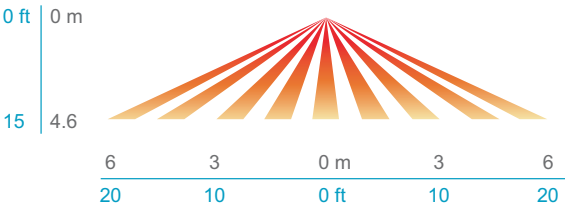
SIZE	3.63" H x 3.63" W x 1.50" D (9.22 cm x 9.22 cm x 3.81 cm)
WEIGHT	6 oz
MOUNTING	.5" knockout
COLOR	White

COVERAGE PATTERN

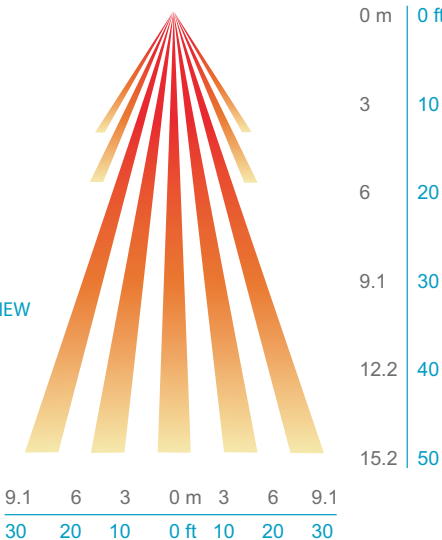
High Bay 360°

- Best choice for 15 to 45 ft (4.57 to 13.72 m) mounting heights
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Excellent detection of large motion (e.g. walking) up to a 35 ft (10.76 m) mounting height
- Excellent detection of extra large motion (e.g. forklifts) up to a 45 ft (13.72 m) mounting height

LOW VIEW

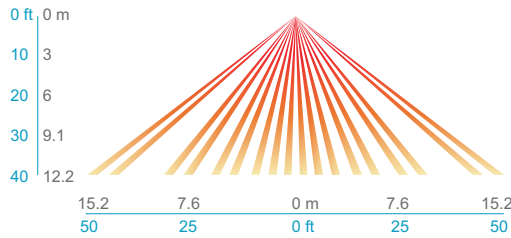
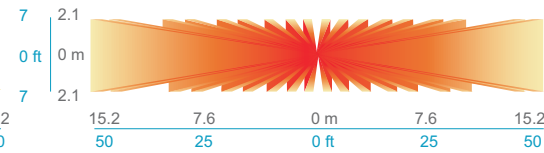


HIGH VIEW



High Bay Aisleway

- Provides a bi-directional coverage pattern ideal for warehouse racking
- 1.2x mounting height equals approximate detection range in either direction
- Typical 40 ft (12.19 m) mounting detects 50 ft (15.24 m) in either direction
- Superior aisleway coverage compared to a masked 360° lens

SIDE VIEW**TOP VIEW**

SPECIFICATIONS	
ELECTRICAL	
nCM/nCMB	nCMR/nCMRB
POWER CONSUMPTION: < 3 mA	POWER CONSUMPTION: < 3 mA
WIRES: None	DIMMING LOAD: Sinks < 20mA; ~40 Ballasts/Drivers @.5mA each
	RELAY LOAD / POLE (1 PHASE ONLY) ¹ :
	800 W @ 120 VAC
	1200 W @ 277 VAC
	1500 W @ 347 VAC
	1A @ 24 VAC/VDC
	MINIMUM LOAD: None
	MOTOR LOAD: 1/4 HP
	FREQUENCY: 50/60 Hz



TITLE 24 SYSTEM COMPONENT
ASSEMBLED in U.S.A.
5-YEAR WARRANTY

Notes

- ¹ Load specifications are for fluorescent and incandescent loads only. See data sheet for LED specifications.

CEILING MOUNT ENCLOSURES

Specifications subject to change.

Example: nCMR 6 LT

Series		Coverage Pattern		Photocell/Dimming		Temp/Humidity	
nCM	Ceiling mount sensor	6	High bay 360°	(blank)	On/Off photocell ¹	(blank)	Standard
nCMR	Ceiling mount sensor with integrated relay			ADCX	Photocell dimming control	LT	Low Temp/High Humidity
				ADC	Photocell dimming (with integrated 0-10VDC output)		

Notes

- ¹ Photocell disabled by default.

FIXTURE MOUNT ENCLOSURES

Specifications subject to change.

Example: nCMRB 50 LP

Series		Coverage Pattern		Photocell/Dimming		Line Powered		Temp/Humidity	
nCMB	Fixture mount sensor	6	High bay 360°	(blank)	On/Off photocell ¹	(blank)	Bus powered	(blank)	Standard
nCMRB	Fixture mount sensor with integrated relay	50	High bay Aisleway	P	On/Off photocell (enabled)	LP	Line powered ²	LT	Low Temp/High Humidity
				D	Dimming output (0-10VDC)				
				ADC	Photocell dimming (with integrated 0-10VDC output)				

Notes

- ¹ Photocell disabled by default.
² Only available on nCMRB series.

INDOOR PHOTOCELL SENSORS

Overview

Standalone on/off and dimming photocell sensors enable nLight to monitor daylight conditions in a zone, and then control the lighting so as to achieve energy savings while still ensuring adequate lighting levels are maintained.

On/off photocell sensors turn lights completely off when adequate daylight is present by switching relays within the sensor, power/relay pack, WallPod®, or line voltage occupancy sensor. This level of control is sufficient for public spaces, such as vestibules, corridors, or restrooms.

Dimming photocell sensors closely track daylight contribution and raise/lower the level of dimmable lighting accordingly. This level of smooth and continuous dimming is recommend for applications such as private offices and classrooms, where lighting level adjustments should not be noticed by occupants. Dimming photocell sensors are capable of controlling 0-10 VDC dimmable ballasts and drivers directly; however, typically they control nLight Enabled luminaires, remote nLight devices with 0-10 VDC dimming outputs (e.g., nLO D), or line voltage dimming outputs (e.g., nSP5 PCD 2W/3W).

Features

- Native nLight device
- Automatic set-point programming
- Calibration can be done at any time of day
- Integrated foot-candle measurement
- Push-button digital programming of settings; no tools or analog adjustments required
- Remote control via SensorView software

ENCLOSURES



CEILING MOUNT

- SIZE 4.55" dia. (11.56 cm)
1.55" deep (3.94 cm)
- WEIGHT 6 oz
- MOUNTING 3.5" octagon box, or single gang handy box
- COLOR White



RECESSED MOUNT

- SIZE 4.40" (11.18 cm) square
- WEIGHT 6 oz
- MOUNTING Recessed into a 4" x 4" square junction box
- COLOR White



FIXTURE MOUNT BOX

- SIZE 3.63" H x 3.63" W x 1.50" D
(9.22 cm x 9.22 cm x 3.81 cm)
- WEIGHT 6 oz
- MOUNTING .5" knockout
- COLOR White

LOW VOLTAGE

Specifications subject to change.

Example: nCM ADCX

Series		Photocell/Dimming		Temp/Humidity	
nCM	Ceiling mount	PC	On/Off photocell	(blank)	Standard
nRM	Recessed mount	ADCX	Photocell dimming control ¹	LT	Low Temp/High Humidity
nCMB	Fixture mount	ADC	Photocell dimming (with integrated 0-10VDC output)		

Notes
1 Only available on nCM enclosure.

LINE VOLTAGE

Specifications subject to change.

Example: nCMRB PC

Series		Photocell/Dimming		Temp/Humidity	
nCMR	Ceiling mount with integrated relay	PC	On/Off photocell	(blank)	Standard
nRMR	Recessed mount with integrated relay	ADCX	Photocell dimming control ¹	LT	Low Temp/High Humidity
nCMRB	Fixture mount with integrated relay	ADC	Photocell dimming (with integrated 0-10VDC output)		

Notes

1 Only available with nCMR series.

SPECIFICATIONS

ELECTRICAL

nCM/nCMB	nCMR/nCMRB
POWER CONSUMPTION: < 3 mA	POWER CONSUMPTION: < 3 mA
WIRES: None	DIMMING LOAD: Sinks < 20mA; ~40 Ballasts/Drivers @.5mA each
	RELAY LOAD / POLE (1 PHASE ONLY) ¹ :
	800 W @ 120 VAC
	1200 W @ 277 VAC
	1500 W @ 347 VAC
	1A @ 24 VAC/VDC
	MINIMUM LOAD: None
	MOTOR LOAD: 1/4 HP
	FREQUENCY: 50/60 Hz

Notes

1 Load specifications are for fluorescent and incandescent loads only. See data sheet for LED specifications.

PRODUCT INFORMATION

nIO

Specialty I/O Devices

Overview

A nIO is an nLight device that wires to non-nLight devices for input and/or output purposes. nIOs come in many different versions each with a specific interface function or intended application.

Features**nIO D**

- Provides an addressable 0-10 VDC dimming output for dimming ballasts or drivers (non-DALI)

- Enables simple incremental addition of dimming zones

nIO 1S

- Reads a 0-10 VDC dimming control signal from any non-nLight device

- Senses a toggle or momentary contact closure

- Sends an on/off/raise/lower signal (like a WallPod) or runs a Scene

nIO RLX

- Enables a single momentary contact closure to cycle a dimming output elsewhere in its zone between full bright and full dim

- Intended for hospital bed pillow switch systems

nIO PC KIT

- Outdoor photocell interface kit, low voltage
- Kit provides both outdoor photocell and specialized nIO NLI interface device
- Sends toggle signal to relays within the local zone or Initiates a local or remote scene
- Kit comes with a PS 150 power supply

nIO X

- Enables a non-nLight touch screen to interface with an nLight network
- nIO X device has both an nLight port and a RS-232 or RS-485 port for direct digital interface
- Simple protocol commands (programmed into 3rd party device)
- On/Off and raise/lower control of any lights in local zone
- Triggering of up to 4 local or remote nLight scenes
- Scenes created in SensorView

ENCLOSURES

**Inline Wired Enclosure**

2.54" H x 1.98" W x 1.00" D
(6.45 cm x 5.03 cm x 2.54 cm)

KO Option Enclosure

3.38" H x 2.53" W x 1.83" D
(8.59 cm x 6.43 cm x 4.65 cm)
(Dimensions do not include 1/2" chase nipple)

WEIGHT: 2 oz
COLOR: White

ELECTRICAL SPECS

BUS POWER CONSUMPTION: ~3 mA

DIMMING INPUT: (nIO 1S) 0-10 VDC

DIMMING OUTPUT LOAD: (nIO D)

Sinks < 20mA

0-10 VDC LED Drivers / Ballasts

I/O UNITS

Specifications subject to change.

Example: nIO D KO

Series	I/O feature	Mounting
nIO nLight I/O device	D 0-10VDC dimming output	(blank) Inline wired
	1S Contact closure/0-10VDC dimming input	KO Chase nipple mounting
	RLX Pillow switch input	

OUTDOOR PHOTOCELL KIT

Specifications subject to change.

Example: nIO PC KIT

Model #	Description
nIO PC KIT	nLIGHT Outdoor Photocell Interface Kit – Low Voltage
nIO NLI	Normally low input interface device
PS 150	120/277 VAC power supply for outdoor photocell

TOUCH SCREEN I/O KIT

Specifications subject to change.

Example: nIO X KIT

Model #	Description
nIO X KIT	nLIGHT RS-232 Touch Screen Interface KIT (includes Controller and RS-2323 Isolator)
nIO X CTRL	nLight RS-232 Interface Controller (replacement only)
RS232 ISO	RS-232 Isolator (replacement only)
nIO X 485	nlight RS-485 Touch Screen Interface Controller (Isolator not required for RS-485 version)

nWIFI

Overview

Named nWIFI for its ability to integrate directly with a building's existing WiFi network infrastructure, this powerful new nLight technology further simplifies installation and reduces hardware costs. nWIFI adds conventional WiFi technology to nLight devices, such as relay packs and power supplies, enabling them to seamlessly communicate with both wired and wireless nLight lighting control zones.

Utilizing standards based 802.11n wireless technology, nWIFI enabled devices communicate with each other via a network of WiFi access points and/or routers. nWIFI devices can also directly communicate to locally wired nLight devices through CAT-5e cables connected to their integrated RJ-45 ports. WiFi tablets, and laptops.

Benefits

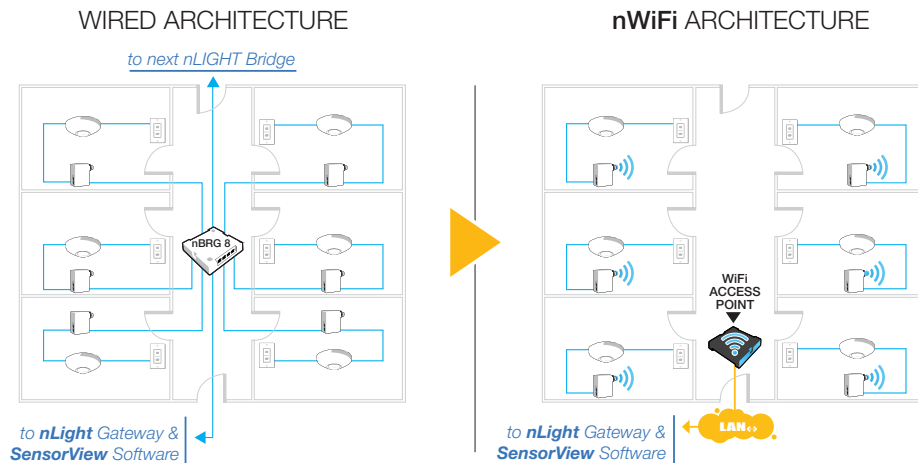
- Lower labor and material costs
- Uses existing WiFi networks
- Simplifies system design
- Ideal for retrofit control applications

Key Application - Wireless Backbone

- Allows standalone wired zones (e.g., classrooms, office, etc.) to connect wirelessly to the nLight Gateway and SensorView Software
- Hybrid wireless/wired architecture delivers wireless benefits while maintaining standalone reliability of CAT-5e wired zones
- All zones communicate via facility's existing WiFi data network
- Eliminates requirement for nLight Bridge devices
- Eliminates longest and most costly runs of CAT-5e cable

ADDITIONAL INFORMATION

For additional product information, visit www.sensorswitch.com.



nWIFI Power Pack (nPP16 WIFI)

nLight Enabled power pack with integrated WiFi communications

- Switches 16A @ 120/277 VAC (single phase)
- Powers itself and supplies 40 mA of bus power per RJ-45 port
- Uses IP address assigned by network
- Maintains unique nLight serial number
- Integrated current monitoring



nWIFI Power Supply (nPS 80 WIFI)

nLight Enabled power supply with integrated WiFi communications

- Functions as nWIFI uplink device for a wired nLight zone
- Powers itself and supplies 40 mA of bus power per RJ-45 port
- Uses IP address assigned by network
- Maintains unique nLight serial number



ORDERING INFORMATION

Specifications subject to change.

Example: nPP16 WIFI

Series

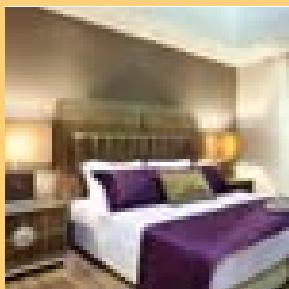
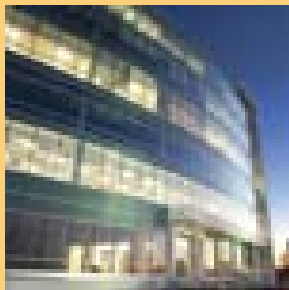
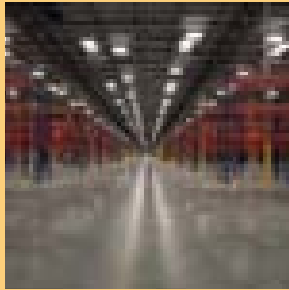
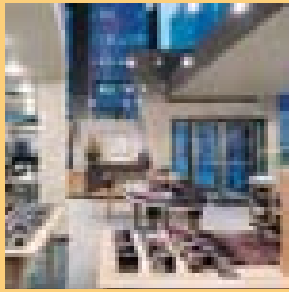
nPP16 WIFI	nWIFI Power Pack
nPS 80 WIFI	nWIFI Power Supply



LC&D™ LIGHTING CONTROLS

Lighting Control & Design (LC&D) provides both wired and wireless control systems that are cost-effective and scale seamlessly from rooms and floors to buildings and campuses. LC&D's expertise is providing solutions that ensure occupant comfort while lowering energy costs, reducing maintenance costs and increasing the service life of lamps, ballasts and LED drivers.

LC&D networkable devices can be combined into a single configurable system to meet the needs of any size project. With distributed intelligence, each component contains local programming to ensure the system continues to operate as designed, even if one portion of the network goes down.



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THE LC&D DIFFERENCE

Our expertise is delivering reduced operational cost and enhanced occupant comfort within the bounds of building codes and sustainability initiatives.

Scalable Switching & Dimming Systems

Our networkable devices can be combined into a single configurable system to address any size project, thus eliminating complex choices about which level of system to use and allows for future expansion.

Distributed Intelligence

Each component contains local intelligence, which means that if one portion of the network is compromised, the rest of the system will continue to operate as designed.

Factory Pre-Programming Available

Systems are fully tested and may be programmed during manufacturing to provide out-of-the-box operation.

Basic Programming Changes Included

Our technical support staff can access your system remotely via modem or Ethernet to modify wall station programming and time schedules.

Code Plus™ Compliance

LC&D has an extensive working knowledge of various building and electrical codes, including:

- ASHRAE 90.1
- CA Title 24 (CEC Certified)
- Seismic Certification ICC-ES AC 156
- IECC
- UL 924 Compliant

Seamless BMS and EMS Integration



DESIGN WITH CONFIDENCE

- Diverse product offering allows for each space to be controlled in an optimal manner, while still providing a single system with consistent and intuitive user interfaces.
- Special Projects Team provides tailored drawing and design assistance at any stage of a project.
- Detailed submittal and factory drawings.



INSTALL WITH EASE

- Pre-assembled panels and pre-tested assemblies ensure error-free installation with minimal time and inconvenience.
- LC&D's ability to customize and pre-commission packaged rooms or entire factory engineered systems can save considerable labor and startup costs, compress the installation timeline, and reduce overall project risk.




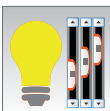
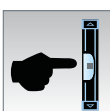
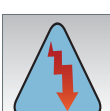





OPERATE WITH EFFICIENCY

- Flexible scheduling and programming options allow a high degree of customization of light levels and sensor behavior based on time of day/day of week and location.
- Facility management software provides centralized and remote control and monitoring of lighting and sensors.

STRATEGIES THAT WORK

LC&D offers practical control solutions for new construction and retrofit projects. Our innovative products utilize various strategies to improve performance including:

STRATEGY	DESCRIPTION	SAVINGS
 Scheduling	Automated control based on time of day, or relative to sunrise and sunset. Temporary timers and blink warnings ensure easy occupant override.	10%-40%
 Occupancy Sensing	Turn off lights and setback HVAC in unoccupied areas. Share occupancy information with BMS or security systems.	10%-30%
 Daylight Harvesting	Seamlessly dim or switch artificial lighting in response to available daylight.	5%-15%
 Task Tuning	Reduce eye strain and save additional energy by pre-setting light levels below 100% (full output).	5%-15%
 Occupant Controls	Intuitive controls allow adjustment of lighting or temperature to maximize occupant comfort and productivity.	5%-25%
 Load Shedding	Minimize peak demand charges and reduce real time energy usage by automatically limiting various building electrical loads.	5%-15%
 HVAC	Leverage lighting system scheduling, sensors, and wall stations to integrate HVAC control.	Situational
 Plug Load Control	Turn off plug loads based on time, occupancy or for load shedding.	Situational
 PC-Based Control	Remote control and monitoring of lighting and sensors simplifies building operations for facility managers and security staff.	Situational

Potential cumulative savings from above strategies

40%-65%

LC&D's Wide Array of Solutions

LC&D's flagship system architecture puts it all together. The highly-scalable GR 2400 allows a wide variety of components and subsystems to be networked into large building and campus control solutions.



Blue Box™ LT

The Blue Box LT Series is a cost effective, simple alternative to traditional time clocks, twist timers and contactor packages. The Blue Box LT is ideal for small-to-medium projects, and arrives pre-assembled and ready for installation.



MicroPanel™

The MicroPanel offers distributed switching and dimming, perfect for daylight harvesting and load shedding applications. With onboard photocell and occupancy sensor inputs, and available plenum and emergency barrier options, this is a highly versatile local area controller.



xCella™ Wireless

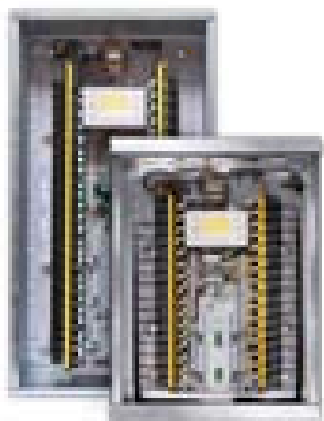
Room-based lighting, HVAC and plug control in an easy-to-install package.

QUICK CONFIGURED SYSTEMS

Quick Configured Systems are cost-effective, easily available, modular solutions. They require minimal design and specification. These systems offer flexible programming and product configurations to satisfy a wide range of project requirements.

Benefits

- Minimal pre-design needed
- Pre-assembled and ready for installation
- Available for quick turn around
- Remote phone start-up available



GR 2400™ Panel

The GR 2400 system is a 100% digital solution to lighting control. Panels and switches daisy-chain together, using Cat. 5 patch cable with RJ45 connectors in any sequence.



SmartBreaker™ Panel

The GR 2400 SmartBreaker Panel uses solenoid-operated thermal magnetic breakers. Combine overcurrent protection and lighting control in a single package. Mix controlled and conventional breakers in the same panelboard.



XPoint™

(wired & wireless)

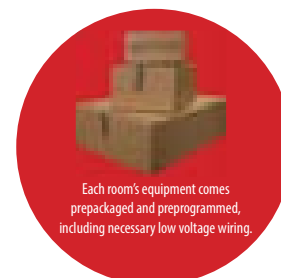
Wide area wired and wireless control for industrial facilities, parking structures and stairwells/corridors.

FACTORY ENGINEERED SOLUTIONS

Built-to-order relay and breaker assemblies are combined with control devices and building integration gateways for a customized, whole building solution. Fully engraved custom wall controls and switch banks available to solve demanding control scenarios. Engineers and contractors are supported by detailed design, submittal, and installation assistance.

Benefits

- Packaged by room or by bus
- Pair & Play™ functionality
- Fully designed, verified and tested
- Tested as programmed
- Wireless product pairing available with room packages



Each room's equipment comes prepackaged and preprogrammed, including necessary low voltage wiring.



BLUE BOX™ LT

Cost Effective Automated Switching

Known as the “contractor panel”, Blue Box LT is a simple, cost-effective alternative to traditional time clocks, twist timers and contactors. It eliminates expensive line-voltage cabling for override switches and photocells, and is an appropriate solution for small-to medium-size switching projects.



MICROPANEL™

Flexible Dimming & Daylight Harvesting

The MicroPanel integrates manual control, occupancy sensors and daylight harvesting in a multi-level lighting environment such as an office, classroom or even aisle lighting in a daylit warehouse. Network together to create a single building-wide system that distributes power and controls throughout the space.

COMMON AREAS & HALLWAYS

- Time schedules and occupancy sensors turn off lighting in unused areas
- Photocell minimizes electric lighting when ample daylight is present
- Simple integration to fire and alarm systems activates lights during emergencies



RETAIL

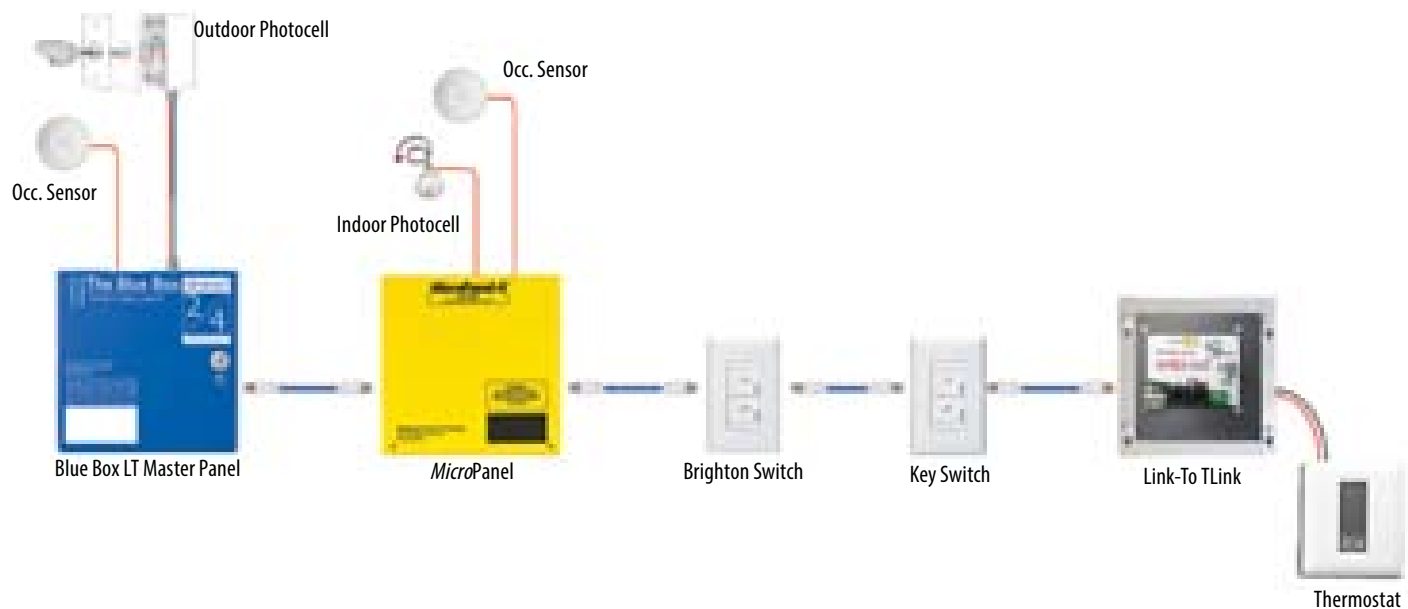
- Automate lighting and HVAC control
- Small footprint saves space
- Update holiday schedules locally or remotely



CLASSROOM

- Enable/disable various wall stations based on time of day or using a key switch
- Vandal-resistant controls prevent costly repairs and inoperability of lights
- School or district-wide control and monitoring of all facilities via Unity GX2™ software





Blue Box LT Enclosures

- GR1404 LT: 2 or 4 relays
- GR1408 LT: 4 or 8 relays
- GR1416 LT: 8 or 16 relays

MicroPanel Enclosures

- GR2404: Up to 4 relays
- GR2408 LT: Up to 8 relays

Features

- Panels arrive fully assembled and ready for quick installation
- UL 916 and cUL Listed
- May control normal or emergency power
- Optional voltage barriers allow for mixed voltages to be combined into the same panel
- Replace expensive line-voltage cabling for digital override switches & photocells
- 14 optional programmable contact inputs for occupant sensors or wall switches
- Free lifetime dial-up programming with factory-installed modems practically eliminate call-backs



xCELLA™ WIRELESS

Pair & Play™ Energy Management Solutions

Ideal for rooms and smaller areas, xCella switches and sensors are wirelessly paired with distributed relays to create lighting control systems that communicate device-to-device without requiring a central processor or gateway. Many of the sensors and switches feature “true wireless operation,” meaning no power or communication wires are required because the sensors use available light, long-life battery or manual activation to power themselves. xCella devices may be connected to a GR 2400™ system for centralized management and reporting.

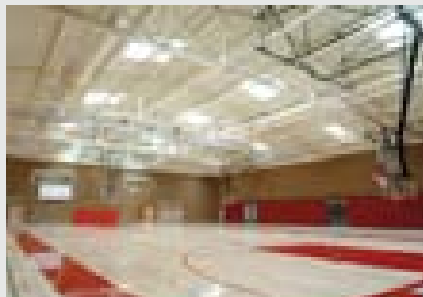
OFFICES

- The xCella Remote Panel and xCella Module quickly install wherever main circuits are feeding the space, and has the option to integrate emergency relays for cost-effective code compliance.
- Fully wireless sensors can be quickly and easily moved for best cubicle/desk coverage.
- Wireless switches or remote controls can be used to change current light levels or activate lights when sensors are set to vacancy mode.



GYMNASIUM

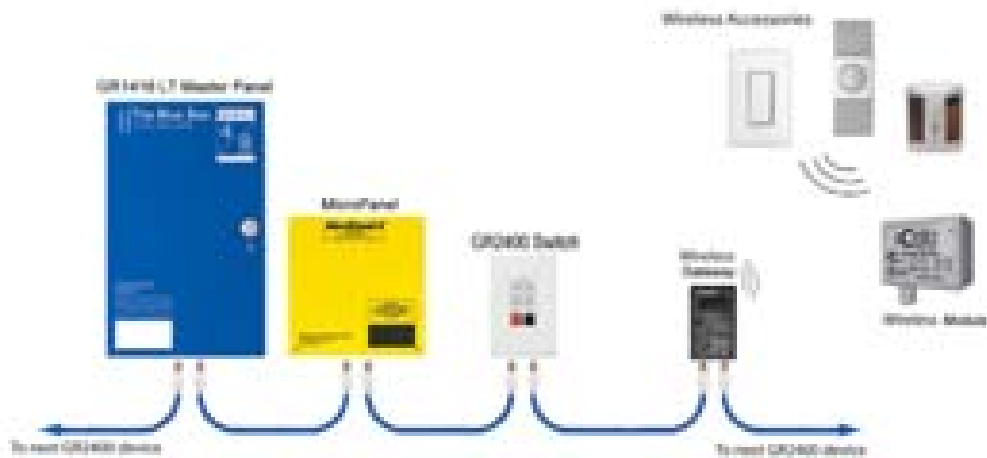
- Selectively light active sections of the gym based on a time schedule, override switch, or sensors.
- Leave only a few fixtures lit in vacant sections for occupants who briefly pass through.
- Unlike a typical switch, the rugged metal SwitchBolt or Key Switch will survive impacts from balls and other hurtling objects, without triggering a change in the lighting system.



DORM

- The combination of a door/window sensor and a wireless occupancy sensor allow responsible energy usage by resident. When unoccupied, the room powers down (turn off/setback HVAC, lighting, and select plug loads).
- Intelligent Occupancy Verification: Room occupancy is verified only during the 10 minutes following a door closure, and is updated on subsequent door closures, thus avoiding false-off scenarios during studying or sleeping.





xCella Wireless products can be combined with other LC&D systems to create a hybrid wired and wireless solution.

Features

- Application-specific control of local and distributed relays based on prioritized switch and sensor inputs, preset timers, and presence of mastering devices (ex. room keycard)
- Accepts up to 16 switch/sensor inputs (wireless or dry contact) and controls up to 16 main/low voltage relay outputs (up to 8 relays can be housed locally within panel)
- Provides multiple button programming schemes including toggle, single action, momentary, and timer override

Wireless Accessories



xCella Module

Single 30A relay for control of a single fixture or an entire circuit



Rocker Switch

Self-powered (piezoelectric), single or dual pad



Occupancy Sensor *

Solar powered passive infrared or battery powered dual tech



Gateway

Link to GR 2400 system for basic control & monitoring



Solar Photocell *

Can be oriented for open or closed loop operation



Solar Window/Door Switch *

Magnetic contact, differentiated output for open vs. close



Keycard Switch

Wireless mechanical style, or wired IR beam with nightlight



In-Wall Switch

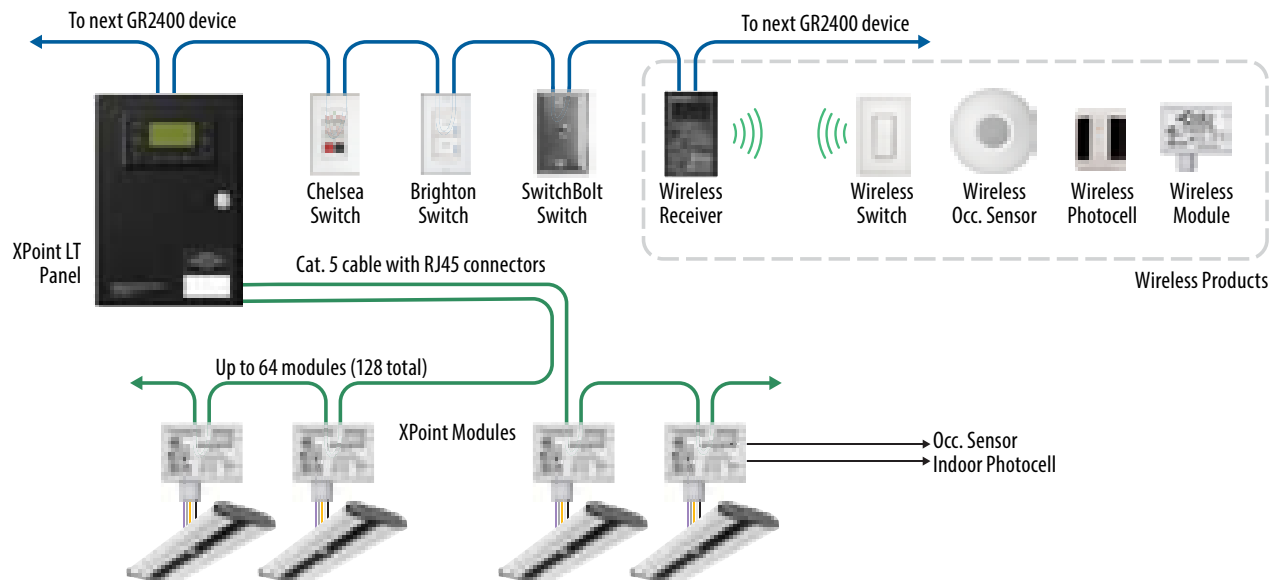
Line voltage retrofit load center and switch



In-Line Plug Module

Easily add wireless control to any plug-in load

* Optional battery back-up



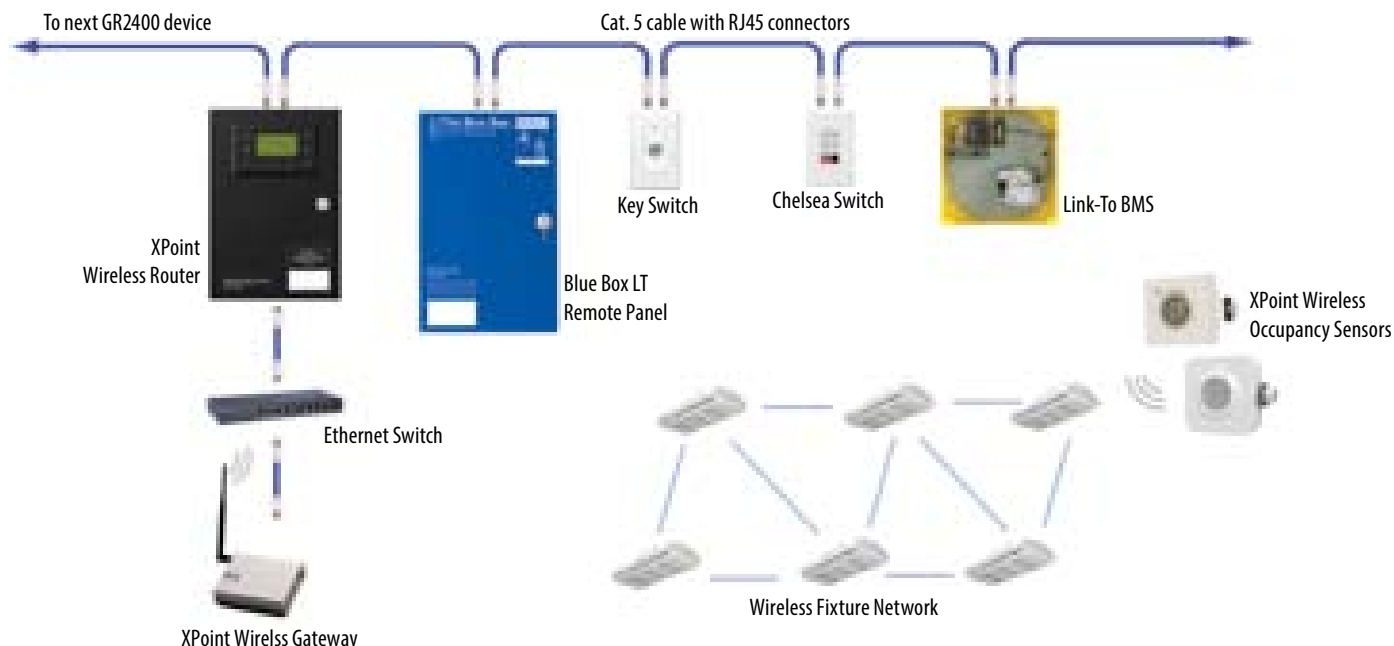
XPOINT™

XPoint is a fully-distributed switching and dimming solution allowing remote mounting of 30A relay modules for individual fixture or single circuit control of lighting, plug load, or select mechanical equipment. Modules can be organized into various size groups, and quickly recalled for user specific light settings. Graphical software allows instant rezoning of lights as space changes.

Features

- Variety of module options:
 - Single and Dual 30A switching relay
 - Single 30A with 0-10V dimming, and photocell/occupancy sensor inputs
 - 0-10V dimming with sensor inputs (no relay - for retrofit with existing relay systems)
 - 6A 2-pole 480V
 - 5A 2- or 3-wire phase control
- Dual relay module and seamless 0, 2, 4, 6 lamp switching provide cost-effective daylight management solution
- Modules can be field mounted or factory installed into most Acuity Brands LED/Fluorescent/HID fixtures
- Optional 5A quick connect model provides easy code compliance





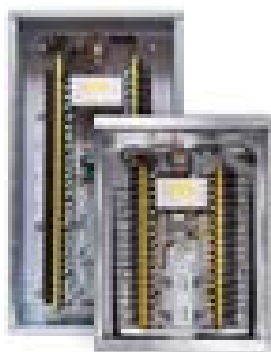
XPOINT™ WIRELESS

XPoint Wireless is well-suited for new construction and retrofit lighting control projects in covered parking areas, high bay spaces, corridors and stairwells. The system makes wireless fixture-by-fixture or group control simple to deploy since the dimming and switching control is integral to the fixtures.

Features

- Light fixtures and sensors are connected via a proven reliable 2.4 Ghz IEEE 802.15.4 mesh network
- Providing redundant message paths and high-speed response, XPoint Wireless with Adura® protocol is confidently deployed in a variety of spaces
- Reliable wireless control that operates without a repeater or active gateway
- Schedules and group information are stored in the device for immediate and accurate response
- On-board current monitoring and lamp outage reporting allow for enhanced facility optimization
- Program and monitor light fixture operation directly from a PC or the web with Unity GX2™ software





GR 2400™ Panels

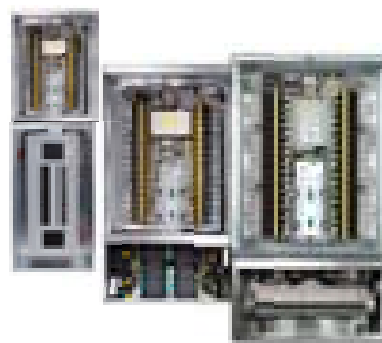
The GR 2400 Panel is a centralized relay panel which houses the digital time clock (the time keeper and primary system programming interface) and up to 48 relays. Providing a flexible voltage barrier system and space for single and double pole relays, the GR 2400 Panel is a highly configurable switching solution.

Two Enclosure Sizes

- Up to 32 relays
- Up to 48 relays

Features

- All panels may be configured as master (with DTC clock) or remote
- 32-channel, 365-day/astrophysical time clock. Large display (21 x 8 characters) acts as programming interface for the entire system
- Non-volatile memory holds all programming indefinitely. Ten-year battery back-up for time-of-day
- Manual override of individual relays or entire panel
- Any panel may be linked to any other panel (or any digital device) with Cat.5 with RJ45s
- Basic programming with factory-installed modems practically eliminate contractor call-backs. Panels arrive network ready
- UL 916 and cUL Listed
- Available as DMX 512 panel
- May control normal or emergency power



Quintessence

Minimize construction costs and better manage construction time with Quintessence. At our factory, we will engineer, assemble, pre-wire and pre-program any of our digital lighting control panels with other electrical equipment including breaker panels, the SilverBullet and surge suppression.

Features

- Pre-wired, pre-assembled, pre-programmed
- Reduce construction time and construction costs
- Reduce equipment footprint and on-site labor costs

Pre-Fabricated Electrical Rooms

Pre-fabricated electrical closets or rooms are also available and can include telecom, main transformers, security and fire safety/suppression

The SilverBullet Sub-Branch Circuit Current Limiter

Eliminate the 30 to 70 watts-per-foot energy code deductions for track lighting

- Up to 12 or 21 breakers
- Current limiting available from 1-8, 10, 13 and 15 amps
- AIC Rating of 10,000A @ 120VAC

Surge Suppression

Protect power inputs, loads and even our digital network; assemblies are manufactured per customer specifications

Pre-wired Breakers

Reduce installation time and better manage costs; we will manufacture assemblies to your specification



SmartBreaker™ Panels

SmartBreakers are the combination of a controllable relay and a circuit breaker within a single device. *SmartBreaker* Panels require less space and eliminate the need to wire between breakers and relays. For many projects, this savings in on-site labor and material leads to a much lower installed cost and reduced installation errors. Furthermore, the *SmartBreaker* panel interiors can be quickly retrofit into existing breaker panel enclosures allowing for digital lighting control in any space.

Features

- Main lugs or main breakers
- Retrofit chassis available
- 65,000 AIC @ 120VAC
- 14,000 AIC @ 277VAC
- Up to 42 controllable breakers
- 1-, 2- and 3-pole breakers
- Up to 480V
- Up to 100k AIC (Series rating); panels arrive assembled and network ready
- UL 916 and cUL Listed



SilverBullet™

The *SilverBullet* panel houses non-system current limiting breakers, which restrict the total power available to a branch circuit. These are typically used to allow track lighting fixtures to comply with stricter energy codes and W/ft² allowances.

Two Enclosure Sizes

- Up to 12 breakers
- Up to 21 breakers

Features

- Current limiting for up to 21 circuits
- Current limiting available from 1-8, 10, 13, and 15A
- AIC Rating of 10,000A @ 120V
- Factory pre-assembled
- Each load factory-labeled on the door sheet
- No programming required



Switches & Accessories



CHELSEA DIGITALSWITCH™ 1 TO 6 ENGRAVED BUTTONS (VARIOUS BUTTON COLORS AVAILABLE)

- Waterproof option available
- Rugged stainless steel construction
- LED blink and audible beep available



BRIGHTON DIGITALSWITCH

- 2, 4, 5, 6, 7 or 8 buttons
- Pre-engraved button kits
- LED blink options



KNIGHTSBRIDGE DIGITALSWITCH™

- 1 to 6 buttons or 1 to 6 rockers
- Available faceplate engraving
- Rugged stainless steel construction
- Button and night light LEDs



SWITCHBOLT™ DIGITALSWITCH

- 1 or 2 buttons per gang
- Waterproof option available
- Rugged stainless steel construction
- Status LED and audible beep available



KEY DIGITALSWITCH™

- Programmable 2 position switch
- Single engraved key input
- Rugged stainless steel construction
- LED night light



ROCKER DIGITALSWITCH™

- Programmable 2 position switch
- Traditional decorator look



OUTDOOR PHOTOCELL

- 14 trigger points
- Global control for multiple zones



3-WIRE LOCAL SLIMLINE PHOTOSENSOR

- 0.310 diameter footprint
- Available factory mounted in select Peerless™ fixtures



OCCUPANCY SENSOR

- Passive Infrared (PIR)
- Dual Tech: PIR/ Microphonics
- Adjustable time delay
- Global load control



SNAPLINK™ LATCHING RELAY

- 18,000 Amps SCCR @ 277V
- No energy is used to hold contacts, creating less heat
- UL 924 listed



SNAPLINK™ 2-POLE RELAY

- Ideal for 208/480 2-pole loads
- Normally closed relay



EMERGENCY SHUNT RELAY

- ETL listed to UL 924
- Normally open or normally closed



T-LINK™

- No battery required for power outage
- Built-in LED indicators
- Adjust local keypad range control
- Program heating/cooling levels



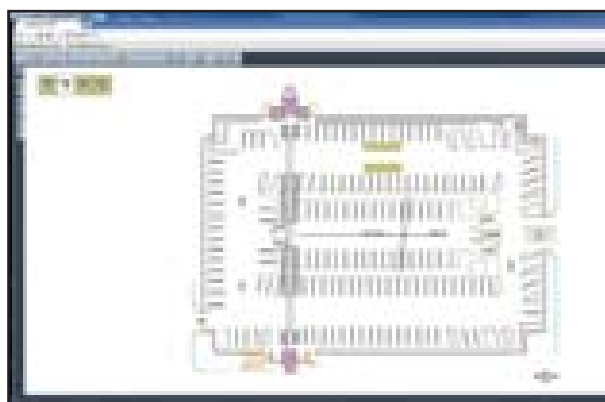
LINK-TO™ DEVICES

- BACnet IP/MSTP
- ModBus RS232/RS485
- Ethernet
- RS232/USB
- RS232/Ethernet/T-Link
- Digilink Contact Closure Input
- T-Link
- DMX



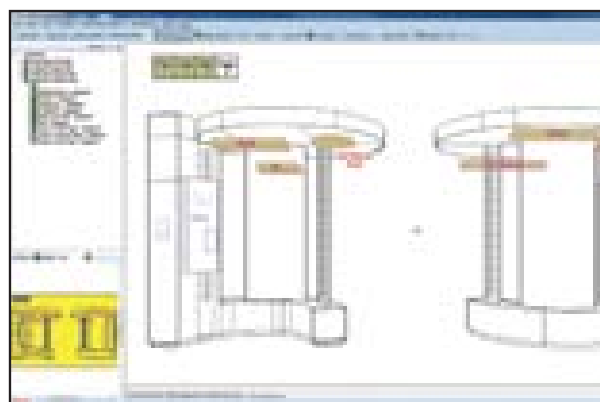
Software

Advanced Graphical Control: Pan and zoom, floor-plan based energy management software for control and real-time monitoring of wired/wireless lights, sensors and basic HVAC solutions.



Web Based Floor Plan

Unity GX2 Web allows floorplan control via any web browser.



PC Based Configuration

Unity GX2 PC allows PC based control, monitoring and configuration of controls, sensors, and schedules.

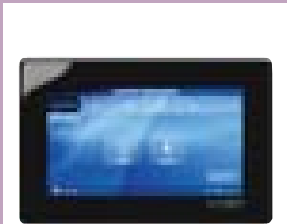
Features

- **Data logging** - Analyze energy usage (kWh) on time and number of strikes and cycles relative to a daily, weekly, monthly or user-defined time interval
- **Alarms** - Notification via software, email, or a signal to a third-party system when control point exceeds a specified number of daily/total run hours, number of strikes or if occupancy is detected during user-defined "Unoccupied Time"
- **Load shedding** - Quick activation of pre-defined load shedding scenarios
- **Regroup & Rezone lighting** - Customize zones, groups and time schedule for specific areas
- **Personalized interface** - Available with customer-specific graphics and page
- **Enhanced security** - Real-time occupancy information and access to IP cameras



AXION CONTROLS™

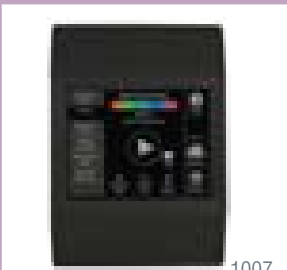
Axion Controls develops lighting controls for architectural spaces. Born in the digital lighting age, systems from Axion Controls feature engaging user interfaces that seamlessly manage performance and traditional luminaires. Powerful yet simple end-user controls allow theatrical lighting, architectural dimming and energy management strategies to be simultaneously deployed in the same space.



1003



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FRESCO™

Express yourself through light™

Fresco is an elegant, versatile lighting control system for architectural spaces. Fresco transforms the visual environment through enhanced digital control of traditional, color changing, tunable white and moving fixtures. Each touchscreen manages 36 zones and may be networked to control up to 288 zones.

FRESCO



Intended Use

Fresco is a touchscreen lighting control for dynamic spaces such as hotel ballrooms, conference rooms, museums, retail stores, houses of worship and restaurants. Each Fresco provides control and programming for a maximum of 36 zones. Up to eight Fresco stations can be networked for 288 zones of control.

Fresco's thin profile and clean design enhance many commercial settings. Its glass-to-the-edge refinement and aluminum frame are a robust and modern improvement to architectural lighting control. Fresco delivers seamless control of traditional line-voltage dimming, switching, 0-10V, DALI, nLight® and DMX for RGB, tunable white and moving fixtures.

Features

- Select and edit lighting scenes including intensity, color, color temperature and position for each zone
- 36 zones of control
- 288 maximum zones for a Fresco network
- Integral astronomic timeclock with battery backup for system scheduling
- Direct DMX control for one universe (512 slots)

- Automatic wake-up with proximity sensor
- Internal Bluetooth radio for wireless app control
- Partition status control and visualization
- Zone configurations: forward and reverse phase dimming, 0-10V, RGB, nLight® enabled luminaires, nLight power packs, DALI, tunable white and moving fixtures
- Digital motion sensor, daylight harvesting, RS-232, contact closure and wallstation input from nLight devices
- Compatible with Fresco LMP dimming and switching cabinets
- All device settings are stored on-board in non-volatile memory

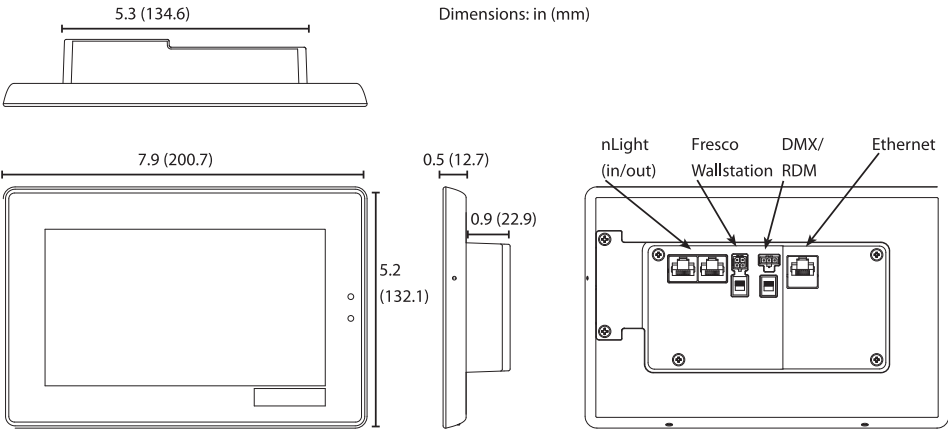
Listings

FCC Part 15.
IEC61000-4-2, +/-16kV air discharge.
ANSI E1.11-2008 DMX, ANSI E1.20-2006 RDM.
IEEE 802.15 Bluetooth.
IEEE 802.3 Ethernet.
RoHS compliant.

ORDERING INFORMATION		Specifications subject to change.		Example: FCS 7TSN XE DBL	
Series	Model	Options	Finish		
FCS Fresco Control System	7TSN 7" touchscreen with nLight port	X DMX/RDM control E Ethernet XE DMX/RDM control with Ethernet port	DBL Black DWH White DNA Natural aluminum		

ADDITIONAL INFORMATION For additional product information, visit www.axioncontrols.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (millimeters) unless otherwise noted.





LIGHTING MANAGEMENT PANEL

Fresco lighting management panels (LMP) provide dimming and switching control for any lighting load. Available as a rough-in enclosure or factory pre-wired with circuit breakers and main lugs, Fresco LMP is configured for site requirements.

PRODUCT INFORMATION

Intended Use

Lighting management panels for the Fresco control system (FCS LMP) provide dimming and switching control for any lighting load. Available as a rough-in enclosure or factory pre-wired with circuit breakers and main lugs, Fresco LMP is configured for site requirements.

Features

- Phase control dimming modules provide both forward and reverse phase dimming (LM 4A modules self-adapt based on load sensing)
- No minimum load on phase control dimming modules (LM 4A, LM 4D)

- Universal voltage operation (120 to 277V)
- Optimized design for modern solid state lighting control: adaptive phase modules, 0-10V dimming and DALI within one cabinet

Listings

UL Listed, cUL Listed.
ESD hardened, level 4: IEC61000-4-2, +/-8 kV contact.
DALI: IEC60929 Annex E.

LIGHTING MANAGEMENT PANEL



Module Count	Enclosure Size
1	Small
2	Small
3	Small
4	Medium
5	Medium
6	Medium
7	Large
8	Large
9	Large

ORDERING INFORMATION

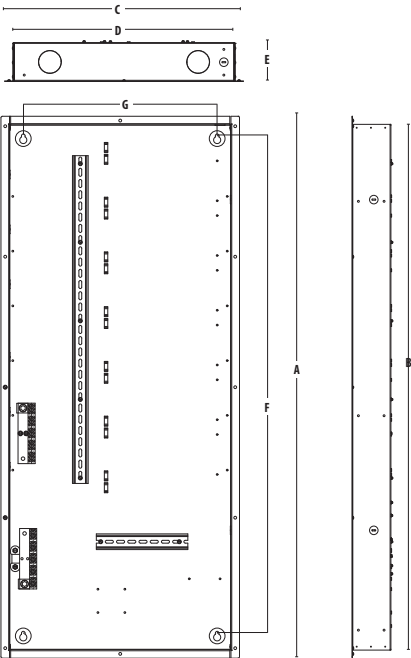
Specifications subject to change.

Example: FSC LMP 2A3L2R1B MVOLT 4ML 20A

Series		Module quantity and type	Voltage	Feed	Branch circuit breaker rating
FCS LMP	Fresco Control System Lighting management panel	___A: LM 4A (Ø adaptive) module count	MVOLT	FT Feed through	20A 16A continuous rating at 120V ¹
		___D: LM 4D (Ø select) module count		4ML 4 wire main lug, 3Ø A, B, C, Neutral	16A 12A continuous rating
FCS LMPE	Fresco Control System Lighting management panel with UL 924 device	___L: LM 4L (0-10V) module count		3ML 3 wire main lug, 2Ø A, B, Neutral	
		___R: LM 4R (relay) module count			
		___B: LM 2B (DALI) module count			

ADDITIONAL INFORMATION

For additional product information, visit www.axioncontrols.com



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PANEL SIZE			
DIMENSION	SMALL	MEDIUM	LARGE
A	32-5/8 (82.9)	47-1/2 (120.7)	61-3/8 (155.9)
B	31-3/16 (79.2)	46-1/8 (117.2)	60 (152.4)
C	20-5/16 (51.6)	20-5/16 (51.6)	20-5/16 (51.6)
D	19-1/2 (49.5)	19-1/2 (49.5)	19-1/2 (49.5)
E	3-3/8 (8.6)	3-3/8 (8.6)	3-3/8 (8.6)
F	28-11/16 (72.9)	43-5/8 (110.8)	57-1/2 (146.1)
G	17 (43.2)	17 (43.2)	17 (43.2)

Notes
1 16A circuit breakers have a 65 kAIC series rating when used with available main circuit breaker.



EASYL™

Dynamic color made easy™

Easyl commands RGB luminaires to create style and visual impact through color and color-changing lighting. The on-screen lighting playlist and intuitive user interface make recalling and adjusting lighting shows incredibly easy and fun. Easyl wallstations are available for multi-location show activation.

Intended Use

Easyl is a DMX512 controller featuring an LCD touchscreen. Easyl's powerfully simple interface enables intuitive control of an entire universe (512 channels) of color-changing luminaires. Preprogrammed shows with static and color-changing effects simplify initial setup and provide a great starting point for customization. Easyl provides design, edit, store and recall functions for a maximum of 12 shows, and features quick adjust intensity and speed sliders. Easyl controls LED luminaires that are DMX512-A compliant, including those with RDM functionality.

Features

- Modern aesthetic that installs in a single gang box

- Full-color LCD touchscreen
- User-defined programs and naming
- Customizable settings for screen brightness, access control passcodes, and screensaver image
- Master intensity and playback speed adjustment
- Power failure memory
- Integrated help screens

Listings

UL/cUL Listed and Plenum Rated.

EASYL



ORDERING INFORMATION

Specifications subject to change.

Example: EZSOLO WH 120/277

Series		Finish		Supply voltage	
EZSOLO	Entry level, stand-alone DMX controller	WH	White	120/277	120 or 277 VAC
EZTOUCH	Mid level, functions with EZ RB button stations, features timeclock	BK	Black	347	347 VAC
EZPRO	Pro level, functions with EZ RB stations, features timeclock and configuration software				

ADDITIONAL INFORMATION

For additional product information, visit www.axioncontrols.com

EASYL FEATURES	SOLO	TOUCH	PRO
Preprogrammed shows, rainbow feature, chase feature	Yes	Yes	Yes
On-screen manual color select with favorites store and recall	Yes	Yes	Yes
On-screen master intensity slider	Yes	Yes	Yes
On-screen master speed control slider	Yes	Yes	Yes
Compatible with DMX512 and RDM fixtures	Yes	Yes	Yes
Configurable on-screen logo and screen saver	Yes	Yes	Yes
Edit all shows through LCD interface	Yes	Yes	
Basic show editing through LCD (complex features accessible in software through internal USB port)			Yes
Stand-alone only, no remote stations	Yes		
Operates with EZ RB 1-9 button wallstations		Yes	Yes
Astronomic time clock (play show, set color, turn off, last command takes precedence)		Yes	
Astronomic time clock with advanced control (play show, set color, remote touchscreen or wallstation disable)			Yes
Computer-based software for multi-area show creation (Easyl™ Studio)			Yes
Allow temporary "override" and return to previously playing show			Yes



SYNERGY® LIGHTING CONTROLS

Synergy Lighting Controls is a premier manufacturer of native BACnet® lighting controls and architectural dimming systems. Synergy products are used in office buildings, churches, theaters, arenas/sporting complexes, airports, K-12 schools, college campuses and manufacturing/industrial facilities.

At the heart of our portfolio is a steadfast commitment to the development and application of innovative lighting control technologies that improve lighting quality and economics and enhance the overall environment through reduced energy consumption.



1012



1017



1019



1021



1025



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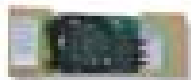
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ONE SYSTEM... INFINITE POSSIBILITIES

POWER MODULE OPTIONS

May be combined within the same enclosure to meet job site requirements.



DALI CONTROL MODULE

Network controllers and power supplies for three DALI networks.



RELAYS WITH BREAKERS

Similar to relay module, with either six 120V, four 277V or four 347V branch circuit breakers.



DIMMER MODULE

Six universal load digital dimmers suitable for 120V or 277V incandescent, fluorescent, low-voltage, neon, cold cathode and non-dim loads.



TAP FEED LUG OPTION

Allows several Synergy enclosures to share a single main feed up to 400A, three phase.

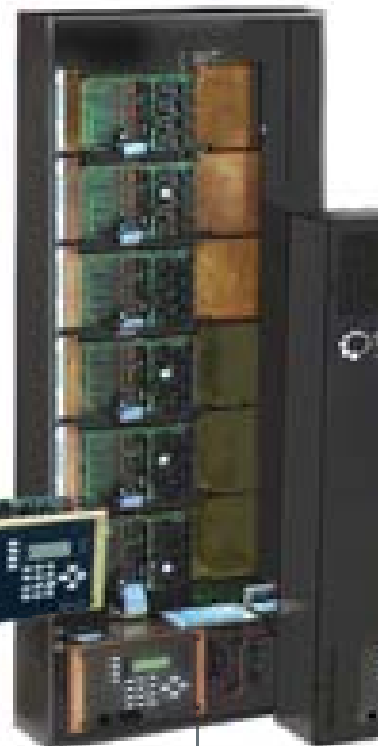


BALLAST CONTROL MODULE

Eight channels of 0-10V DC dimming with integrated 20A relays for four-wire dimming ballasts. Available with 120V, 277V and 347V circuit breakers.

MULTI-POLE RELAYS

Up to four 30A contactors with either two or four poles each.



SYSTEM CONTROLLER

Provides local user interface, scheduling and control functions. Available in stand-alone (MLS) or networked (MLX).



DMX THEATRICAL CONTROL
(Optional)



TELEPHONE INTERFACE
(Optional)



RS232 INTERFACE
Local A/V system.
(Optional)



LAPTOP CONNECTION
For programming and operation.

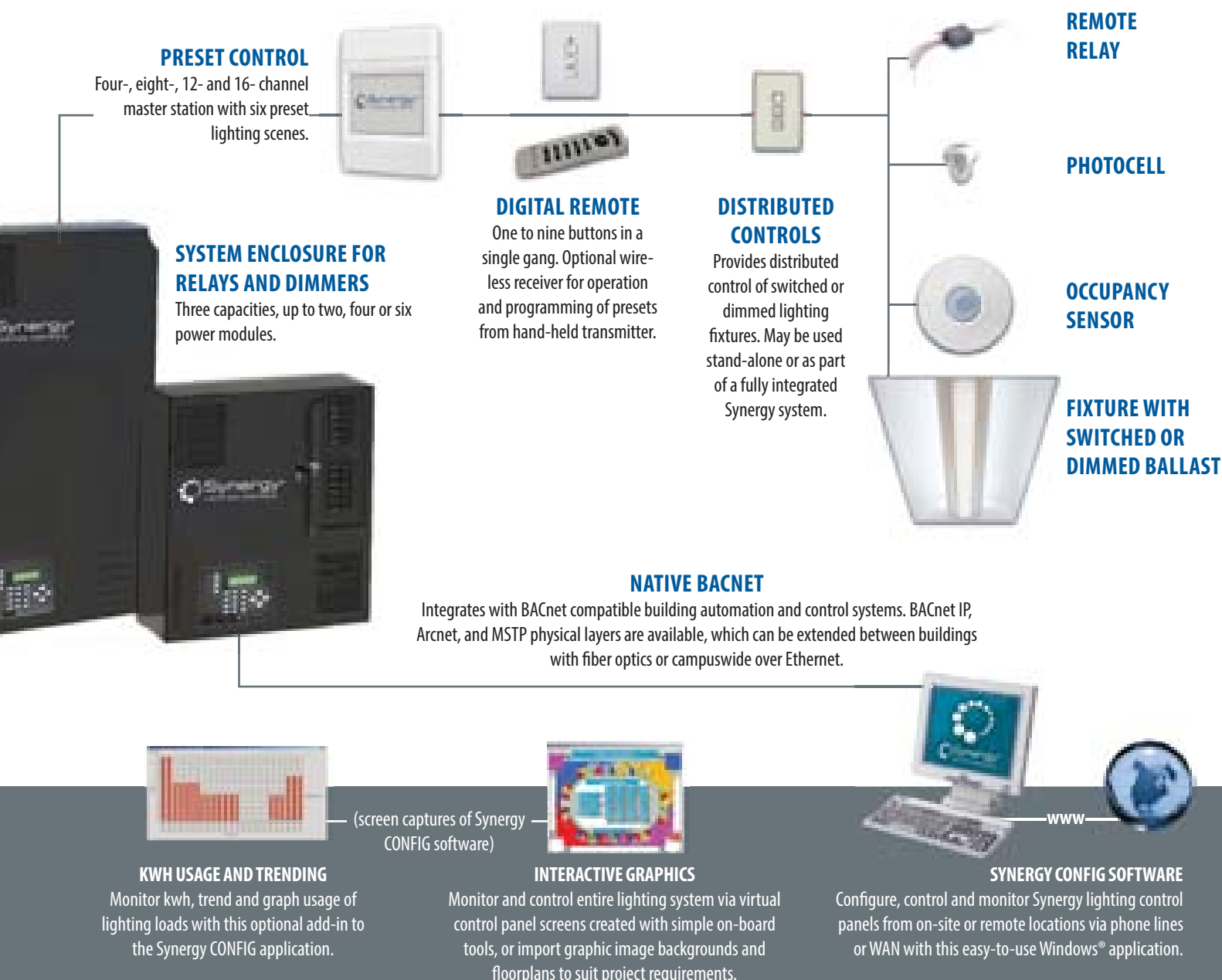


CONTROLLABLE BREAKER

Provides individual control of each circuit breaker and works with all standard Synergy controller and user interface options.

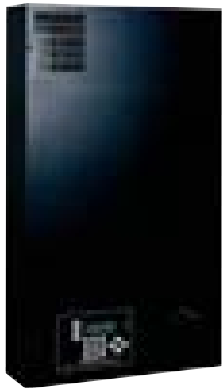
The Synergy® lighting control system offers flexible and scalable solutions that satisfy the requirements of both owners and occupants. The Synergy system integrates all aspects of lighting control, including low-voltage switching, architectural dimming, occupancy sensing and daylight harvesting into a single platform. A native BACnet® network allows Synergy to seamlessly integrate with Building Automation Systems (BAS).

- Flexible Control Choices
- Customized Functionality
- Maximum Expandability
- Maximum Energy Savings
- Energy Code Compliant
- Architectural Dimming
- Distributed Control
- Low-Voltage Switching
- Controllable Circuit Breakers
- Daylighting Controls



SY

Synergy® System



Intended Use

A unique lighting control system that integrates all aspects of lighting control into a single-system platform. Combines architectural dimming, low-voltage switching, lighting automation and energy management functions into a single, scalable package capable of meeting the requirements of virtually any lighting control application.

Features

- Combines the most popular aspects of lighting automation with full-featured low-voltage switching and architectural dimming functions
- Switching and dimming functions may be controlled manually or scheduled on a weekly or calendar date basis
- Functions may be set up using the integral LCD alphanumeric display and keypad or through the use of a personal computer with optional SYSW CONFIG software
- Panels can operate individually as stand-alone lighting controllers or optionally in a network configuration with a distributed intelligence

- A choice of system controllers allows customization to best meet the requirements and budget of each project
- Synergy systems utilizing the MLX controller are native BACnet® lighting control devices, providing easy, seamless integration with other native BACnet building automation systems without the need for gateways or other clumsy network interfaces
- Provides capacity for a maximum of 48 relays or 30 dimmers per enclosure
- Enclosures can operate in a master/secondary configuration, providing control of up to 96 outputs from a single controller
- Relays and dimmers are each rated for control of one lighting circuit at the listed voltage

Listings

UL Listed to U.S. and Canadian safety standards. California Title 24 Certified.

ORDERING INFORMATION

Specifications subject to change.

Example: SYELB 16RB1 18DB1 MLX NBAR DMX

Series	Output-input quantity/type ¹		
SYES Small enclosure, two modules maximum	_DB1 Qty. 120V, 2KW dimmers with six 20A circuit breakers, six dimmers per module	_RB4 Qty. single pole, 120/230/277/347V 30A relays, four 277V - 15A circuit breakers, eight relays per module, low-voltage inputs provided	
SYEM Medium enclosure, four modules maximum	_DB2 Qty. 277V, 3.5KW dimmers with four 20A circuit breakers, six dimmers per module		
SYEL Large enclosure, six modules maximum	_DB3 Qty. 120V, 1.5KW dimmers with six 15A circuit breakers, six dimmers per module	_RB5 Qty. single pole, 120/230/277/347V 30A relays, four 347V - 20A circuit breakers, eight relays per module, low-voltage inputs provided	
SYESB Small enclosure with breaker door, two modules maximum	_DB4 Qty. 277V, 3.3KW dimmers with four 15A circuit breakers, six dimmers per module	_RB6 Qty. single pole, 120/230/277/347V 30A relays, four 347V - 15A circuit breakers, eight relays per module, low-voltage inputs provided	
SYESB Small enclosure with breaker door, two modules maximum	_DB5 Qty. 120V, 2KW dimmers with four 20A - 64K AIC circuit breakers, six dimmers per module	_RDSO Qty. single pole, 120/230/277/347V 30A relays, eight relays per module, no low-voltage inputs	
SYEMB Medium enclosure with breaker door, four modules maximum	_L Qty. single pole, 120/230/277/347V 30A relays, eight relays per module, low-voltage inputs provided	_RB1DSO Qty. single pole, 120/230/277/347V 30A relays, six 120V - 20A circuit breakers, eight relays per module, no low-voltage inputs	
SYELB Large enclosure with breaker door, six modules maximum	_RB1 Qty. single pole, 120/230/277/347V 30A relays, six 120V - 20A circuit breakers, eight relays per module, low-voltage inputs provided	_RB2DSO Qty. single pole, 120/230/277/347V 30A relays, four 277V - 20A circuit breakers, eight relays per module, no low-voltage inputs	
	_RB2 Qty. single pole, 120/230/277/347V 30A relays, four 277V - 20A circuit breakers, eight relays per module, low-voltage inputs provided	_RB3DSO Qty. single pole, 120/230/277/347V 30A relays, six 120V - 15A circuit breakers, eight relays per module, no low-voltage inputs	
	_RB3 Qty. single pole, 120/230/277/347V 30A relays, six 120V - 15A circuit breakers, eight relays per module, low-voltage inputs provided		

Output-input quantity/type (continued) ¹	Controller type	Main feed options	Options
_RB4DSO Qty. single pole, 120/230/277/347V 30A relays, four 277V - 15A circuits, eight relays per module, no low-voltage inputs	MLX Network controller	(blank) No tap feed lugs, no main breaker	(blank) Panel ships as components consisting of enclosure, power modules and controller
_RB5DSO Qty. single pole, 120/230/277/347V 30A relays, four 347V - 20A circuit breakers, eight relays per module, no low-voltage inputs	MLS Stand-alone controller	ML Tap-feed lugs for powering up to four cabinets from a single main feed. Requires two module positions. Requires power modules with circuit breakers.	DMX Dimming interface required for connection to DMX512 control
_RB6DSO Qty. single pole, 120/230/277/347V 30A relays, four 347V - 15A circuit breakers, eight relays per module, no low-voltage inputs	SCP Secondary panel, less controller	MB Main breaker, 3 pole, specify number of amps	PHONE Telephone interface for voice-prompted override and remote modem access (requires ISA option)
_CB1 Qty. 120V constant breakers, six breakers per module		NBAR 42-circuit neutral bar	LEGACY Allows control of legacy MininPac®, Sequel® and MaxStar® dimmer cabinets
_CB2 Qty. 277V constant breakers, four breakers per module			
_SSBC DALI module with power supply and controller for three-DALI loops			

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES

ORDER SEPARATELY

SYA SRE	Recess kit for small enclosures
SYA MRE	Recess kit for medium enclosures
SYA LRE	Recess kit for large enclosures
SYNERGY DRAWINGS	Synergy project installation drawings

Notes

¹ Specify quantity in blank.

Intended Use

Provides housing and electrical support for the relay power modules, dimmer power modules, and system controller in a Synergy® lighting control application.

Features

- Shipped from factory in three sizes, accommodating either two, four or six power modules
- Fabricated from cold rolled steel, designed for surface wall mounting and carry a NEMA 1 electrical rating
- Optional recessed mounting kit permits the enclosure to be flush mounted in a 6" thick wall
- All enclosures are shipped with a factory-installed power supply with input terminals provided for either 120V, 240V or 277V supply voltage

- Enclosures intended for use with dimmer modules are supplied with an internal thermostatically controlled cooling fan and a cover with hinged locking door to cover the power module mounted circuit breakers
- Variety of main lug, neutral bar and main breaker options are available to configure Synergy as a busfed three-phase dimming/switching panel

Listings

UL Listed to U.S. and Canadian safety standards.

SYE

Enclosures

**ORDERING INFORMATION**

Specifications subject to change.

Example: SYEM 120/277

Series	Voltage
SYES Small enclosure; two power module spaces. No circuit breaker door.	120/277 120/230/277V, 50Hz or 60Hz operation
SYEM Medium enclosure; four power module spaces. No circuit breaker door.	
SYEL Large enclosure; six power module spaces. No circuit breaker door.	
SYESB Small enclosure; two power module spaces. Provision for circuit breakers. ¹	
SYEMB Medium enclosure; four power module spaces. Provision for circuit breakers.	
SYELB Large enclosure; six power module spaces. Provision for circuit breakers.	

ADDITIONAL INFORMATION

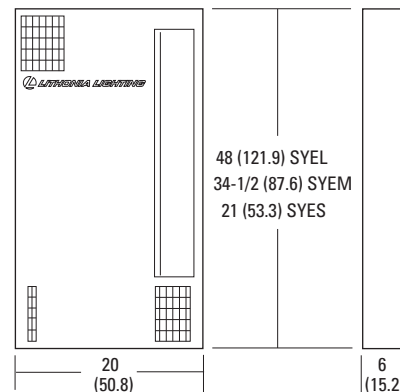
For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES	
ORDER SEPARATELY	
SYA SRE	Recess kit for small enclosures
SYA MRE	Recess kit for medium enclosures
SYA LRE	Recess kit for large enclosures
SYPMB NBAR	Neutral bar assembly. Requires one module space (see page 1015).
SYPMB MB_NBAR	Main breaker assembly with neutral bar, 3-pole. Specify capacity in amps (30, 40, 50, 60, 70, 80, 90, 100). Requires one module space (see page 1015).
SYPMB ML	Main lug assembly, 3 position. Requires SYPMB MN (see page 1015).
SYPMB MB_ML	Main breaker assembly with main lug. Specify capacity in amps (30, 40, 50, 60, 70, 80, 90, 100). Requires one module space (see page 1015).

SHIPPING WEIGHT	
Small enclosure	30 lbs. (14 kg)
Medium enclosure	40 lbs. (18 kg)
Large enclosure	50 lbs. (23 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

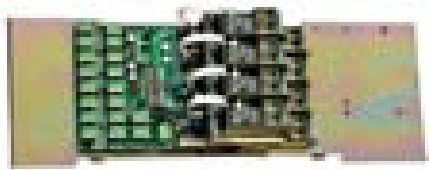
Add 1-1/2" (3.8) to height and width for recessed version.

**Notes**

¹ Maximum one dimmer module.

SYPM 8L

Relay Module



Intended Use

Used in conjunction with system enclosure and controller to provide manual and automatic on/off control of all types of lighting loads, and 0-10V dimming control of compatible four-wire fluorescent and non-dim loads. Combine with other Synergy® system SYPM power modules to create a complete integrated lighting control solution for any application.

Features

- Eight 30A relays for 120V, 230V, 277V, and 347V applications
- Optional 15A or 20A branch circuit breakers
- Unique zero-cross switching technology minimizes destructive effects of switching large high-inrush loads (electronic fluorescent and HID)
- Pilot light output for each relay standard

- Eight low-voltage contact switch inputs and two analog inputs for photocells
- All inputs fully configurable through the use of a system controller to work with variety of input devices and control any combination of system relays and dimmers
- Once configured, all module settings are stored locally and the module will continue to operate in fail-safe mode, even if the system controller is removed from the system
- DSO option removes all low-voltage, analog, and contact closure inputs for applications where only digital control using Synergy digital stations is required and 1-10V dimming is not needed

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SYPM 8L

Series	Type	Circuit breakers
SYPM	Module for use with external circuit breakers	(blank) No circuit breakers
SYPMB	Module with circuit breakers	B1 Six 20A, 120V, 10KAIC breakers
		B2 Four 20A, 277V, 14KAIC breakers
		B3 Six 15A, 120V, 10KAIC breakers
		B4 Four 15A, 277V, 14KAIC breakers
		B5 Four 20A, 347V, 14KAIC breakers
		B6 Four 15A, 347V, 14KAIC breakers

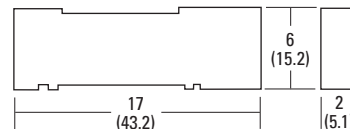
ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

SHIPPING WEIGHT

Without breakers	4 lbs. (1.9 kg)
With breakers	9 lbs. (4.1 kg)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



PRODUCT INFORMATION

SYPMB 6D

Line-Voltage Dimmer Module



Intended Use

Used in conjunction with system enclosure and controller to provide manual and automatic on/off and line-voltage dimming control of a wide variety of lighting loads. Combine with other Synergy® system SYPM power modules to create a complete integrated lighting control solution for any application.

Features

- Six 20A line-voltage dimmers with integral 15A or 20A circuit breakers. Available for 120V, 230V, and 277V applications
- Each dimmer equipped with an air-gap relay and an architectural-grade toroidal filter
- All digital design ensures smooth, dependable performance without field calibration

- Unique combination of analog circuitry and digital signal processing techniques minimize effects of poor power quality and prevent noticeable flicker and drift
- Individual dimmer response curves are field configurable to accommodate most lamp and ballast types via the system controller
- Once configured, all module settings are stored locally and the module will continue to operate in fail-safe mode, even if the system controller is removed from the system

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SYPMB 6DB1

Series	Dimmers/Circuit breakers/voltage												
SYPMB	<table> <tr> <th>Dimmers</th><th>Circuit breakers/ voltage</th></tr> <tr> <td>6D Six dimmers per module</td><td>B1 Six integral 20A, 120V, 2 KW dimmers w/ 10KAIC breakers</td></tr> <tr> <td></td><td>B2 Four integral 20A, 277V, 3.5 KW dimmers w/ 14KAIC breakers</td></tr> <tr> <td></td><td>B3 Six integral 15A, 120V, 1.5 KW dimmers w/ 10KAIC breakers</td></tr> <tr> <td></td><td>B4 Four integral 15A, 277V, 3.3 KW dimmers w/ 14KAIC breakers</td></tr> <tr> <td></td><td>B5 Four integral 20A, 120V, 2 KW dimmers w/ 65KAIC breakers</td></tr> </table>	Dimmers	Circuit breakers/ voltage	6D Six dimmers per module	B1 Six integral 20A, 120V, 2 KW dimmers w/ 10KAIC breakers		B2 Four integral 20A, 277V, 3.5 KW dimmers w/ 14KAIC breakers		B3 Six integral 15A, 120V, 1.5 KW dimmers w/ 10KAIC breakers		B4 Four integral 15A, 277V, 3.3 KW dimmers w/ 14KAIC breakers		B5 Four integral 20A, 120V, 2 KW dimmers w/ 65KAIC breakers
Dimmers	Circuit breakers/ voltage												
6D Six dimmers per module	B1 Six integral 20A, 120V, 2 KW dimmers w/ 10KAIC breakers												
	B2 Four integral 20A, 277V, 3.5 KW dimmers w/ 14KAIC breakers												
	B3 Six integral 15A, 120V, 1.5 KW dimmers w/ 10KAIC breakers												
	B4 Four integral 15A, 277V, 3.3 KW dimmers w/ 14KAIC breakers												
	B5 Four integral 20A, 120V, 2 KW dimmers w/ 65KAIC breakers												

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

SHIPPING WEIGHT

22 lbs. (10 kg)

Intended Use

Used in conjunction with system enclosure and power modules equipped with branch circuit breakers to facilitate connection of an individual Synergy® cabinet to a three-phase, three-wire main feed.

Features

- 42-circuit neutral bar rated for a #6 to 2/0 AWG main feed and #14 to #4 AWG branch neutral conductors. Neutral bar can be used in 120V, 277V, or 347V applications

- Optional main breaker available in capacities up to 100A. Rated for 10V/240V, 120V/208V and 277V/480V feeds and conductor sizes up to 2/0 AWG

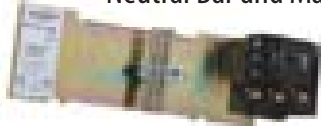
Listings

UL Listed to U.S. and Canadian safety standards.

SYPMB NBAR

SYPMB MB_NBAR

Neutral Bar and Main Breaker Modules

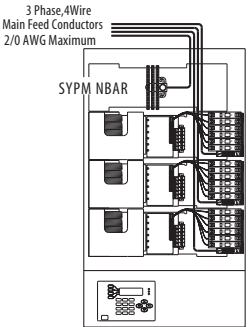


Example: SYPMB NBAR

ORDERING INFORMATION		
Specifications subject to change.		
Series	Main breaker	Neutral bar
SYPMB ¹	(blank) No main breaker MB Main breaker, 3 pole, specify capacity in amps : 30, 40, 50, 60, 70, 80, 90 or 100	NBAR 42-circuit neutral bar

ADDITIONAL INFORMATION	
For additional product information, visit www.synergylightingcontrols.com .	

Drawing shows typical wiring only. Refer to product documentation for specific wiring details.



18 Dimmer, 3 Phase, 4 Wire Example

Notes

- Requires SYE enclosure and SYSC MLS or MLX controller.

PRODUCT INFORMATION

Intended Use

Used in conjunction with system enclosures and power modules equipped with integrated branch circuit breakers to facilitate connection of up to four Synergy® cabinets to a single three-phase, four wire or single-phase, three-wire main feed.

Features

- ML Modules include three-position power distribution block and optional main breaker
- MN modules include single-position power distribution block and 42-circuit neutral bar

- All distribution positions include one main lug rated for a single #4 AWG to 500 kcmil conductor and four tap lugs rated for a single #14 to 2/0 AWG conductor each
- One ML module and one MN module required for each application
- All units rated for 120V/240V, 120V/208V and 277V/480V applications

Listings

- UL Listed to U.S. and Canadian safety standards.

SYPMB ML

SYPMB MB_ML

SYPMB MN

Tap Feed Power Modules



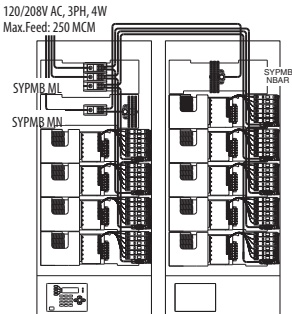
Example: SYPMB ML

ORDERING INFORMATION		
Specifications subject to change.		
Series	Main breaker	Distribution lugs
SYPMB ¹	(blank) No main breaker MB Main breaker, 3 pole, specify capacity in amps: 30, 40, 50, 60, 70, 80, 90 or 100	ML Phase conductor tap feed lugs, 3 position MN Neutral conductor tap feed lug with 42-circuit neutral bar

ADDITIONAL INFORMATION	
For additional product information, visit www.synergylightingcontrols.com .	

SHIPPING WEIGHT	
Without main breaker	4 lbs. (1.8 kg)
With main breaker	8 lbs. (3.6 kg)

Drawing shows typical wiring only. Refer to product documentation for specific wiring details.



54 Dimmer, Phase, 4 Wire Tap Feed Example

Notes

- Requires SYE enclosure and SYSC MLS or MLX controller.

SYA 2POLE SYA 3POLE SYA 4POLE

Multi-Pole Contactor



Intended Use

Synergy® two-, three- and four-pole lighting contactors install in a Synergy enclosure via the SYPM PLATE mounting plate accessory and provide integral control of multi-phase lighting loads.

Features

- Field replaceable contacts and coils
- 25A contact rating (2POLE version)
- 60A contact rating (3POLE version)
- 30A contact rating (4POLE version)

- Suitable for 120V/208V, 120V/240V or 277V/480V branch circuit control
- Up to four contactors can be installed per SYPM PLATE
- One relay from an AUPM 8R, SYPM 8H, or SYPM85 power module required to control contactor for each lighting load controlled

Listings

UL recognized components, CSA Certified.

ORDERING INFORMATION

Specifications subject to change.

Example: SYA 4POLE 120

Series	Contactors ¹	Voltage
SYA	2POLE 2 poles, 25A contacts	120 120V
	3POLE 3 poles, 60A contacts	277 277V
	4POLE 4 poles, 30A contacts	

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES

ORDER SEPARATELY

SYPM PLATE Mounting plate for multi-pole contactors. Maximum of four contactors can be mounted per SYPM PLATE.

Notes

- 1 One or more relays from an SYPM 8L power module will be required to control the contactor coil(s).

PRODUCT INFORMATION

S5BC

DALI Fluorescent Control Power Module



Intended Use

Used in conjunction with system enclosure and SYSC MLX controller to provide manual and automatic control of compatible devices on a DALI network. Combine with other Synergy system SYPM power modules to create a complete integrated lighting control solution.

Features

- Includes network controllers and power suppliers for three DALI networks (loops) of up to 64 devices each

- Connected DALI devices may be configured via the Synergy system controller for status monitoring and prioritized control by any Synergy user interface, timeclock schedule, or graphical workstation

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: S5BC

Series
S5BC Network controller and power supply for three DALI loops ¹

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

SHIPPING WEIGHT

4 lbs. (1.8 kg)

Notes

- 1 Requires SYE enclosure and SYSC MLS or MLX controller.

SYBP

Intended Use

Ideal for applications requiring circuit level remote control or lighting automation. Combines the powerful capabilities of the Synergy® lighting control system with the familiar footprint of a standard circuit breaker panel. This unique concept provides fully automated lighting control without the need to install both a relay panel and a branch circuit breaker panel. Also requires less wall space and will often provide a lower installed cost.

Features

- Using integral astronomic clock capability, lighting can be fully automated to conform to a rotating seven-day schedule
- Astronomic feature provides dusk/dawn operation, eliminating the need for photocells
- Holiday schedule allows entry of up to 32 periods
- Blink-warn feature can blink lights automatically prior to a scheduled off

- Use Synergy digital remote wall stations or distributed controllers to provide manual control of any combination of breakers, and to override scheduled events
- Each wallstation can provide up to nine buttons with integral LED status indicators
- A single four-wire cable is all that is required for connections of up to 60 digital wallstations or distributed controllers
- Optional switch input card also allows the use of traditional low-voltage switches and other dry contact closure inputs
- SYBPC MLX panels can be networked together, and with other Synergy switching and dimming panels to form a building-wide integrated lighting control system
- Networked systems offer the flexibility of centralized control, monitoring, and programming via a PC and the SYSW CONFIG software
- Compatible with non-controllable circuit breakers

Listings

UL Listed to U.S. and Canadian safety standards.



Example: SYBP42 P2 225 ML B SS MLX PHONE

ORDERING INFORMATION		Specifications subject to change.		Example: SYBP42 P2 225 ML B SS MLX PHON	
Series		Voltage	Maximum rating	Main feed options ²	Mounting
SYBP18	18-pole capacity ¹	P1 120V/208V	100 100A	ML Main lug	T Top feed
SYBP30	30-pole capacity ¹	P2 277V/480V	225 225A	MB100 100A main breaker	B Bottom feed
SYBP42	42-pole capacity ¹		400 400A	MB225 225A main breaker	
				MB400 400A main breaker	
Door		Controller	Options		
SS	Standard surface	MLX Network system controller	DMX	Interface for connection to DMX512 control ³	
SF	Standard flush	MLS Stand-alone system controller	PHONE	Telephone interface ⁴	
		SCP Secondary panel, less controller	LVIN	Sixteen low-voltage switches and one analog input	
			HFD	Series-rated main breaker for use with GHB or GHBQRSP branch circuit breakers to achieve 65K AIC rating	

ADDITIONAL INFORMATION

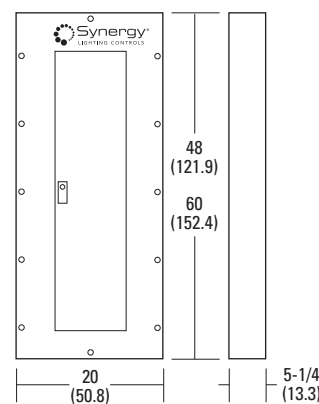
For additional product information, visit www.synergylightingcontrols.com.

BRANCH CIRCUIT BREAKERS			
ORDER SEPARATELY			
CONTROLLABLE BREAKERS		STANDARD BREAKERS (NON-CONTROLLABLE)	
SYBPB BABRS1020	120V, 20A, 1 POLE	SYBPB BAB1020	120V, 20A, 1 POLE
SYBPB BABRS1030	120V, 30A, 1 POLE	SYBPB BAB1030	120V, 30A, 1 POLE
SYBPB BABRS2020	120V, 20A, 2 POLE	SYBPB BAB2020	120V, 20A, 2 POLE
SYBPB BABRS2030	120V, 30A, 2 POLE	SYBPB BAB2030	120V, 30A, 2 POLE
SYBPB GHQRSP1020	277V, 20A, 1 POLE	SYBPB GHB1020	277V, 20A, 1 POLE
SYBPB GHQRSP2020	277V, 20A, 2 POLE	SYBPB GHB1030	277V, 30A, 1 POLE
SYBPB GHQRSP1030	277V, 30A, 1 POLE	SYBPB GHB2020	277V, 20A, 2 POLE
SYBPB QRSP2030	277V, 30A, 2 POLE	SYBPB GHB2030	277V, 30A, 2 POLE

NOTE: Consult factory for additional standard (non-controllable) breaker sizes.

CONTROLLER COMPARISON		
SYSTEM FUNCTION	SYBPC MLS CONTROLLER	SYBPC MLX CONTROLLER
Controllable breaker capacity	42 in cabinet, 126 w/ secondary	42 in cabinet, 126 w/ secondary
Dimmer capacity	60 total w/ secondary cabinets	60 total w/ secondary cabinets
DMX512 input	DMX channel-to-output configured via controller software	DMX channel-to-output configured via controller software
Scheduling	100 schedules/unlimited events	100 schedules/unlimited events
Analog input	1	1
PC support	Yes	Yes
Script logic	Yes	Yes
Logging	Yes	Yes
Priority logic	Yes	Yes
Network	No	Yes
Telephone override	Yes, optional	Yes, optional
BACnet®	No	Yes
RS232	Yes	Yes
Modem	Yes, optional	Yes, optional
Sequel stations	Yes	Yes
Digital remotes	Yes	Yes

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Order branch circuit breakers separately. See branch circuit breakers table.
- 2 Consult factory for additional main breaker selections and interrupt ratings.
- 3 For house lighting control only.
- 4 Not available with SCP controllers.

SYSC



Intended Use

Mounts in a Synergy® SYE enclosure. Provides user interface, display, clock, and programmable logic for a Synergy lighting control system enclosure and a means to set up lighting control functions, including manual switching, manual and preset dimming, schedules, astronomic time control, photocell switching, and daylighting.

Features

- Constructed as plug-in chassis to enhance initial installation and serviceability
- Used to set up and save operational features of the system
- Provides support for external control devices: SQCS Architectural Preset Control Station, SYRS Digital Remote Wallstation, SYRS EXT 0-10VDC Wallstation Distributed Controller, SYRS EXTDS Bi-level Distributed Controller and DEQ LC Distributed Controller
- User interface is designed for simple operation using the soft key format popular on automated teller machines
- Large back-lit display provides text-based prompting and feedback for menu navigation as well as status, diagnostic information and alarms
- Astronomic feature built into Synergy's internal clock will calculate sunrise and sunset times for use in lighting schedules
- The controller can also read values from accessory photocells and provide automatic switching or dimming of lighting based on the ambient light level
- SYSC BACGATE DMX: Adds the ability to monitor and override third-party lighting control equipment from a Synergy system. Typically used in retrofit applications to allow Synergy's state-of-the-art graphical interface software or scheduling capabilities to be used with a previously installed system
- The SYSC BACGATE Network with SYSC MLX controllers is a BACnet® compliant device, requires only one interface per system, requires and mounts directly into a dedicated SYES 120/277 enclosure and requires a factory-authorized start-up

ORDERING INFORMATION

Specifications subject to change.

Example: SYSC MLX

Series		Controller ²	Options
SYSC	System controller for Synergy panels	MLS Stand-alone system controller ²	ISA Three 16-bit ISA expansion slots ²
SYSC BACGATE DMX	Network gateway for third-party systems ¹	MLX Network system controller ²	PHONE Telephone interface for voice-prompted override and remote modem access (requires ISA option) ²
			DMX Theatrical dimming interface, required for connection to DMX512 control signal ³
			LEGACY Allows control of one complete network (255 dimmers) of legacy MiniPac®, Sequel® and MaxStar® dimmer cabinets. Replaces master controller on existing systems. ²
			RS2324P Four-port RS-232 expansion card ²

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

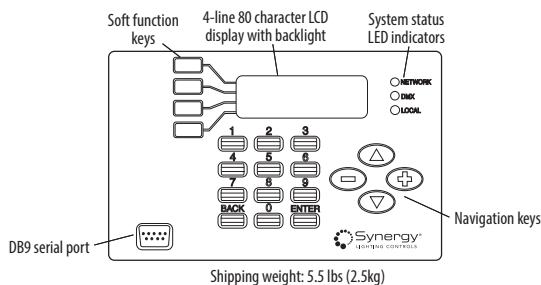
FEATURES SELECTION MATRIX

SYSTEM FUNCTION	MLC CONTROLLER	MLX CONTROLLER
Relay Capacity (No breakers)	48	48 (96 total with secondary cabinet)
Relay Capacity (With breakers)	40	40 (80 total with secondary cabinet)
Dimmer Capacity	30	30 (60 total with secondary cabinet)
DMX512 Input	DMX channel-to-output configured via hardware settings	DMX channel-to-output configured via controller software
Scheduling	11 schedules, 99 events	100 schedules, unlimited events
Analog Inputs	Yes	Yes
PC Support	Yes	Yes
Script Logic	No	Yes
Logging	No	Yes
Priority Logic	No	Yes
Ethernet Network	No	Yes
ARCNET Network	No	Yes
Telephone Override	No	Yes, optional
BACnet®	No	Yes
RS232	Yes	Yes
Modem	Yes, optional	Yes, optional
Sequel® Stations	Yes	Yes
Legacy Dimmers	No	Yes, optional
Digital Remotes	Yes	Yes

ACCESSORIES

ORDER SEPARATELY

SYA SKIT	Permits two SYE enclosures to operate with a single MLX or MLS controller.
SYSW CONFIG	Windows® configuration software and cable (page 1020).
SYA CABLEA4	Class 2, four-conductor, plenum-rated network cable (page 1022).
SYA CABLES2	Lithonia plenum-rated RS485 network cable (page 1022).
SYA SKIT DMX	Provides DMX only operation of local Synergy loads. (No local MLX or MLS controller.)
SYA M1 ARC FST	Fiber optic hub to connect one EIA-485 twisted pair and one duplex fiber optic segment. MLX only.
SYA M1 ARC FST 2	Fiber optic hub to connect one EIA-485 twisted pair and two duplex fiber optic segments. MLX only.
SYA ETHERNET SWITCH 5 PORT	Network switch to connect up to (5) 10BASE-T/100 BASE-TX compliant Ethernet networks. MLX only.
SYA M1 ARC ARC	Network repeater required to create Synergy RS-485 ARCNET network over 2000 feet in length. MLX only.
SYA ROUTER	Native BACnet router to connect a Synergy RS485 ARCNET network to an Ethernet LAN. MLX only.
LSCC 2S12C P25 DMX	Two-scene, 12 channel DMX control console w/25 foot control cable.
LSCC 2S24C P25 DMX	Two-scene, 24 channel DMX control console w/25 foot control cable.
LSCC 2S36C P25 DMX	Two-scene, 36 channel DMX control console w/25 foot control cable.
LSCC PR DMX	Single gang, plug-in receptacle to connect to DMX network.



Notes

- Consult factory when ordering SYSC BACGATE for additional system requirements.
- Not available on SYSC BACGATE.
- DMX option standard on SYSC BACGATE.

Intended Use

A microprocessor-based digital wallstation which provides a convenient means to add pushbutton controls for on/off, preset, raise/lower, partition control or other user interface to a Synergy® lighting control system. Standard infrared receiver for operation and programming of station functions from an accessory SYWR HHP wireless handheld remote programmer. Use the EXT option to provide daylight harvesting. For networked control, the SYRS can provide local on/off, manual dimming and automated daylight dimming control.

Features

- Standard one-gang backbox mounting
- Connect to Synergy system controller via four-wire SYA CABLEA4 control station network
- Local switching of loads is provided by Sensor Switch Series power pack(s)
- Screwless appearance
- One- to nine-button configuration in a variety of painted and metallic finishes
- EXT option adds two 0-10V dimming outputs compatible with four-wire electronic dimming ballasts, two switched

outputs, one 0-10V dimming photocell input and one occupancy sensor input

- Photocell calibrated at SYRS station, eliminating the need to climb a ladder for adjustments
- All station buttons, inputs, and outputs are fully programmable from a Synergy controller or software and are fully accessible to BACnet® building automation systems (MLX controller only)
- Button caps can be engraved with labels having up to two lines of text
- Button caps are captive - ensures the caps resist accidental removal
- Stations include button caps with and without an integral LED indicator to suit a variety of applications
- SYRS will enter default stand-alone mode upon loss of network communication to provide a basic level of room control

Listings

Class 2 low-voltage device.

SYRS

Digital Remote Station

**ORDERING INFORMATION**

Specifications subject to change.

Example: SYRS 1G 9BT BJ4

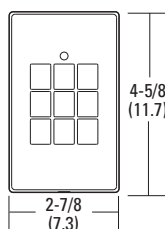
Series	Number of gangs	Number of buttons	Finish	Options
SYRS	1G 1 gang	_BT (1 to 9)	BJ4 Brushed stainless steel WC2 Painted white ¹ IE3 Painted ivory ¹	BL4 Painted black ¹ BF4 Polished brass ¹ EXT External input/output. (2) 0-10V dimming outputs, (2) switched outputs, (1) 0-10V dimming photocell input and (1) occupancy sensor input.

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES**ORDER SEPARATELY**

SYRS 1GR	1-gang deep backbox
SYNERGY ENGRAVING SERVICES	Engraved buttons
SYA CABLEA4	Control station network wire
SYWR 6B	Six-button remote control
SYWR HHP	Remote hand-held programmer
LSA 1G CLC	Clear locking cover for 1-gang wallstation
LSA 1G CLC GASKET	NEMA 3R gasket for clear locking cover



SYRS 1G 9BT

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- ¹ Additional delivery time and/or cost may apply.

PRODUCT INFORMATION**Intended Use**

Used for wireless remote control or lighting functions in a Synergy® system. Operates in conjunction with the infrared receiver on the SYRS digital remote wallstation (above). The HHP version is useful in providing preset dimming control without the need for an SQCS control station.

Features

- Provides remote activation of four presets, master raise/lower and master on/off

- HHP hand-held programmer permits the saving and activation of 12 lighting preset scenes, the manual control of up to 12 dimming channels, master raise/lower and master on/off
- Preset scenes configured and saved with HHP may be recalled from buttons on the wallstation

SYWR

Wireless Programmer



Example: SYWR HHP

ORDERING INFORMATION

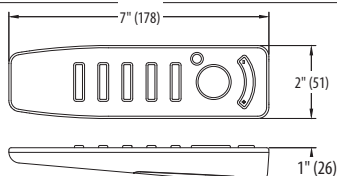
Specifications subject to change.

Series	Type
SYWR	6B 6-button remote transmitter HHP 12-button hand-held programmer

ADDITIONAL INFORMATION

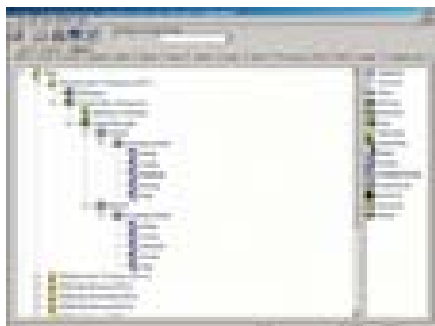
For additional product information, visit www.synergylightingcontrols.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



SYSW CONFIG

System Configuration Software



Intended Use

PC-based Windows® application used to configure a Synergy® system equipped with MLS or MLX controllers. Allows on-site or remote programming and configuration of all system parameters and schedules.

Features

- Familiar Windows graphical user interface provides easy access to all system data
- Tab-based navigation scheme allows the user to reach most configuration screens with a single click of the mouse
- Access privileges for different software features can be set up for multiple users through the use of administrator-defined login IDs and passwords
- Online mode allows real-time monitoring and override of input and load status as well as diagnostic functions
- Connection to the system may be made with the supplied RS-232 cable through the front-mounted DB-9 connector

on any system controller, directly over the BACnet® network via an Ethernet connection or to the Synergy RS485 Arcnet network (optional SYA NIC PCI network interface card in PC required)

- Connection may also be made from a remote site using standard telephone lines via the PHONE option on the controller and a PC equipped with a telephone modem
- Minimum hardware requirements are a 266MHz Pentium® II class PC running Windows 2000 or later operating system with 128MB RAM, 30MB free disk space and 800 x 600 video resolution
- Optional trending and usage software is available to provide the capability for facilities to log certain loads for trending analysis. Provides automatic recording and archiving (Requires Ethernet or RS485 network connection to Synergy panels)

ORDERING INFORMATION

Specifications subject to change.

Example: SYSW CONFIG

Series

SYSW CONFIG Synergy configuration software

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES

ORDER SEPARATELY

SYA DESKTOP	PC workstation suitable for system configuration or graphics. Contact factory for mounting and touch-screen options.
SYNERGY GRAPHICS SOFTWARE	Graphical user software.
SYNERGY GRAPHICS SCREENS	Factory-prepared SYNERGY GRAPHICS SOFTWARE screens per user specifications. Indicate quantity of screens required.
SYNERGY TREND USAGE SOFTWARE	Software to provide logging capability for selected loads for trending analysis. Provides automatic recording and archiving.

PRODUCT INFORMATION

Computers, Software

SYNERGY GRAPHICS SOFTWARE

Graphical User Interface



Intended Use

Adds real-time control and monitoring capabilities to a Synergy® system through the use of a flexible graphical interface. Runs as a fully integrated component of the SYSW CONFIG software installed on a desktop, laptop or panel PC connected to the system via an RS-485, Ethernet or wireless network connection.

Features

- Provides intuitive and interactive point and click control of loads with status feedback and remote diagnostic capability
- Simple setup and configuration options allow the creation of floorplan-based, button-based or combination screens
- Flexible control options allow graphical objects to directly monitor and override all system inputs (switches,

photocells, digital stations), outputs (relays, dimmers, controllable breakers, DALI devices), room partitions and load groups

- Integrated scheduling module allows creation of temporary, PC-based schedules for special events
- Over 32,000 screens may be configured and the number of control objects per screen is limited only by screen resolution
- Control screens may be user-configured in the field or ordered factory-prepared to client specifications via the SYNERGY GRAPHICS SCREENS accessory

ORDERING INFORMATION

Specifications subject to change.

Example: SYNERGY GRAPHICS SOFTWARE

Series

SYNERGY GRAPHICS SOFTWARE Synergy graphical user interface

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES

ORDER SEPARATELY

SYNERGY GRAPHICS SCREENS	Factory-prepared SYNERGY GRAPHICS SCREENS per user specifications. Indicate quantity of screens required.
SYA DESKTOP	PC workstation suitable for system configuration or graphics. Contact factory for mounting and touch-screen options.

Intended Use

The SYA DESKTOP provides the ability to program or override all features of Synergy® lighting control panels when used in conjunction with the Synergy SYSW CONFIG software. Schedules and programs can be composed off-line and downloaded locally through the RS-232 port on Synergy controllers, remotely via an Ethernet LAN, Synergy Arcnet network or through the use of an optional modem.

Features

- Available as desktop, laptop, or tablet PC, with the latest processor speed and features

SYA DESKTOP

PC Interface

**Example: SYA DESKTOP**

ORDERING INFORMATION		Specifications subject to change.	
Series		Options ¹	
SYA DESKTOP	Desktop PC	(blank)	Standard 19" flat-panel LCD monitor
SYA LAPTOP	Laptop computer	TOUCH SCREEN	19" touch-screen flat-panel monitor
SYA TABLET	Tablet PC		

ADDITIONAL INFORMATION	For additional product information, visit www.synergylightingcontrols.com .
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ACCESSORIES	
ORDER SEPARATELY	
SYSW CONFIG	Synergy panel configuration software for personal computer
SYNERGY GRAPHICS SOFTWARE	Graphics software for personal computer
SYA ETHERNET SWITCH 5 PORT	Ethernet 5-port 10-base T-switch
SYA ROUTER	Native BACnet® router to connect a Synergy RS485 Arcnet network to an Ethernet LAN
SYA NIC PCI	Arcnet interface card

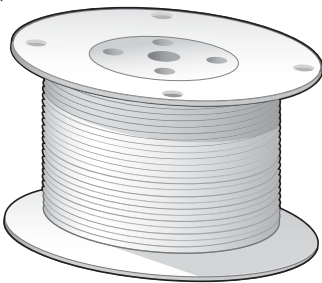
Notes

- ¹ Only available on SYA DESKTOP.

PRODUCT INFORMATION

SYA CABLE

Digital Network Cable



Intended Use
Plenum-rated network cable suitable for use with industrial EIA RS-485 networks. SYA CABLES2: Fully compatible with Synergy® MLX and SwitchPak® system remote panel-to-panel networks. SYA CABLEA4: Fully compatible for use with Synergy SQCS, SYRS and DEQ digital networks.

- Features**
- Factory-approved network cables with matching conductor color coding consistent with all factory wiring diagrams and installation instruction for trouble-free network installations
 - SYA CABLES2: For use with industrial EIA RS-485 networks

- SYA CABLEA4: Includes all requires power and communication conductors. For use with industrial EIA RS-485 networks plus two #16 AWG conductors for 24V station power
- Listings**
UL Listed, NEC type CL2P, rated for 75°C/300V.

ORDERING INFORMATION Specifications subject to change.

Example: SYA CABLES2 1000FT

Series	Cable	Length
SYA	CABLES2 ¹	1000FT 1000 feet
	CABLEA4 ¹	500FT 500 feet
		250FT 250 feet

ADDITIONAL INFORMATION For additional product information, visit www.synergylightingcontrols.com.

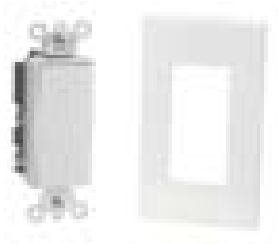
- Notes**
- 1 Cable must be used in conditioned space, either in plenum or pipe. Cable cannot be direct-buried or used between buildings. For installation between building, use fiber optic cable and Synergy SYA M1 ARCFST or SYA M1 ARCFST2 fiber optic hub.

PRODUCT INFORMATION

Low-Voltage Override Switch

LVDS

Momentary Decora® Switch



Intended Use
LVDS momentary switches and DSA wallplates provide a durable and attractive low-voltage switch solution with a standard strap-mount form factor and designer styling. Switches may be ganged with other Decora style devices. DSA wallplates are offered in a variety of sizes and finishes. Use with Synergy® or SwitchPak® lighting control panels.

ORDERING INFORMATION Specifications subject to change.

Example: LVDS WH

Series	Finish
LVDS	WH White
	IV Ivory
	GY Gray ¹

ADDITIONAL INFORMATION For additional product information, visit www.synergylightingcontrols.com.

- Notes**
- 1 Additional delivery time and/or cost may be associated with these premium colors.

PRODUCT INFORMATION

Low-Voltage Override Switch

Intended Use

The LVPS low-voltage override switch provides a durable and attractive solution to override lights controlled by Synergy® lighting control systems. The LVPS is a Decorator style switch and uses standard Decorator wallplates for single- or multi-gang applications. A pilot light is provided for each switch so it can be used as one switch for ON (top push button) and one switch for OFF (bottom push button). Or it can control two separate lighting zones with each respective switch toggling a zone ON and OFF. A terminal block is provided for all low-voltage connections, eliminating the need for traditional spade-type connectors or wire nuts.

LVPS

Two-Button Decorator Style Override Switch



Example: LVPS 2BT WH

ORDERING INFORMATION Specifications subject to change.		
Series ¹	Number of buttons	Finish
LVPS	2BT Two buttons	WH White IV Ivory
ADDITIONAL INFORMATION For additional product information, visit www.synergylightingcontrols.com .		

Notes
1 Uses standard Decorator wallplates.

PRODUCT INFORMATION

Low-Voltage Override Switch

Intended Use

LVKS switches are a durable and attractive solution for providing a secure means to override lighting. The user must have the LVKS key (provided) to override lights. Switches are supplied with pigtail connectors for low-voltage wire connections.

LVKS

Decorator Style Locking Switch



Features

- Use with Synergy® or SwitchPak® lighting control panels. The LVKS can be used with the LVPS or other Decorator style devices in a multi-gang Decorator wallplate

Example: LVKS SPDT WH

ORDERING INFORMATION Specifications subject to change.		
Series	Options	Finish
LVKS Low-voltage key switch	HOA 3-position maintained for hand-off-auto operation SPDT MOM 3-position momentary, center off SPDT 2-position maintained	WH White IV Ivory
ADDITIONAL INFORMATION For additional product information, visit www.synergylightingcontrols.com .		

ACCESSORIES ORDER SEPARATELY	
Uses standard Decorator wallplates	
DSA FP D_ (# of gangs)	Decora wallplate

DSD

Mark 10™ Wallbox Dimmer



Intended Use

DSD Series dimmers provide smooth full-range dimming of fluorescent fixtures equipped with the Advance® Mark 10 dimming ballast. Dimmers have a strap mount design and may be used individually or ganged together for multiple-load applications. These dimmers are ideally suited for use with Lithonia Lighting fixtures with the ADEZ dimming ballast option.

Features

- Operation: Linear slide dimming with separate rocker switch for preset or three-way on/off operation and single-location dimming

- Compatibility: Two-wire dimming ballasts

Listings

UL Listed. CSA Certified. NOM Certified.

ORDERING INFORMATION

Specifications subject to change.

Example: DSD 500 ADEZ 277 IV

Series	VA rating	Ballast	Voltage	Finish
DSD	500 500 VA	ADEZ Advance Mark 10 fluorescent	120 277	IV Ivory ¹ WH White ¹

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

120V CAPACITIES AND DERATING^{2,3}

ADVANCE MARK 10 CATALOG NUMBER	LAMP TYPE	MAXIMUM NO. BALLAST/DIMMER	
		ONE-GANG	MULTI-GANG
REZ-1T32	CFM32W	13	10
REZ-1T42	CFM42W	10	8
REZ-1Q18	CFQ18W	23	18
REZ-2Q18	CFQ18W	11	9
REZ-2Q26	CFQ26W	8	6
REZ-2T42	CFTR42W	5	4
REZ-132	F32T8	13	11
REZ-2S32	F32T8	6	5
REZ-3S32	F32T8	4	3
REZ-154	F54T5/HO	7	6
REZ-2S54	F54T5/HO	3	3
REZ-1TTS40	FT40W	12	9
REZ-2TTS40	FT40W	6	4

277V CAPACITIES AND DERATING^{2,3}

ADVANCE MARK 10 CATALOG NUMBER	LAMP TYPE	MAXIMUM NO. BALLAST/DIMMER	
		ONE-GANG	MULTI-GANG
VEZ-2Q26	CFM26W	8	
VEZ-1T32	CFM32W	12	
VEZ-1T42	CFM42W	10	
VEZ-1Q18	CFQ18W	22	
VEZ-2Q18	CFQ18W	11	
VEZ-132	F32T8	13	
VEZ-2S32	F32T8	6	
VEZ-3S32	F32T8	4	
VEZ-154	F54T5/HO	7	
VEZ-2S54	F54T5/HO	4	
VEZ-1TTS40	FT40W	12	
VEZ-2TTS40	FT40W	6	

Notes

- 1 Includes standard Leviton Decora® wallplate. Order screwless or multi-gang DSA wallplates separately below.
- 2 For higher capacity, use either ISD ADEZ or DSD with RDM remote dimmer.
- 3 For the latest in dimming compatibility information, please check the fluorescent dimming guide on www.synergylightingcontrols.com.

PRODUCT INFORMATION

Remote Dimmer Module

RDM

Remote Dimmer



Intended Use

Used to boost the capacity of an ISD, DSD, or SQIDC Series wallbox dimmer. Also allows an ISD Series dimmer to control three-wire fluorescent dimming ballasts and SQIDC dimmers to control four-wire fluorescent dimming ballasts.

Features

- Available for a wide variety of dimming load types
- Models for use with line-voltage loads include an integral RFI filter

- All models are phase independent of the control device and equipped with a low-end trim adjustment

Listings

UL Listed. CSA Certified. NOM Certified.

ORDERING INFORMATION

Specifications subject to change.

Example: RDMI 2000 120

Series

RDMI 2000 120	1920 W/VA, 120V, 50/60Hz for incandescent, magnetic low-voltage, neon and cold-cathode
RDMF 2000 120	1920 VA, 120V, 50/60Hz for Advance® Mark 10™ and Lutron® Hi-Lume®, Tu-Wire® and ECO-10™ fluorescent
RDMF 3000 277	3000 VA, 277V, 50/60Hz for Advance Mark 10 and Lutron Hi-Lume, Tu-Wire and ECO-10 fluorescent
RDMBC 120/277	1920 VA at 120V; 4400VA at 277V; 50/60Hz for 0-10VDC fluorescent ballasts only. Mounts to a grounded 4" outlet box.

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

LOAD TYPE	LOAD VOLTAGE	CONTROLLER	RDM
Incandescent, magnetic low-voltage, neon	120V	SQIDC or ISD 600 I 120	RDMI 2000 120
Advance, Mark 10, Lutron Tu-Wire	120V	SQIDC, ISD 600 ADEZ 120 or DSD 500 ADEZ 120	RDMF 2000 120
Advance, Mark 10, Lutron Tu-Wire	277V	SQIDC, ISD 600 ADEZ 120 or DSD 500 ADEZ 120	RDMF 3000 277
Lutron Hi-Lume/ECO-10	120V	SQIDC or ISD 600 I 120	RDMF 2000 120
Lutron Hi-Lume/ECO-10	277V	SQIDC or ISD 600 I 120	RDMF 3000 277
0-10VDC Fluorescent	120V or 277V	SQIDC or ISD 600 I 120	RDMBC 120/277

Intended Use

The ISD Series wallbox dimmers are designated to provide smooth full-range dimming for a variety of loads. Products are available for low-voltage, electronic low-voltage, and fluorescent two-wire and four-wire load types. The ISD dimmers can be used in place of a standard wall switch to provide on/off and dimming lighting control.

Features

- Fluid slide movement allows fine adjustment of light level over the entire dimming range
- Separate on/off switch permits switching of lighting at a preset level

- An integral LED indicator on illuminated dimmers turns on when the switch is off to facilitate switch location in a dark room
- Can be used with standard three-way or four-way switch for multi-location switching
- ISD Series dimmers are compatible with Decora® Series wallplates
- Single location, linear slide dimming with separate push on/off switch for preset three-way and four-way switching
- Snap-on Decora style wallplate color change kits available (gray, black, brown, almond, white, and ivory)

Listings

UL Listed. CSA Certified. NOM Certified.

ISD

Architectural Wallbox Dimmers

**ORDERING INFORMATION**

Specifications subject to change.

Example: ISD 600 LV 120 WH**Series¹**Incandescent (supplied with white or ivory faceplates)

ISD 600 I 120 WH/IV Illuminated slide dimmer; 600W, 120V, 60Hz
ISD 1000 I 120 WH/IV Illuminated slide dimmer; 1000W, 120V, 60Hz

Magnetic low-voltage (supplied with white or ivory faceplates)

ISD 600 LV 120 WH/IV Illuminated slide dimmer; 600VA, 120V, 60Hz
ISD 1000 LV 120 WH/IV Illuminated slide dimmer; 1000VA, 120V, 60Hz

Electronic low-voltage (supplied with white or ivory faceplates)

ISD 400 ELV 120 WH/IV Illuminated slide dimmer; 400VA, 120V, 60Hz

Fluorescent Mark 10™ (supplied with white or ivory faceplates)

ISD 600 ADEZ 120 WH/IV Slide dimmer; 600VA, 120V, 60Hz
ISD 1000 ADEZ 120 WH/IV Slide dimmer; 1000VA, 120V, 60Hz
ISD 1200 ADEZ 277 WH/IV Slide dimmer; 1200VA, 277V, 60Hz

Fluorescent four-wire (supplied with white or ivory faceplates)

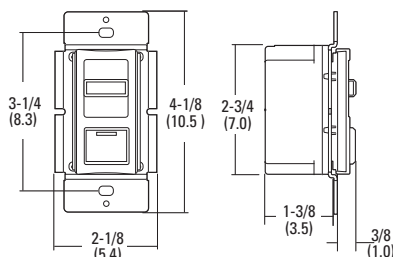
ISD BC 120/277 WH/IV Ballast controller; 120/277V

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES**ORDER SEPARATELY**

ISD CCKIT ____	Color change kit, specify WH (white), IV (ivory), GY (gray), BR (brown), BK (black) or AL (almond).
DSA FP D ____	Low-profile thermoplastic wallplate for ISD or Leviton Decora® compatible devices (page 1025).
RDM ____	Remote dimmer module



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- ¹ For the latest in dimming compatibility information, please check the fluorescent dimming guide on www.synergylightingcontrols.com.

PRODUCT INFORMATION**Intended Use**

Provides an architecturally styled finish treatment for DSD, ISD, LVDS, and LIRW Series products. Wallplates are available for individual devices and multi-gang applications with up to six devices.

Features

- Low-profile wallplates are compatible with DSD, ISD, LVDS and LIRW Series products and other Decora style devices

Decora Style Wallbox Dimmers

DSA FP

Decora® Style Faceplate

**ORDERING INFORMATION**

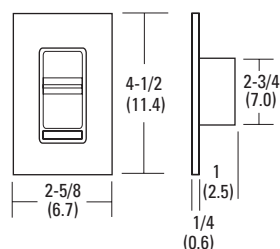
Specifications subject to change.

Example: DSA FP D1 WH

Series	Openings ¹		Finish	
DSA FP	D1 One opening	D4 Four openings	WH White	GY Gray ²
	D2 Two openings	D5 Five openings	IV Ivory	BK Black ²
	D3 Three openings	D6 Six openings	AL Almond ²	BR Brown ²

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- ¹ One gang per opening is required.
² Additional delivery time and/or cost may be associated with these premium colors.

SSPL

SweepSwitch®



Intended Use

Provides individual local line-voltage override control of lighting in time-based control schemes. Can be used manually to turn lighting on and off in the normal manner. Resets itself automatically to the off position in response to a programmed power interruption signal provided by the lighting control panel.

Features

- Works like a standard wall switch for on/off operation
- Automatically resets to off when power is removed for approximately five seconds

- Switch handle is lighted for easy location in the dark
- Wires to a 120V or 277V circuit switched by a Synergy® or SwitchPak® relay panel like a standard toggle switch; is not line/load sensitive and does not require a neutral connection

Listings

- UL Listed. CSA Certified.

ORDERING INFORMATION

Specifications subject to change.

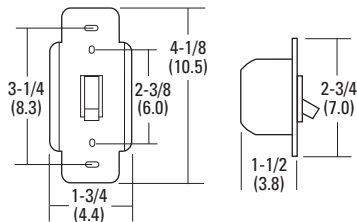
Example: SSPL 05 277

Series	Type	Voltage
SSPL	05 0.1 to 5.0 amps 20 1.0 to 20 amps	277 120V or 277V (dual voltage)

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



PRODUCT INFORMATION

Emergency Overrides

RRU

SPDT Normal Power-Sense Relay



Intended Use

The RRU provides an interface between a line-voltage normal power-sense circuit and the low-voltage override input on Synergy® SYPM power modules. All connected SYPM power modules will be overridden to full ON if normal power falls below 90% of nominal voltage.

Features

- Works in conjunction with Synergy SYPM power modules

- One RRU is required for each Synergy cabinet to be overridden ON during power failure
- Available to sense either 120V or 277V normal power
- 90% nominal input voltage drop out
- SPDT low-voltage dry contact outputs rated for 5 amps

Listings

- UL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: RRU SPDT 120

Series	Voltage
RRU SPDT Power relay	120 120V 277 277V

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

SPAK

Eight-Relay Panel



Intended Use

A compact and economical lighting control panel that offers simplified solutions for a broad range of lighting control applications. This time-based controller switches lighting on/off at preset times while managing a variety of low-voltage inputs. Relays are rated to directly switch 20A lighting loads, eliminating the need for external contactors or relays.

Features

- Programming is quick and easy using the large LCD display with associated soft keys and automatic ReadyHelp™ on-screen help guide
- Unique quick-assign keys provide one-touch program selections and instant override
- Individual daily schedules automatically repeat for seven-day lighting load operations
- Holiday schedule accommodates 32 dates
- Astronomic and automatic Daylight Savings Time operation
- Warn-before-off feature flashes lights prior to turning off

- Eight low-voltage switch inputs can be programmed to provide manual control of any combination of relays or override one to eight zones of scheduled lighting
- Analog photocell input does not require remote calibration
- A single SwitchPak® provides a complete lighting control solution and can be used to control operation of additional units, expanding the capability of SwitchPak to a system level without adding the complexity often associated with networked systems
- SPAK native BACnet provides communication directly to BAS systems without BACnet gateways or converters, using the onboard RJ-45 ports
- Optional configurations available for either two or four 600V two-pole relays

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SPAK 8S 120/277

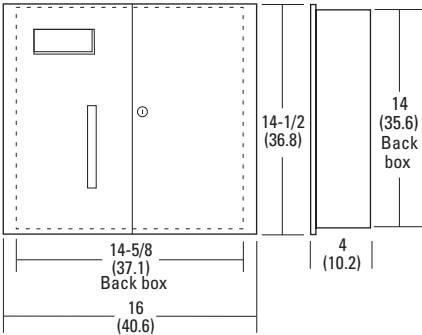
Series	Relays/poles	Voltage	Building automation
SPAK	8S Eight single-pole, 20A relays 4S2D Four single-pole, 20A relays and two double-pole, 30A relays	120/277 120/277 dual voltage	BAS Native BACnet ready ¹

ADDITIONAL INFORMATION

For additional product information, visit www.synergylightingcontrols.com.

ACCESSORIES	
ORDER SEPARATELY	
LSA APS OL	Analog photocell (outdoor mounting)
LSA APS S	Analog photocell (skylight mounting)
LVRS	Override switch; 1-9 buttons
LVPS	Override switch; 2 buttons
LVKS	Locking override keyswitch
SPAK HVB	High-voltage barrier kit to divide the high-voltage compartment into two sections
SSPL	Sweepswitch: line-voltage override switch
SPAK 4S/2D CONVERSION KIT	Two double-pole, 30A relay conversion kit; replaces one 4S relay card

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

¹ System remote operation not available when using BAS option.



ROAM®

Remote Operations Asset Management (ROAM) is a wireless outdoor lighting management system that delivers flexible control strategies for minimizing costs, optimizing energy use and providing a safe nighttime environment. With numerous deployments across the U.S. and Canada, ROAM is the proven leader in wireless control solutions.

Customers significantly reduce operating costs and optimize the performance of outdoor lighting systems when using ROAM's award-winning technology. Through a robust mesh network, ROAM devices wirelessly communicate to deliver state-of-the-art monitoring, control and measurement.



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ROAM Hardware/Software

DCM127 NX11032

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REN127 S011033

REN127 NM11033

REN347 NM11033

REN127 NHX1034

REN480 NM11034

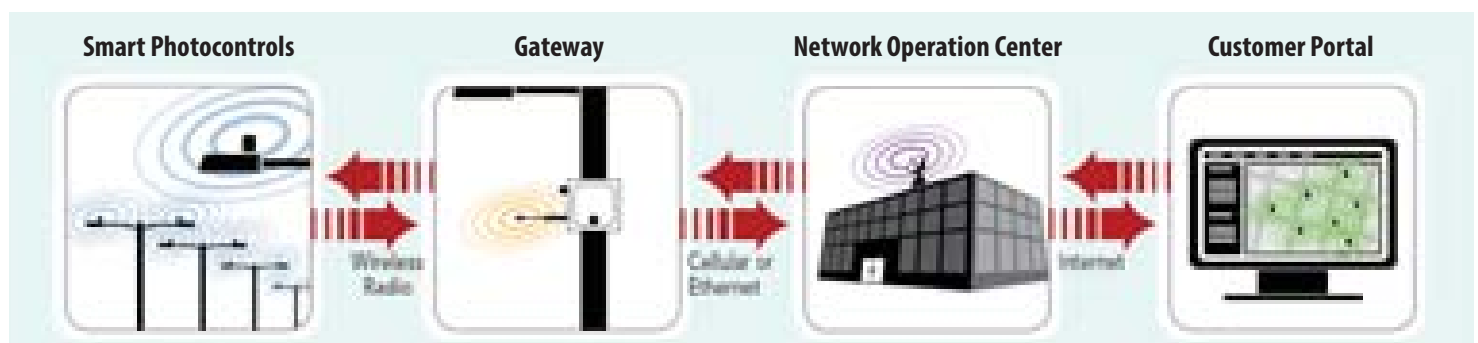
GATEWAY REG1271035

ROAMview1035

ROAM's ability to monitor and precisely control your outdoor lighting does much more for your bottom line than just help save on energy costs.

ROAM SYSTEM OVERVIEW:

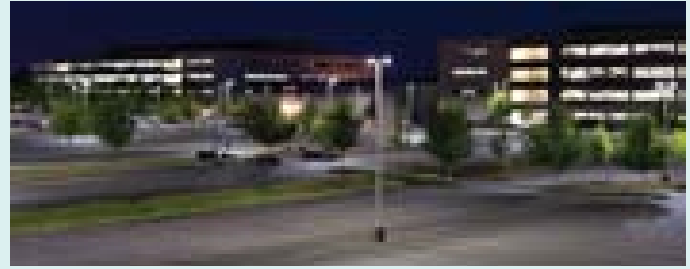
- Continuously monitors for equipment malfunctions and unusual conditions that may lead to premature failure such as faulty equipment, daytime operation, low and excessive wattage and high and low voltage
- Automatically notifies the system operator of problems
- Enables scheduled and on-demand ON/OFF and dimming control for individual or groups of fixtures
- Provides an accurate measurement of operating hours, power and energy from a single web-based interface with customized reports
- Identifies and corrects problems before they turn into premature failures
- Generates information about the outdoor lighting system for energy analysis, energy savings verification, warranty enforcement and other purposes
- Delivers billable-quality energy data allowing transition from flat-rate to metered energy billing (with ROAM revenue grade node)



ROAM PLATFORMS

ROAMview™

A pre-packaged ROAM system for small-scale deployments up to 2,000 devices. With its pre-configured server and plug-and-play format, this locally hosted system is scaled to meet the needs of modest-sized, single-site properties.



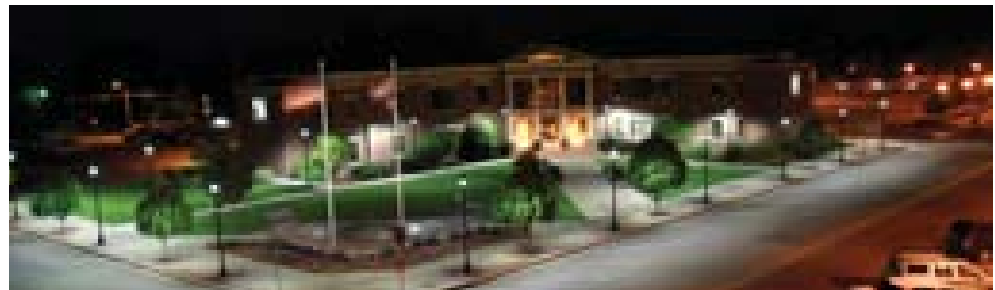
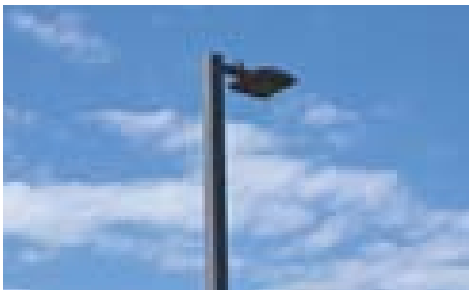
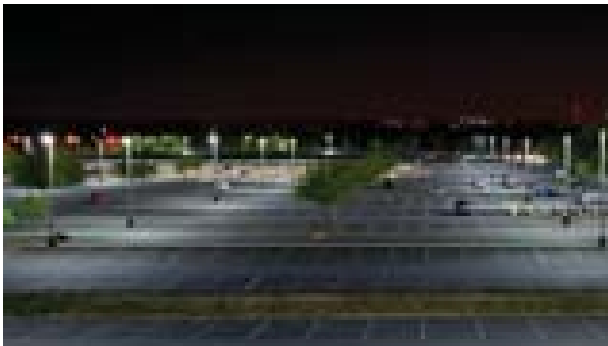
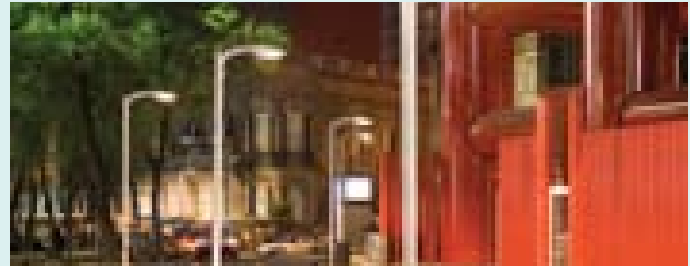
ROAM ENTERPRISE

Like ROAMview, ROAM Enterprise is a locally hosted system, but it is sized to meet the needs of municipal, multi-site and large institutional customers by offering 100,000+ node capacity and a more extensive set of diagnostic capabilities. It can be deployed on a customer's existing IT infrastructure.



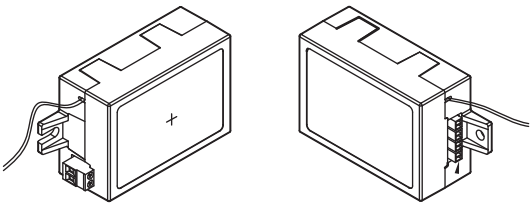
ROAM CONCIERGE

Providing the same extensive feature set as ROAM Enterprise, ROAM Concierge offers a centrally hosted system for customers that do not want to make any IT infrastructure investments.



DCM127 NX1

Dimming Control Module



Intended Use
For use with ROAM Hardware/Software. Integrated into a light fixture, DCM127 NX1 wirelessly communicates with the node and interfaces with a dimmable driver.

- Features**
- Auxillary sensor inputs (sensors not included)
 - Wireless enabled communication
 - 2.4 GHz-IEEE 802.15.4 compatible

- FCC Part 15 approved
- Multiple Driver Support: 0-10V output can support up to 4 LED drivers in parallel
- Supports full remote reprogramming and hardware reset
- Supports dimming events and calendar synchronized with fixture on/off events and calendar based control

Listings
U.S./Canadian UL recognized component: File #E341128.

ORDERING INFORMATION

Specifications subject to change.

Example: DCM127 NX1 J12

Model & Voltage

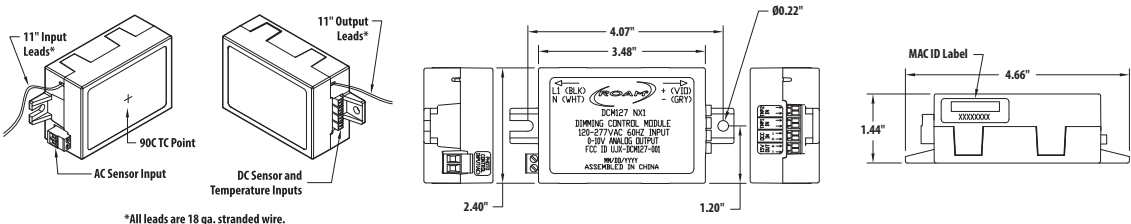
DCM127 NX1 120-277V
* 347V and 480V can be accommodated with optional step down transformer

Job packs

(blank) 1 Unit
J12 12 Units

ADDITIONAL INFORMATION

For additional product information, visit www.roamservices.net.

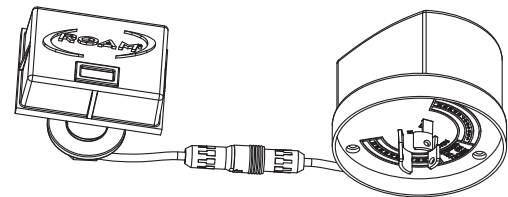


Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PRODUCT INFORMATION

REN127 CM1A

Decorative Utility Node Assembly



Intended Use
For use with ROAM Hardware/Software.

- Features**
- 40-400 watt fixtures; Voltage 100-305 VAC 60Hz
 - 320J MOV-9500 amp surge protection
 - Average power consumption 1.94 watts
 - Complies with ANSI C136.10 and FCC part 15
 - -40 to +70 degrees C ambient operating temperature

- ANSI-standard 2.5-5 second turn off delay
- Black ERM cover
- Acrylic window, brass legs, blue polycarbonate base node cover, neoprene gasket
- Filtered silicon light sensor
- Optical indicator to alert line crew of problem or malfunction

Listings
U.S./Canadian UL recognized component: File #E331898.

ORDERING INFORMATION

Specifications subject to change.

Example: REN127 CM1A J12

Model & Voltage

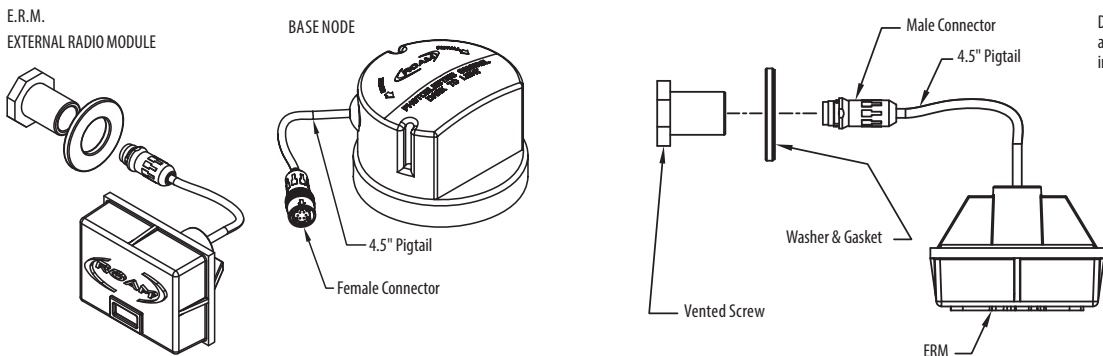
REN127 CM1A 120/240/277 V
(100-305)

Job packs

(blank) 1 Unit
J12 12 Units

ADDITIONAL INFORMATION

For additional product information, visit www.roamservices.net.



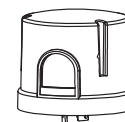
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PRODUCT INFORMATION

ROAM Hardware/Software

REN127 S01

Node (Tunnel)



Intended Use

For use with ROAM Hardware/Software.

Features

- 2.4GHz-IEEE 802.15.4 compatible
- FCC Part 15 approved
- Range - 1,000 foot clear line of sight
- Remote on/off control
- Grouped scheduling (energy savings)
- 70-1,000 watt fixtures; Voltage 100-305VAC 60Hz

- 320J MOV-6500 amp surge protection

Listings

Complies with ANSI C136.10 except in regards to photosensor turn on-turn off.

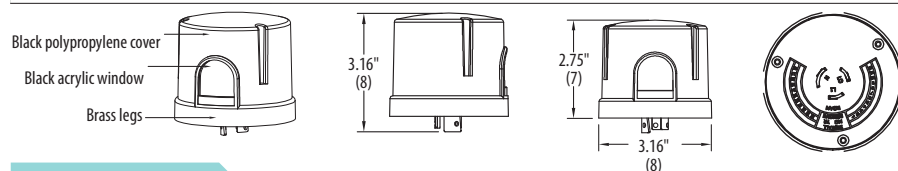
ORDERING INFORMATION

Specifications subject to change.

Example: REN127 S01 J50

Voltage	Model	Job packs
REN127 120/240/277 V (100-305)	S01 Tunnel	(blank) 1 Unit J50 50 Units

ADDITIONAL INFORMATION

For additional product information, visit www.roamservices.net.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PRODUCT INFORMATION

ROAM Hardware/Software

REN127 NM1

Multi-Volt Node



Intended Use

For use with ROAM Hardware/Software.

Features

- 2.4GHz-IEEE 802.15.4 compatible
- FCC Part 15 approved
- Range - 1,000 foot clear line of sight
- Remote on/off control
- Grouped scheduling (energy savings)
- 70-1,000 watt fixtures; Voltage 100-305VAC 60Hz
- 320J MOV-6500 amp surge protection

Listings

Complies with ANSI C136.10.

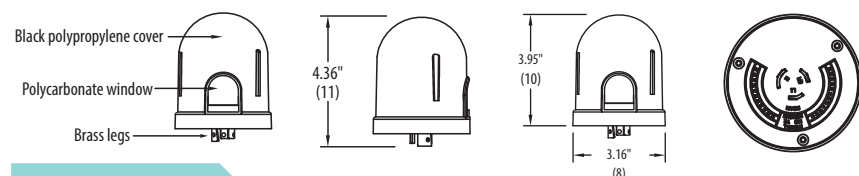
ORDERING INFORMATION

Specifications subject to change.

Example: REN127 NM1 J50

Model & Voltage	Job packs
REN127 NM1 120/240/277 V (100-305)	(blank) 1 Unit J50 50 Units

ADDITIONAL INFORMATION

For additional product information, visit www.roamservices.net.

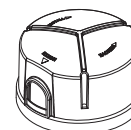
Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PRODUCT INFORMATION

ROAM Hardware/Software

REN347 NM1

347V Node



Intended Use

For use with ROAM Hardware/Software.

Features

- 2.4GHz-IEEE 802.15.4 compatible
- FCC Part 15 approved
- Range - 1,000 foot clear line of sight
- Remote on/off control
- Grouped scheduling (energy savings)
- 70-720 watt fixtures; Voltage 295-382VAC 60Hz
- 320J MOV - 9500 amp surge protection

Listings

Complies with ANSI C136.10.

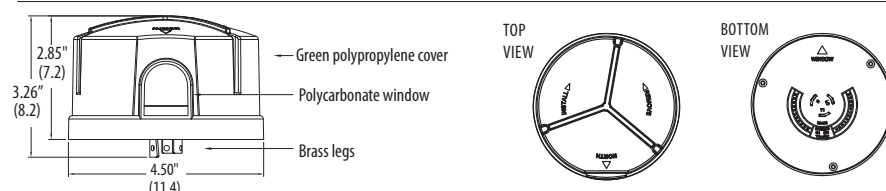
ORDERING INFORMATION

Specifications subject to change.

Example: REN347 NM1 J50

Model & Voltage	Job packs
REN347 NM1 347 V (295-382)	(blank) 1 Unit J50 50 Units

ADDITIONAL INFORMATION

For additional product information, visit www.roamservices.net.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

REN127 NHX

Revenue Grade Node



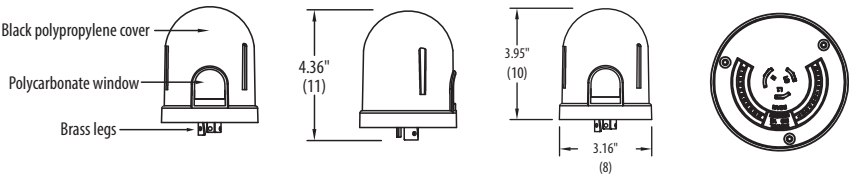
- Intended Use**
For use with ROAM Hardware/Software.
- Features**
- 2.4GHz-IEEE 802.15.4 compatible
 - FCC Part 15 approved
 - Range - 1,000 foot clear line of sight
 - Remote on/off control

- Grouped scheduling (energy savings)
- 25-1000 watt fixtures: Voltage 70-305VAC 50/60Hz
- 1060J MOV - 10,000 amp surge protection
- 2% meter accuracy to ANSI C12.1

Listings
U.S./Canadian UL Listed: File #E341128.

ORDERING INFORMATION		Specifications subject to change.				Example: REN127 NHX J50	
Model & Voltage		UL listed		Job packs			
REN127 NHX	120/240/277 V (100-305)	(blank)	Utility (no UL)	(blank)	1 unit		
		A	UL listed	J50	50 units		

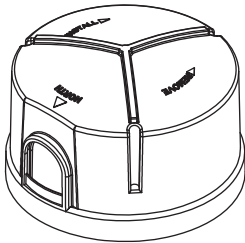
ADDITIONAL INFORMATION For additional product information, visit www.roamservices.net.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

REN480 NM1

480V Node



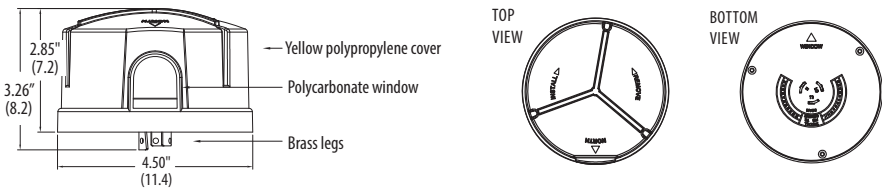
- Intended Use**
For use with ROAM Hardware/Software.
- Features**
- 2.4GHz-IEEE 802.15.4 compatible
 - FCC Part 15 approved
 - Range - 1,000 foot clear line of sight

- Remote on/off control
- Grouped scheduling (energy savings)
- 70-1,000 watt fixtures: Voltage 408-528VAC 60Hz
- 320J MOV - 9500 amp surge protection

Listings
U.S./Canadian UL Listed: File #E331898.

ORDERING INFORMATION		Specifications subject to change.		Example: REN480 NM1 J50	
Model & Voltage		Job packs			
REN480 NM1	480 V (408-528)	(blank)	1 Unit		
		J50	50 Units		

ADDITIONAL INFORMATION For additional product information, visit www.roamservices.net.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Intended Use

For use with ROAM Hardware/Software.

Features

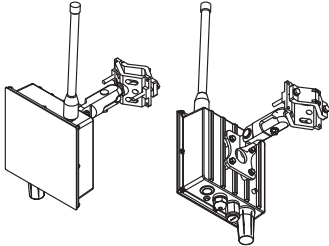
- 320J MOV - 9500 amp surge protection
- Voltage 100 - 305 VAC
- -40 to +85 degrees C ambient
- Wall or mast arm mounting (1-3 inch pipe)

- Power indicator
- Powered through standard locking type receptacle on fixture (3 ft. cable and locking type plug included)
- Average power consumption: 5.5 watts

Listings

FCC Part 15 approved. CSA approved.

GATEWAY REG127



Example: REG127 EX5

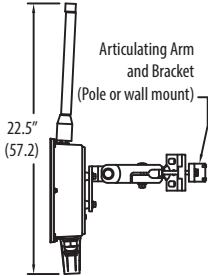
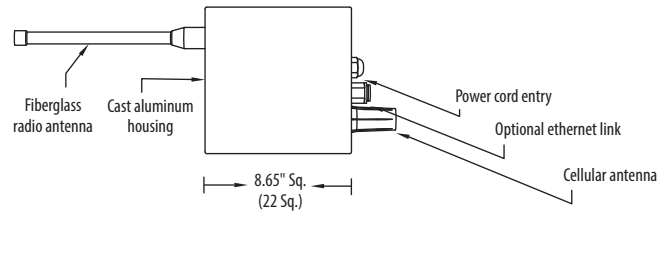
ORDERING INFORMATION

Specifications subject to change.

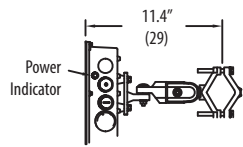
Voltage	Model	Color	System
REG127	EX	5	(blank) ROAM
120/240/277V (100-305)	WX	Gray	V ROAMview

ADDITIONAL INFORMATION

For additional product information, visit www.roamservices.net.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- 1 Not available with ROAMview.

PRODUCT INFORMATION

Intended Use

For use as ROAM user portal.

Features

- User portal accessible by web browser
- Interactive map of installation area
- Daily operational performance of each fixture
- Reports (Device List, Burn Hours, Energy Usage, Daily Summary)
- Override command of lights (On, Off, Dim)
- Grouping of devices
- Schedule and event control commands
- Commissioning of installed ROAM devices via portal

Specifications

- Dell Vostro 260 Slim Tower
- Intel i3 processor
- 4GB RAM
- Mouse & Keyboard
- 500 GB HD (7200RPM)
- Windows 7 Professional

ROAMview™

Server/Self Hosted Portal



ORDERING INFORMATION

For additional product information, visit www.roamservices.net.

Series

ROAMVIEW



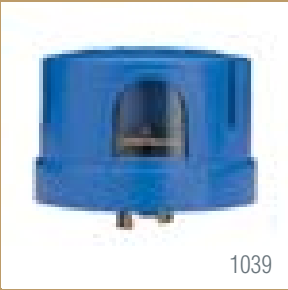
DARK TO LIGHT[®]

Throughout the United States and around the world, Dark to Light (DTL) is recognized by the industry as a provider of high-quality, cost-effective electronic photocontrols to utility, commercial and municipal customers. In fact, more utilities specify DTL than any other brand of photocontrol for our superior performance and reliability

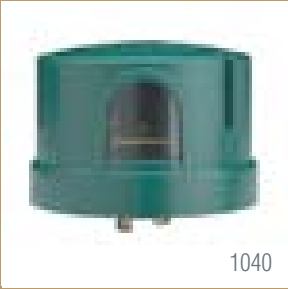
With the breadth of product to cover all applications including roadway, area lighting, floodlights, security and residential, DTL's patented designs meet or exceed ANSI standards.



1038



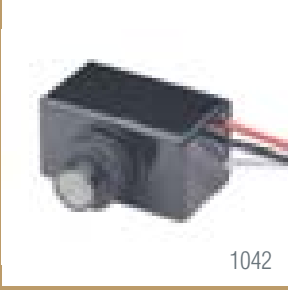
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DTL PHOTOCONTROL FEATURES

- High impact resistant UV stabilized polypropylene covers
- High capacity MOV surge protection
- Instantaneous turn on, allowing quick glove tests during installation
- Hi-temp rated components
- 2-5 second off delay avoids nuisance switching caused by extraneous light
- Cool running, reliable circuit electronics

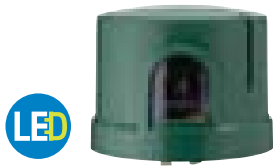


PRODUCT INFORMATION

Long Life Locking Type

DLL ELITE

Long Life LED

**Intended Use**

The DLL Elite photocontrol significantly reduces day-burning fixtures and ensures LEDs burn only during the coolest times of the day, maximizing efficiency. It also prevents repair trips due to premature or end-of-life photocontrol failure.

Features

- Designed to last as long as your LED lighting system, 20+ years
- LED inrush protection with triac assisted relay
- Extreme surge protection of 1280J/40kA utility or 2120J/40kA UL Listed
- Double-thick enclosure and lens with additional UV inhibitor
- High temp base plastic tested to 140°C

- Long-life capacitors
- Full wave rectified power supply
- Dual zener diodes for long life
- Solid brass contact blades
- Double-sided, thru hole plated .062" FR4 circuit board
- Conformal coated printed circuit board
- Sealed packaging for extended storage
- 10-year warranty (prorated)

Listings

Complies with ANSI C136.10. RoHS compliant. UL Listed to U.S. and Canadian safety standards. Surge rated in excess of ANSI C136.10 to 20kV/10kA.

ORDERING INFORMATION

Specifications subject to change.

Example: DLL127 1.5 J50

Series & Voltage	Failure mode	Turn-on level (ftc)	Filter	Certification	Cover color	Package Qty.	STD COLORS
DLL127 120-277 Volts	(blank) Fail on	1.5 ANSI Standard	(blank) Standard	(blank) Std.	(blank) Std. ¹	JU 1 Unit	NON UL UL
DLL347 347V	F Fail off		IR IR filtered silicon	CUL CULus	BK Black ²	J12 12 Units	120-277 Green Blue
DLL480 480V					BR Brown ²	J50 50 Units	347V Green Green
					GR Green ²		480V Yellow Yellow
					GY Gray ²		
					BL Blue ²		
					YL Yellow ²		

Notes

- 1 No color substitutes for UL models.
- 2 Non-standard custom colors are non-stock items. Available in J12 and J50 only. Consult customer service.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Premium Locking Type

Intended Use

The DE Series photocontrols utilize premium components, a silicon light sensor, and an infrared blocking filter to provide human eye spectral response and consistent turn-on night after night over the life of the control.

Features

- Silicon light sensor with infrared blocking filter
- MOV surge protection rated for 320 Joules/9,500 AMPS
- Sealed relay rated for a minimum of 5,000 operations at full load
- Turn-Off light level is 1.5 times Turn-On level

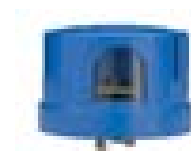
- 3.4 ounces each
- Dielectric strength: 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window
- Six-year warranty

Listings

Complies with ANSI C136.10-1996. RoHS compliant.

DE SERIES

Filtered Silicon



Example: DE124 1.5 TJ J50

Series Code & Voltage		Turn-on level (ftc)		Time delay/Surge protection		Power-up delay		Color cover		Package Qty.	
DE120	120 Volts (105-130)	1.0	Energy Saver	TJ	2-5 Second Turn-Off Delay	(blank)	Std. Operation	(blank)	ANSI Std.	J12	12 Units
DE124	120/240/277 Volts (105-305)	1.5	ANSI Standard		320J/9500 Amp MOV	PD	45-60 Sec. Delay	BK	Black	J50	50 Units
DE347	347 Volts (300-400)	2.6	IES Recommended					BR	Brown		
DE480	480 Volts (420-530)	8.0	Metro-High Ambient								
		35	FAA								

PRODUCT INFORMATION

Premium Locking Type

Intended Use

The DP Series photocontrols utilize premium components and silicon light sensors which resist long term drift of the turn-on level.

Features

- Silicon light sensor
- MOV surge protection rated for 320 Joules/9,500 AMPS
- Sealed relay rated for a minimum of 5,000 operations at full load
- Turn-Off light level is 1.5 times Turn-On level

- 3.4 ounces each
- Dielectric strength: 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window
- Eight-year warranty

Listings

Complies with ANSI C136.10-1996. RoHS Compliant.

DP SERIES

Silicon



Example: DP124 1.5 TJBK J50

Series Code & Voltage		Turn-on level (ftc)		Time delay/Surge protection		Power-up delay		Color cover		Package Qty.	
DP120	120 Volts (105-130)	1.0	Energy Saver	TJ	2-5 Second Turn-Off Delay	(blank)	Std. Operation	(blank)	ANSI Std.	J12	12 Units
DP124	120/240/277 Volts (105-305)	1.5	ANSI Standard		320J/9500 Amp MOV	PD	45-60 Sec. Delay	BK	Black	J50	50 Units
DP240	240 Volts (185-305)	2.6	IES Recommended					BR	Brown		
DP347	347 Volts (300-400)	8.0	Metro-High Ambient					P	Upward facing		
DP480	480 Volts (420-530)	35	FAA ³								
DPR124	Multi-volt Inverse ratio ^{1,2,3}										
DPF124	Multi-volt Fail Off ¹										

Notes

- ¹ PD option not available on DPR or DPF Series.
- ² 2.6 Turn-on only.
- ³ Black cover only.

PRODUCT INFORMATION

Premium Locking Type

Intended Use

Utilizing the same premium components as all DP Series controls, the DP1704/1707 Series photocontrols are configured with the features most commonly selected by utility customers. High volume and limited variation allow for cost effective manufacturing of this extremely robust control.

Features

- Silicon light sensor
- MOV surge protection rated for 320 Joules/9,500 AMPS
- Sealed relay rated for a minimum of 5,000 operations at full load

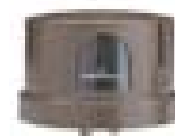
- Turn-Off light level is 1.5 times Turn-On level
- 3.4 ounces each
- Dielectric strength: 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window
- Eight-year warranty

Listings

Complies with ANSI C136.10-1996. RoHS Compliant.

DP1704/DP1707 SERIES

Utility Preferred



Example: DP124 1.5 1704 J50

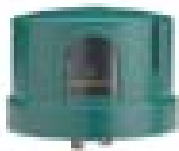
Series Code & Voltage		Turn-on level (ftc)		Utility		Package Qty.	
DP124	120/240/277 Volts (105-305)	1.5	Energy Saver	1704		J12	12 Units
DP124	120/240/277 Volts (105-305)	1.0	ANSI Standard	1707		J50	50 Units

PRODUCT INFORMATION

Intelligent Locking Type

DSS SERIES

LED

**Intended Use**

The DSS Series photocontrols were designed for the rigors of electronic and solid state lighting equipment, including LED, electronic HID and induction luminaires.

Features

- Enhanced filtered silicon light sensor does not “see” LED illumination, easing installation in areas with high ambient light or with close spacing of LED fixtures
- Surge Protection & Inductive Filing: DSS employs two MOV's in conjunction with additional series inductance and high frequency filtering, providing ANSI Category C (20KV, 10KA) surge protection for the control and also helps protect solid state driver from line transients and “noise”

- Fail-off and Fail-on modes
- 90,000 hour rated life
- Extreme Inrush Protection: Tested and approved for use with up to two LED drivers, the DSS can withstand the high inrush current that these drivers generate
- Six-year warranty

Listings

Complies with ANSI C136.10-1996. RoHS compliant. Surge rated to ANSI C136.10-Cat.C.

ORDERING INFORMATION

Specifications subject to change.

Example: DSS124N 1.5 TJJE J12

Series Code & Voltage	Failure mode	Turn-on level (ftc)	Time delay -Surge protection -Enhanced ambient sensing	Package Qty.
DSS124 120-277 Volts	F Fail Off * N Fail On *	1.0 Energy Saver 1.5 ANSI Standard 2.6 IES Recommended 8.0 Metro-High Ambient	TJJE - 3-6 Sec. Turn-Off Delay - Dual MOV's - LED Tuned Photo Sensor	J12 12 Units J50 50 Units

* Not approved for use with more than two LED drivers

PRODUCT INFORMATION

Intelligent Locking Type

DD SERIES

Diagnostic

**Intended Use**

The DD Series photocontrols were designed specifically to detect and disable cycling HPS lamps. Disabling the fixture when the lamp cycles extends the life of the starter and reduces replacement costs.

Features

- Turns off after five lamp cycles. At dusk of the following day, the control energizes the fixture and the cycle detection circuit resets
- Silicon light sensor
- Specified for use with 70-400 watt HPS
- MOV surge protection rated for 320 Joules/9,500 Amps
- Not for use on incandescent fixtures

- 2-5 second turn-off delay
- Flashing or steady LED alerts line crew of problem
- Sealed relay rated for a minimum of 5,000 operations at full load
- 3.8 ounces each
- Dielectric strength: 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window
- Six-year warranty

Listings

Complies with ANSI C136.10-1996. RoHS Compliant.

Example: DD124 1.5 TJA J50

ORDERING INFORMATION

Specifications subject to change.

Series Code & Voltage	Turn-on level (ftc)	Time delay	Surge protector	Cycle detention ¹	Package Qty.
DD124 120-277 Volts	1.5 ANSI Standard	T 2-5 Second Turn-Off Delay (standard)	J 320 J/10,000 Amp MOV	A	J12 12 Units J50 50 Units

Notes

¹ Cycle Detection Program is set at factory; program cannot be altered in field.

PRODUCT INFORMATION

Intelligent Locking Type

DPN SERIES

Part Night

**Intended Use**

The DPN Series photocontrols were specifically designed to turn the light off halfway through the night to save energy and extend fixture life.

Features

- Turns on at dusk and halfway through the night. Automatically self adjusts to seasonal time changes, reducing maintenance
- Filtered silicon photocell provides long-term, drift-free light sensing. The infrared blocking polymer filter gives human eye response
- MOV surge protection
- Reduces light pollution and light trespass concerns

- Sealed relay rated for a minimum of 5,000 operations at full load
- 2-5 second Off-only time delay is provided to avoid turn-off from extraneous light
- Dielectric strength: 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window base rated for 120°C
- Six-year warranty

Listings

Complies with ANSI C136. 10-1996. RoHS Compliant.

Example: DPN124 2.6 TJGN J50

ORDERING INFORMATION

Specifications subject to change.

Series Code & Voltage	Turn-on level (ftc) ¹	Time delay (seconds)	Surge	Cover color	Package Qty.
DPN124 120/240/277 Volts (105-305)	2.6 Standard	T 2-5 Second Turn-off Delay (standard)	V 320J J 120V	GN Green (only)	J12 12 Units J50 50 Units

Notes

¹ Other options available, please contact your local Acuity Brands Controls representative.

PRODUCT INFORMATION

Standard Locking Type

Intended Use

The DX Series photocontrols are designed for general lighting applications.

Features

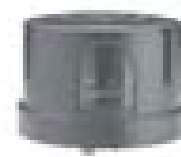
- Silicon light sensor
- Standard 160 Joule/6,500 Amp
- Sealed relay rated for 5,000 operations at full load

- 3.4 ounces each
- Dielectric strength 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window base rated for 120°C
- Six-year warranty

Listings

Complies with ANSI C136.10-1996. RoHS compliant.

DX SERIES



Example: DX124 12A J50

ORDERING INFORMATION		Specifications subject to change.					Example: DX124 12A J50		
Series Code & Voltage		Turn-on level (ftc)		Sensor		Color cover		Package Qty.	
DX120	120 Volts (105-130)	1	1.2-3 ftc Turn-on (standard)	2	Silicon sensor, Time Delay (2-5 seconds)	A	ANSI Std.	J12	12 Units
DX124	120/240/277 Volts (105-305)							J50	50 Units
DX347	347 Volts (300-400)								
DX480	480 Volts (420-530)								

PRODUCT INFORMATION

Standard Locking Type

Intended Use

The DUX Series photocontrols are designed for general lighting applications

Features

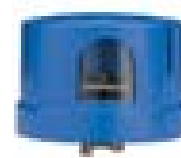
- Silicon light sensor
- Standard 160 Joule/6,500 Amp MOV
- Sealed relay rated for 5,000 operations at full load

- 3.4 ounces each
- Dielectric strength: 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window
- Six-year warranty

Listings

Complies with ANSI C136.10-1996. RoHS Compliant.
DUX is UL Listed.

DUX SERIES



Example: DUX124 12AJ50

ORDERING INFORMATION		Specifications subject to change.					Example: DUX124 12AJ50		
Series Code & Voltage		Turn-on level (ftc)		Sensor		Color cover		Package Qty.	
DUX120	120 Volts (105-130)	1	1.0-2.0 FTC Turn-on	2	Silicon Sensor, Time Delay (2-5 seconds)	A	ANSI Std.	J12	12 Units
DUX124	120/240/277 Volts (105-305)					P	Upward facing	J50	50 Units
DUX480	480 Volts (420-530)								

PRODUCT INFORMATION

Standard Locking Type

Intended Use

The D series photocontrols utilize a Cadmium Sulfide (CdS) light sensor. The CdS light sensors closely approximate the spectral response of the human eye without the use of an infrared filter.

Features

- Cadmium sulfide light sensor
- MOV rated for 320 Joule/9,500 Amp
- Sealed relay rated for a minimum of 5,000 operations at full load

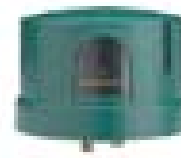
- Turn-Off light level is 1.5 times Turn-On
- Dielectric strength: 5000V per ANSI
- Polypropylene cover, neoprene gasket, brass legs, acrylic window
- Long-life, six-year warranty

Listings

Complies with ANSI C136.10-1996.

D SERIES

Cadmium Sulfide



Example: D120 1.5 STJ BK J50

ORDERING INFORMATION		Specifications subject to change.								Example: D120 1.5 STJ BK J50			
Series Code & Voltage		Turn-on level (ftc)		Light sensor		Time delay (seconds)		Surge protection		Color cover		Package Qty.	
D120	120 Volts (105-130)	1.0	Energy Saver	S	Standard Cadmium Sulfide	(blank)	Instant on and off	J	320 J/9500 Amp MOV (standard)	(blank)	ANSI Std.	J12	12 Units
D124	120/240/277 Volts (105-305)	1.5	ANSI Standard			T	2-5 second Turn-off Delay			BK	Black	J50	50 Units
D240	240 Volts (420-530)	2.6	IES Recommended							BR	Brown		
										P	Upward facing		

DBE SERIES

Button Control



Intended Use

The DBE Series photocontrols are button style controls designed to be installed with lighting that does not use a NEMA receptacle.

Features

- Filtered silicon light sensor
- MOV rated for 190 Joule/4,500 Amp

- Instant turn-on, standard 5-10 second turn-off time delay
- 12", 200°C, 16-gauge standard leads
- Six-year warranty

Listings

Complies with ANSI C136.24. UL and CSA Listed models available.

ORDERING INFORMATION

Specifications subject to change.

Example: DBE124 1.5 TUL J12

Series Code & Voltage	Turn-on level (ftc)	Time delay	Certification	Package Qty.
DBE120 120 Volts (105-130)	1.5 ANSI Standard	T 5-10 Second Turn-off Delay	U CSA Listed ¹	J12 12 Units
DBE124 120-277 Volts (105-305)			UL UL Listed ²	J50 50 Units
DBE347 347 Volts (300-400)				

Notes

- 1 DBE347 & DBE120 Only; CSA Load Rating is 660VA.
- 2 DBE124 Only.

PRODUCT INFORMATION

Wire-in Type

DSW SERIES

Swivel Control



Intended Use

The DSW Series photocontrol mounts to wall mounded luminaires and electrical boxes. It can swivel 360° around its base and 180° from front to back.

Features

- Filtered silicon light sensor
- 190 Joule MOV surge protection
- 1/2" straight pipe thread fits standard
- 1/2" knockout or threaded connector

- 12", 200°C, 16-gauge wire leads
- Swivel mechanism rotates 180° on a single axis for optimal orientation
- Polycarbonate enclosure
- Instant Turn-on, standard 5-10 second Turn-off time delay
- Six-year warranty

Listings

Complies with ANSI C136.24, where applicable. UL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: DSW124 12A J50

Series Code & Voltage	Turn-on level (ftc)	Sensor	Cover color	Package Qty.
DSW124 120-277 Volts	1 1.0-2.0 ftc Turn-on	2 Silicon sensor, 5-10 second off-time delay	A Gray	J12 12 Units J50 50 Units

PRODUCT INFORMATION

Accessories

Intended Use

The DUR103 Series retrofit receptacle kit adapts a light fixture for use with a NEMA locking type photocontrol.

Features

- Aluminum mousing bracket
- Leads - 14" long, 14-gauge stranded, rated for 105°C
- Cup - Rotating polycarbonate cup with locknut
- Electrical Rating: 15A, 480V max

Listings

UL recognized component. Meets NEMA Standards. Meets ANSI Standards. RoHs Compliant.

DUR103 SERIES

Retrofit Receptacle Kit



ORDERING INFORMATION

Specifications subject to change.

Example: DUR103 J6

Series Code & Voltage	Package Qty.
DUR103 120-480 Volts	U 1 Unit
	J6 6 Units
	J50 50 Units

PRODUCT INFORMATION

Accessories

Intended Use

The CAP Series Shorting and Open caps are used with luminaires where lights are to be on continuously (shorting cap) or left off (open cap).

Features

- MOV Rated for 265 Joule/6,000 Amp (shorting cap only)
- Neoprene base gasket has a continuous use temperature of 105°C

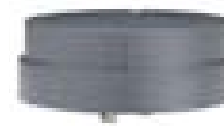
- Brass legs
- Polypropylene cover

Listings

Exceeds ANSI C136.10-1996.

CAP SERIES

Shorting/Open Caps



ORDERING INFORMATION

Specifications subject to change.

Example: DSHORT VBK J12

Series Code & Voltage	Surge protection	Package Qty .
DSHORT	SBK Shorting Cap, Black cover	J12 12 Units
DOPEN	VBK Shorting Cap, 265J MOV, Black cover	J50 50 Units
	SRD Open Cap, Red Cover	



ACCULAMP®

Acculamp LED lamps are ideal one-for-one replacements for common halogen and incandescent lamp sources. Every lamp delivers the look and performance expected from traditional lamp sources, with the added energy-saving benefits of LED technology.

The portfolio offers a comprehensive assortment of LED-based lamps including PAR, MR, AR, BR, A and Candle lamps. Acculamp delivers specification-grade performance in a beautiful, unobtrusive design.



1046



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PAR38



Intended Use

The Acculamp dimmable PAR38 provides 1200 and 2000 lumens and replaces 90 and 150 watt halogen lamps with only 20 or 25 watts respectively. It is available in 2700K and 4000K color temperatures and provides 25 and 45 degree beam angles. Ideal for track, recessed and accent lighting use in both commercial and retail applications.

Features

- Ideal replacement for 150W and 90W halogen PAR38
- Excellent glare control with indirect LED lighting
- Crisp beam and light distribution
- Dimmable down to 10%

- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

DIM Lamp: cETLus Listed to U.S. & Canadian safety requirements. Damp location. Tested in accordance with IESNA LM79 standards. Suitable for use in totally enclosed fixtures per UL1993. ENERGY STAR® qualified.



ORDERING INFORMATION

Specifications subject to change.

Example: ALSP38 2000L DIM

Series		Lumen output ¹		Beam angle		Color temperature		Base	Options	
ALSP38	PAR38 LED Lamp	1200L	20W, 1200 lumens	(blank)	25 degrees	(blank)	2700K	(blank)	E26 base	DIM Dimmable
		2000L	25W, 2000 lumens	45	45 degrees	40K	4000K			

ADDITIONAL INFORMATION

For additional product information, visit www.acculamp.com.

Notes

¹ Total system delivered lumens.

PRODUCT INFORMATION

PAR30



Intended Use

The Acculamp dimmable PAR30 provides 530 lumens and replaces 75 watt halogen lamps with only 15 watts. It is available in 2800K and 4000K color temperatures and provides a 25 degree beam angle. Ideal for track, recessed and accent lighting use in both commercial and retail applications.

Features

- Ideal replacement for 75W equivalent halogen PAR30
- Excellent glare control with indirect LED lighting
- Crisp beam and light distribution
- Dimmable down to 10%

- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements. Suitable for use in totally enclosed fixtures per UL1993. Damp location. Tested in accordance with IESNA LM79 standards.



ORDERING INFORMATION

Specifications subject to change.

Example: ALSP30 530L DIM

Series		Lumen output ¹		Beam angle		Color temperature		Base	Dimming
ALSP30	PAR30 LED Lamp	530L	15W, 530 lumens	(blank)	25 degrees	(blank)	2800K	(blank) E26	DIM Dimmable
						40K	4000K		

ADDITIONAL INFORMATION

For additional product information, visit www.acculamp.com.

Notes

¹ Total system delivered lumens.

Intended Use

The Acculamp dimmable PAR30 short-neck provides 500 lumens and replaces 60 watt halogen lamps with only 11 watts. It is available in 2700K and 4000K color temperatures and provides a 25 degree beam angle. Ideal for track, recessed and accent lighting use in both commercial and retail applications.

Features

- Ideal replacement for 60W equivalent halogen PAR30 short-neck
- Excellent glare control with indirect LED lighting
- Crisp beam and light distribution

- Dimmable down to 10%
- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements. Suitable for use in totally enclosed fixtures per UL1993. Damp location. Tested in accordance with IESNA LM79 standards. ENERGY STAR® qualified.



PAR30s

**ORDERING INFORMATION**

Specifications subject to change.

Example: ALSP30S 500L DIM M24

Series		Lumen output ¹		Beam angle		Color temperature		Base		Dimming		Packaging	
ALSP30S	PAR30 Short-Neck LED Lamp	500L	11W, 500 lumens	(blank)	25 degrees	(blank)	2700K 40K 4000K	(blank)	E26	DIM	Dimmable	M24	Master pack of 24

ADDITIONAL INFORMATIONFor additional product information, visit www.acculamp.com.**Notes**

- 1 Total system delivered lumens.

PRODUCT INFORMATION

PAR20

Intended Use

The Acculamp dimmable PAR20 provides 480 or 530 lumens and replaces 50 watt halogen lamps with only 8 watts. It is available in 2700K and 4000K color temperatures and provides 30 and 45 degree beam angles. Ideal for track, recessed and accent lighting use in both commercial and retail applications.

Features

- Ideal replacement for 50W equivalent halogen PAR20
- Excellent glare control with indirect LED lighting
- Crisp beam and light distribution
- Dimmable down to 10%

- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements. Suitable for use in totally enclosed fixtures per UL1993. Damp location. Tested in accordance with IESNA LM79 standards. ENERGY STAR® qualified.



PAR20

**ORDERING INFORMATION**

Specifications subject to change.

Example: ALSP20 480L DIM

Series		Lumen output ¹		Beam angle		Color temperature		Base		Dimming	
ALSP20	PAR20 LED Lamp	480L	8W, 480 lumens	(blank)	30 degrees ²	(blank)	2700K	(blank)	E26	DIM	Dimmable
		530L	8W, 530 lumens	45	45 degrees ³	40K	4000K				

ADDITIONAL INFORMATIONFor additional product information, visit www.acculamp.com.**Notes**

- 1 Total system delivered lumens.
2 30° available only in 480L.
3 45° available only in 530L.

AR111

**Intended Use**

The Acculamp AR111 provides 450, 530 and 570 lumens and replaces 50 watt halogen lamps with only 11 or 15 watts. It is available in 2800K and 4000K color temperatures and provides 8, 24 and 45 degree beam angles respectively. Ideal for track, recessed and accent lighting use in both commercial and retail applications.

Features

- Ideal replacement for 50W equivalent halogen AR111
- Excellent glare & beam control with indirect LED lighting
- Crisp beam and light distribution

- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements. Suitable for use in totally enclosed fixtures per UL1993. Damp location.



ORDERING INFORMATION

Specifications subject to change.

Example: ALSAR111 450L

Series	Lumen output ¹ /Beam angle	Color temperature	Base	Options
ALSAR111 AR111 LED Lamp	450L 450 lumens / 8 degrees 530L 530 lumens / 24 degrees 570L 570 lumens / 45 degrees	(blank) 2800K 40K 4000K	(blank) GU10 base G53 G53 base ²	R9 High R9 spectral content ³

ADDITIONAL INFORMATION

For additional product information, visit www.acculamp.com.

Notes

- 1 Total system delivered lumens.
- 2 G53 base only available with R9 option.
- 3 R9 option only available with G53 base.

PRODUCT INFORMATION

MR16

MR16

**Intended Use**

The Acculamp MR16 provides 140, 240, 400 and 450 lumens and replaces up to 20W, 35W and 50 watt halogen lamps with only 4, 6 and 8 watts respectively. It is available in 2700K, 3000K and 4000K color temperatures and provides 24 and 36 degree beam angles. Ideal for track, recessed, and accent lighting use in both commercial and retail applications.

Features

- Ideal replacement for 20W, 35W and 50W halogen MR16
- Single source lighting
- Crisp beam and light distribution

- Dimmable down to 10% for 400 lm and 450 lm lamp
- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements Suitable for use in totally enclosed fixtures per UL1993. Damp location. Tested in accordance with IESNA LM79 standards. ENERGY STAR® qualified for 140 lm lamp.



ORDERING INFORMATION

Specifications subject to change.

Example: ALSMR16 450L DIM

Series	Lumen output ¹	Beam angle	Color temperature	Base	Dimming
ALSMR16 MR16 LED Lamp	140L 4W, 140 lumens 240L 6W, 240 lumens 400L 8W, 480 lumens 450L 8W, 450 lumens	(blank) 24 degrees 36 36 degrees	(blank) 3000K (140L & 240L); 2700K (400L & 450L) 40K 4000K	(blank) GU 5.3	DIM Dimmable ²

ADDITIONAL INFORMATION

For additional product information, visit www.acculamp.com.

Notes

- 1 Total system delivered lumens.
- 2 Only available in 400L & 450L.

PRODUCT INFORMATION

Intended Use

The Acculamp dimmable BR20 500 lm, BR30 850 lm and BR40 1045 lm replaces 50W, 75W and 100W incandescent lamps respectively. Its smooth design and consistent warm light distribution delivers performance you expect from traditional incandescent lamps. It is available in 2700K color temperature and ideal for track, recessed and accent lighting use in both residential and commercial applications.

Features

- Ideal replacement for 50W BR20, 75W BR30 and 100W BR40 incandescent lamps



- Consistent light distribution
- Dimmable down to 10%
- 35,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements. Suitable for use in totally enclosed fixtures per UL1993. Damp location. Tested in accordance with IESNA LM79 standards.

BR20/BR30/BR40



ORDERING INFORMATION

Specifications subject to change.

Example: ALEBR30 850L DIM

Series		Lumen output ¹		Color temperature		Base		Options	
ALEBR20	BR20 LED Lamp	500L	8W, 500 lumens	(blank)	2700K	(blank)	E26 base	DIM	Dimmable
ALEBR30	BR30 LED Lamp	850L	12W, 850 lumens						
ALEBR40	BR40 LED Lamp	1045L	17W, 1045 lumens						

Notes

¹ Total system delivered lumens.

A Lamps

PRODUCT INFORMATION

Intended Use

The Acculamp dimmable A15 provides 250 lumens with only 5 watts; A19 provides 420 lumens with only 8 watts and the A21 provides 620 lumens with only 11 watts. The A15 is ideal for ceiling fans, sconces, lamps, use in both commercial and residential applications. The A19 and A21 are ideal for general use areas in both commercial and residential applications.

Features

- Ideal replacement for 30W A15, 40W A19 and 50W A21 incandescent general purpose A lamps
- Similar look to incandescent



- Consistent light distribution
- Dimmable down to 10%
- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements. Suitable for use in totally enclosed fixtures per UL1993. Damp location. Tested in accordance with IESNA LM79 standards. ENERGY STAR® qualified.

A15/A19/A21



ORDERING INFORMATION

Specifications subject to change.

Example: ALGP 420L DIM

Series		Lumen output ¹		Color temperature		Base		Dimming	
ALGP	General Purpose LED A Lamp	250L	5W, 250 lumens, A15	(blank)	2700K (420L); 3000K (250L & 620L)	(blank)	E26	DIM	Dimmable
		420L	8W, 420 lumens, A19						
		620L	11W, 620 lumens, A21						

Notes

¹ Total system delivered lumens.

Candles

PRODUCT INFORMATION

Intended Use

The Acculamp dimmable Candle lamp provides 250 lumens with only 5 watts. It is available in a warm color temperature and provides omnidirectional lighting. Ideal for general use areas in both commercial and residential applications.

Features

- Ideal replacement for 35W incandescent candles
- Similar look to incandescent
- Consistent light distribution



- Dimmable down to 10%
- 50,000 hours
- UV and IR free
- Suitable for use in fully enclosed fixtures per UL1993
- Rated for use in damp locations

Listings

UL & cUL Listed to U.S. & Canadian safety requirements. Suitable for use in totally enclosed fixtures per UL1993. Damp location. Tested in accordance with IESNA LM79 standards. ENERGY STAR® qualified.

CANDLES



ORDERING INFORMATION

Specifications subject to change.

Example: ALCND 250L FSG DIM

Series		Lumen output ¹		Glass color		Color temperature		Base		Dimming	
ALCND	LED Candle Lamp	250L	5W, 250 lumens	FSG	Frosted smooth glass	(blank)	2700K	(blank)	E12 base	DIM	Dimmable
				CSG	Clear smooth glass						

Notes

¹ Total system delivered lumens.



POWER SENTRY®

Power Sentry's reduced-profile fluorescent emergency ballasts and drivers fit in the tightest of applications, including low-profile lensed troffers and 3" louvered parabolic fixtures.



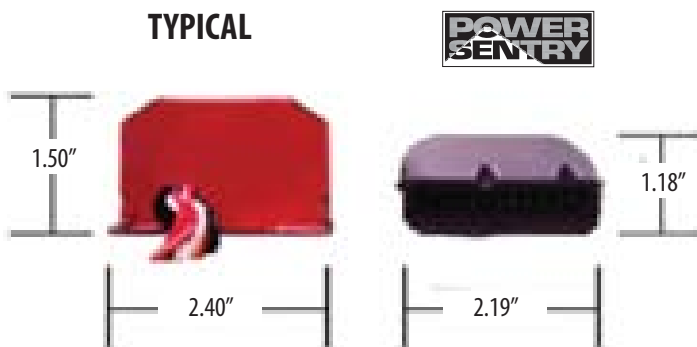
CONTENTS

Emergency Fluorescent Ballasts.....	1052-1055
Self-Diagnostics Module.....	1056
Contractor Select Emergency Ballasts.....	1057
Technical Information.....	1058-1059

POWER SENTRY®



Power Sentry reduced profile products feature an innovative Quick-Disconnect wiring harness that makes field maintenance and upgrades quick and easy. Once the wiring harness has been installed no additional wiring will be required for the life of the fixture.



The reduced-profile Power Sentry housing is designed to fit into the tightest of applications.

Intended Use

Factory- or field-installed inside or outside (field only) a fluorescent fixture to operate lamp(s) at an initial output of 10% to 95% of rated lamp lumens, providing optimum glare-free illumination for a minimum of 90 minutes upon interruption of normal power.

Features

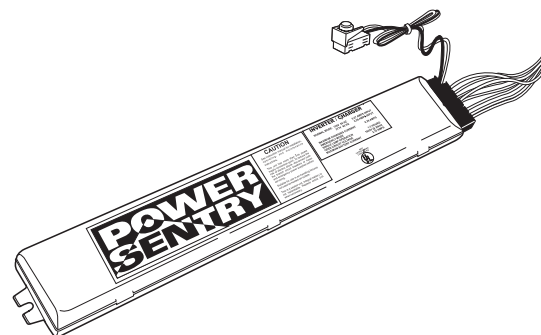
- Mounts concealed within fixture wireway for clean appearance and protection against vandalism
- Reduced-profile footprint fits in the tightest application

- Durable thermoplastic housing resists impact, scratches and corrosion
- Sealed, maintenance-free, high-temperature nickel-cadmium batteries
- Quick-disconnect connector system allows for quick and easy replacements at end of life without re-wiring
- Patents pending. U.S. Patent No. 5,814,971, No. 6,522,147 and No. 6,577,136

Listings

UL Listed. Damp location listing available.

PS
Power Sentry®

**ORDERING INFORMATION**

Specifications subject to change.

Example: PS1400QD MVOLT SD

Series ¹	Options	Factory installation ^{4,5}
PS300QD MVOLT	SD Self-diagnostics ²	EL PS300QD MVOLT installed
PSQ500QD MVOLT	DW UL Listed for use inside damp or wet location listed fixtures 32° to 122°F (0° to 50°C) ³	EL5 PSQ500QD MVOLT installed ⁶
PS600QD MVOLT		EL6 PS600QD MVOLT installed ⁶
PS1400QD MVOLT		EL14 PS1400QD MVOLT installed ⁶

ADDITIONAL INFORMATION

For additional product information, visit www.powersentrysafety.com.

ACCESSORIES	
ORDER SEPARATELY	
PSSD2	Field-installable self-diagnostic modules for PSQ500QD, PS600QD, PS1400QD or PS1400QD
ELA TSPLP	Remote or replacement test switch/pilot light and mounting plate for PS300QD, PSQ500QD, PS600QD, PS1400QD and PS1400QD
ELA TSPLP SD	Remote or replacement test switch/pilot light and mounting plate for self-diagnostics
ELA PSTS	Double-pole, single-throw test switch (no pilot light)
ELA PSMK	External mounting kit ⁷
ELA PSMKSD	External mounting kit for self-diagnostics module
ELA PSDMT	External mounting tray
ELA PSRME	External mounting box for PS300QD, PSQ500QD, PS600QD and PS1400QD

PS300QD/ PS500QD	PS600QD
Length : 9-1/2 (24.1)	Length : 13-7/8 (35.2)
Shipping weight: 1 lb (0.5 kg)	Shipping weight: 2 lbs (0.9 kg)

PS300QD	PS500QD
Length : 9-1/2 (24.1)	Length : 9-1/2 (24.1)
Shipping weight: 1.4 lbs (0.6 kg)	Shipping weight: 1.0 lbs (0.5 kg)

PS600QD	PS1400QD
Length : 9-1/2 (24.1)	Length : 13-7/8 (35.2)
Shipping weight: 1.8 lbs (0.8 kg)	Shipping weight: 4.0 lbs (1.8 kg)

ELECTRICAL APPLICATION DATA

TYPE	AC INPUT		
	VOLTS	AMPS	WATTS
PS300QD MVOLT	120-277	.29	2.5
PS500QD MVOLT	120-277	.29	2.5
PS600QD MVOLT	120-277	.29	3.0
PS1400QD MVOLT	120-277	.29	3.5

Notes

- Lumen rating based on initial output of one 32W T8 lamp.
- Self-diagnostics (PSSD2) module ships separately. See PSSD2 spec sheet for details. Not available on PS300QD.
- Not available with quick-disconnect wire harness. See housing dimensions.
- To order a factory-installed battery pack, add suffix to fluorescent fixture catalog number.
- Add DW to factory-installed suffix to receive as wet or damp location listed, depending on the fixture. Applies to EL, EL5, EL6, EL14. Example: EL14 DW.
- Add SD to suffix to receive self-diagnostics version. Example: EL5SD. Applies to EL5, EL6 and EL14.
- For DW option only.

For lamp/ballast compatibility, see page 1058.

For application guidelines and fixture performance data, see page 1059.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PRODUCT INFORMATION

Emergency Fluorescent Ballasts

PSL

Power Sentry® Low-Profile



Intended Use

Factory- or field-installed inside or outside (field only) a fluorescent fixture to operate lamp(s) at an initial output of 10% to 95% of rated lamp lumens, providing optimum glare-free illumination for a minimum of 90 minutes upon interruption of normal power.

Low-profile footprint and T5 lamp compatibility make the PSL550 and PSL600 battery pack ideal for use in T5 direct/indirect fixtures.

Features

- Dual-voltage input capability (120/277V)
- Sealed, maintenance-free, high-temperature nickel-cadmium batteries
- Housing is permanently sealed steel

Listings

UL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: PSL600

Series		Factory installation	
PSL400	Low-profile, 350 - 450 lumen output - T8, T12	ELSC4	PSL400 installed
PSL550	Low-profile, 390 - 825 lumen output - T5, T8, CFL	EL55	PSL550 installed
PSL600	Low-profile, 650 - 1325 lumen output - T5, T8, CFL	EL65	PSL600 installed

ADDITIONAL INFORMATION

For additional product information, visit www.powersentrysafety.com.

ACCESSORIES
ORDER SEPARATELY

ELA RTS3	Remote test switch and pilot light for the PSL400, PSL550, PSL600 and PS600C
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Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

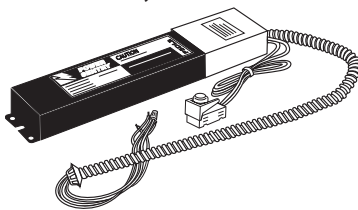
PSL400	PSL550	PSL600

PRODUCT INFORMATION

Power Sentry Compact Fluorescent

PSDL

Power Sentry®



Intended Use

Factory- or field-installed on fluorescent downlighting fixtures to operate lamps at an initial light output of 10% to 95% of full lumen rating, providing optimum glare-free illumination for a minimum of 90 minutes upon interruption of normal power.

Features

- PSDL1 operates one, two-pin 18W or 26W quad-tube compact fluorescent lamp
- PSDL1 2LP operates two, two-pin (13-26W) quad-tube fluorescent lamps
- PSDL2 operates one, two-pin 7W, 9W or 13W compact fluorescent lamp

- PSDL3 operates one or two, four-pin twin-tube (9-13W), triple-tube (18-42W*), quad-tube (13-26W) or 2D compact fluorescent lamp(s). *42W triple-tube is one-lamp only
- Dual-voltage input capability (120/277V)
- Sealed, maintenance-free, high-temperature nickel-cadmium batteries
- Housing is permanently sealed steel enclosure

Listings

UL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: PSDL3 SD

Series	Options	Factory installation ⁴
PSDL1	Bi-pin (18-26W) quad-tube lamps	SD Self-diagnostics ¹
PSDL2	Bi-pin (7-13W) twin-tube or quad-tube lamps	DL UL Listed for damp location 0°-50°C (32°-122°F) ²
PSDL3	Four-pin (9-42W) quad-tube or triple-tube lamps	2LP Operates two, two-pin quad-tube lamps (PSDL1) ³
		EL PSDL1/PSDL2/PSDL3 installed, compact fluorescent
		ELR PSDL1/PSDL2/PSDL3 installed, compact fluorescent with remote pilot light/test switch

ADDITIONAL INFORMATION

For additional product information, visit www.powersentrysafety.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

PSDL1 and PSDL2	PSDL3	PSDL1 2LP

ACCESSORIES

ORDER SEPARATELY

PSSD ²	Field-installable self-diagnostic module for PSDL3
ELA TSPLP	Remote or replacement test switch/mounting plate for PSDL3
ELA PSDMT	External mounting tray (PSDL1, PSDL2, PSDL3)
ELA RTS3	Remote test switch and pilot light for PSDL1 2LP
ELA PSMKSD	Self-diagnostic mounting kit (must be ordered separately)

Notes

- Available on PSDL3. Self-diagnostics (PSSD2) module ships separately.
- Only available on the PSDL3.
- Must specify PSDL1 2LP for two-lamp version. The PSDL3 product may be wired for a two-lamp operation as a standard feature; see wiring diagrams. 2LP option does not need to be specified for the PSDL3.
- To order a factory-installed battery pack, add suffix to fluorescent downlighting fixture catalog number. PSDL1/PSDL2/PSDL3 will be determined automatically based on ballast and lamp type. Add 2LP (example: EL2LP) to suffix to specify two-lamp emergency operation for all four-pin or two-pin quad lamps. (Available for Gotham® downlighting and Lithonia Lighting® downlighting.)

PS48
PS600C
PS3000
Power Sentry®



ORDERING INFORMATION

Specifications subject to change.

Example: PS3000

Series

PS600C	Two-hour emergency operation ¹
PS3000	Full light output ²
PS48	Central 48VDC interface

Factory installation³

EL6C	PS600C installed
EL48	PS48 installed

ADDITIONAL INFORMATION

For additional product information, visit www.powersentrysafety.com.

ELECTRICAL APPLICATION DATA

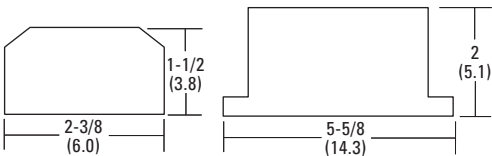
TYPE	AC INPUT		
	VOLTS	AMPS	WATTS
PS600C	120	.28	3.5
PS600C	277	.28	3.5
PS3000	120	.09	9.6
PS3000	277	.04	10.2
PS48	120	.28	3.5
PS48	277	.09	0.5

ACCESSORIES

ORDER SEPARATELY

ELA RTS2	Remote test switch and pilot light for the PS3000)
ELA RTS3	Remote test switch and pilot light (PS600C)
ELA PSTS	Double-pole, single-throw test switch (no pilot light) (PS3000)
ELA PDMT	External mounting tray (PS3000)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Length: 9-3/8 (23.8)
Weight: 2.5 lbs (1.1 kg)

PS48/PS600C

Length: 15-3/8 (39.1)
Weight: 10.3 lbs (4.7 kg)

PS3000

Notes

- 1 PS600C will be discontinued in June 2014. Please consult factory for availability.
- 2 Light output based on one 32W T8 lamp.
- 3 To order a factory-installed battery pack, add suffix to fluorescent fixture catalog number.

PSSD2

Power Sentry®



- Intended Use**
Designed to perform self-diagnostic testing for five minutes every month, 30 minutes every six months and 90 minutes every year. May be factory- or field-installed as part of the test switch/pilot light assembly with the PSQ500DW, PSQ500QD, PS600DW, PS600QD, PS1400DW, PS1400QD, PSDL3 and PS1030.
- Features**
 - Single multi-chromatic status indicator and audible beep to display three-state charging, test activation and three-state diagnostic status
- Audible beep ships disabled and can be enabled/disabled in the field
 - Quick-connect terminal allows for fast and easy installation
- Listings**
UL Listed for use inside damp location listed fixtures 32° to 122° F (0° to 50 C°).

ORDERING INFORMATION		Specifications subject to change.		Example: PSSD2	
Series		Options			
PSSD2	Self-diagnostic module for PSQ500 QD or DW, PS600 QD or DW, or PS1400 QD or DW, PSDL3 and PS1030. U.S. approved for use in damp location listed fixtures 0°-50°C	WRS	FIDO wireless monitoring and reporting (includes power supply)		

ADDITIONAL INFORMATION		For additional product information, visit www.powersentrysafety.com .	
ACCESSORIES			
ORDER SEPARATELY			
ELA TSPLP SD	Remote or replacement test switch/pilot light (with plenum-rated cable) for self-diagnostics		
ELA PSMKSD	External mounting kit for self-diagnostics module		

CONTRACTOR SELECT BATTERY PACKS



Intended Use

Operates one 2' or 4' linear or U-shaped single T8 or T12 fluorescent lamp for 90 minutes. Compatible with most electronic T8 and magnetic T12, instant-start, rapid-start and slimline ballasts. Field-installable only.

Features

- Low-profile black, 20-gauge steel, permanently sealed housing
- Rated 500 lumens with one F32T8 linear 4' lamp. Other lamp lumen ratings will vary

- Patent integrated test switch pilot light. U.S. Patent No. 6,522,147
- Sealed, maintenance-free, high-temperature nickel-cadmium battery
- Dual-voltage input capability (120/277V)

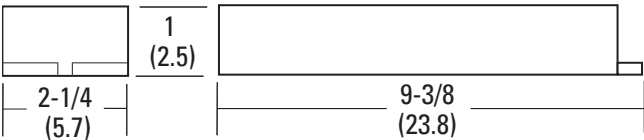
Listings
UL Listed.



ORDERING INFORMATION		Specifications subject to change.			Example: EI500 M12
Catalog number	Description	Volts	Watts	Standard carton qty.	
EI500 M12	500-lumen fluorescent battery pack	120/277	2.3	12	

ADDITIONAL INFORMATION For additional product information, visit www.powersentrysafety.com.

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



POWER SENTRY® EMERGENCY BALLASTS

Lamp/Ballast Compatibility Spacing Guidelines

POWER SENTRY® LAMP BALLAST COMPATIBILITY — UL LISTED PRODUCTS														
LAMP TYPE	WATTAGE	PS300QD	PSQ500QD	PS600QD	PS1400QD	PSL400	PSL550	PSL600	PS600C	PS3000	PS48	PSDL1	PSDL2	PSDL3
24" - 48" T5	14-28			■ ¹	■ ¹		■ ¹	■ ¹		■ ¹				
24" - 48" T5H0	24-54			■ ¹	■ ¹		■ ¹	■ ¹		■ ¹				
U-lamp T8	16-32	■ ¹	■ ¹	■ ^{1,2}	■ ^{1,2}	■ ¹				■ ^{1,2}	■ ^{1,2}			
24" - 48" T8	17-32	■ ¹	■ ¹	■ ^{1,2}	■ ^{1,2}	■ ¹	■ ¹	■ ¹	■ ³	■ ^{1,2}	■ ^{1,2}			
48" - 60" T8	32-40			■ ^{1,2}	■ ^{1,2}		■ ¹	■ ¹		■ ¹	■ ¹			
60" - 96" T8	40-59			■ ¹	■ ¹					■ ¹				
96" T8H0	86													
Circline T9	20-40	■ ¹	■ ¹	■ ¹	■ ¹					■ ¹	■ ¹			
U-lamp T12	34-40	■ ¹	■ ¹	■ ^{1,2}	■ ^{1,2}	■ ¹				■ ^{1,2}	■ ^{1,2}			
24" - 48" T12	20-40	■ ¹	■ ¹	■ ^{1,2}	■ ^{1,2}	■ ¹			■ ³	■ ^{1,2}	■ ^{1,2}			
60" - 96" T12	50-75			■ ¹	■ ¹					■ ¹	■ ¹			
24" - 48" T12H0	35-60			■ ¹	■ ¹					■ ¹	■ ¹			
60" - 96" T12H0	70-110			■ ¹	■ ¹					■ ¹	■ ¹			
24" - 48" T12VH0	74-115			■ ¹	■ ¹					■ ¹	■ ¹			
60" - 96" T12VH0	135-215			■ ¹	■ ¹					■ ¹	■ ¹			
PL Twin-Tube (2-Pin)	9-13										■ ¹		■ ¹	
PL Quad-Tube (2-Pin)	13-26										■ ¹	■ ^{1,4}	■ ¹	
PL Twin-Tube (4-Pin)	9-13			■ ¹	■ ¹						■ ^{1,2}			■ ¹
PL Quad-Tube (4-Pin)	13-26			■ ¹	■ ^{1,2}					■ ¹	■ ^{1,2}			■ ^{1,2}
Triple-Tube (4-Pin)	18-32			■ ¹	■ ^{1,2}					■ ¹	■ ^{1,2}			■ ^{1,2}
Triple-Tube (4-Pin)	42			■ ¹	■ ¹					■ ¹	■ ^{1,2}			■ ¹
Long Compact (4-Pin)	18-40	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹			■ ¹	■ ¹	■ ^{1,2}			
Long Compact (4-Pin)	36-55						■ ¹	■ ¹	■ ¹		■ ¹			

■ = Available

POWER SENTRY® SPACING GUIDELINES ^{5,6,7}																							
2X2												2X4								TURRET INDUSTRIALS			
		2GT8 2 U316		2SP8 2 U316		2AV 2 CF40		2PM3N 2 U316		2PM0 2 U31		2GT8 3 32		2SP8 3 32		2AV3 3 32		2PM3N3 3 32		2PM03 3 32		AF 2 96	
		CATALOG NUMBER	1FC		1FC		1FC		1FC		1FC		1FC		1FC		1FC		1FC		1FC		
		AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.	AVG.	MIN.
CORRIDOR	PS300QD	18	14	20	14	14	12	17	14	17	13	20	16	24	16	18	14	21	16	21	16	--	--
	PSQ500QD	32	18	31	18	24	17	27	18	27	16	32	22	35	22	28	20	32	22	32	19	--	--
	PS600QD	39	21	40	20	29	21	35	20	28	17	40	25	43	24	34	25	40	25	40	20	--	--
	PS1400QD	58	29	54	30	53	29	48	29	42	21	47	31	57	25	59	32	53	31	43 ⁸	25	--	--
OPEN OFFICE	PS300QD	16	13	16	13	14	12	14	12	14	12	16	13	16	14	13	11	17	14	18	14	--	--
	PS500QD	26	17	27	17	24	16	24	17	23	17	26	17	29	17	21	15	27	18	29	17	--	--
	PS600QD	32	19	33	18	29	18	29	16	28	19	32	18	35	19	26	17	34	20	35	18	--	--
	PS1400QD	26 ⁸	25	47	24	47	26	38	22	26 ⁸	22	47	24	47	24	47	25	45	27	33 ⁸	22	--	--
INDUSTRIAL	PS1400QD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25	23

Notes

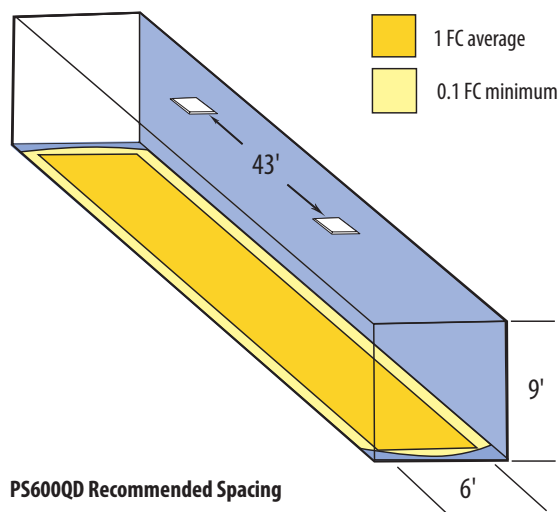
- One-lamp emergency operation for one-, two-, three- or four-lamp ballasts.
- Two-lamp emergency operation for two-, three- or four-lamp ballasts.
- One-lamp, two-hour emergency operation for two-, three- or four-lamp ballasts.
- 2LP option required for two-lamp emergency operation in fixtures with two or more lamps.
- All spacings are intended to be guidelines. Results will vary if application deviates from dimensions or assumptions stated below.

- Meets Life Safety Code® standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes a 1.0 FC minimum requirement. Assumes 3 T8 lamps in each fixture, 6' wide path of egress and a 9' ceiling height (exception: 18' ceiling on industrials).
- Assumptions to arrive at these spacings: Open office dimensions/reflectances: 100' L x 80' W x 9' H with 80/50/20 reflectances. Corridor dimensions/reflectances: 100' L x 8' W x 9' H with 80/50/20 reflectances. Industrial dimensions/reflectances: 200' L x 200' W x 18' H with 10/10/10 reflectances.
- Limited spacing due to 40:1 max-to-min ratio requirement by NFPA 101.

POWER SENTRY® EMERGENCY BALLASTS

Spacing Guidelines

Corridor Spacing



PS600QD Recommended Spacing

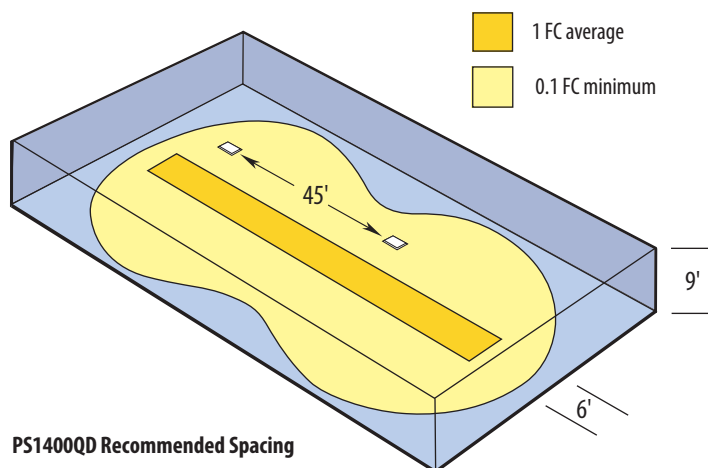
Fluorescent battery pack: PS600QD

Fluorescent fixture: Lensed troffer

Lamp type: F32T8

POWER SENTRY® RECOMMENDED CENTER-TO-CENTER SPACING FOR CORRIDORS ¹			
ONE FOOTCANDLE AVERAGE SPACING GUIDELINES			
	T8 LENSED TROFFER	T8 DIRECT/INDIRECT	T8 PARABOLIC
PS300QD	24'	18'	21'
PSQ500QD	35'	28'	32'
PS600QD	43'	34'	40'
PS1400QD	57'	59'	53'

Open Office Spacing



PS1400QD Recommended Spacing

Fluorescent battery pack: PS1400QD

Fluorescent fixture: 2 x 4 parabolic

Lamp type: F32T8

POWER SENTRY® RECOMMENDED CENTER-TO-CENTER SPACING FOR OPEN OFFICES ²			
ONE FOOTCANDLE AVERAGE SPACING GUIDELINES			
	T8 LENSED TROFFER	T8 DIRECT/INDIRECT	T8 PARABOLIC
PS300QD	16'	13'	17'
PSQ500QD	29'	21'	27'
PS600QD	35'	26'	34'
PS1400QD	47'	47'	45'

Notes

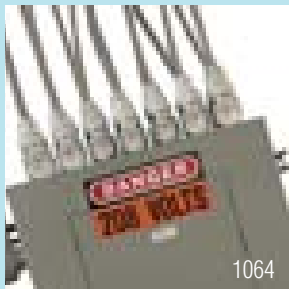
- 1 Meets Life Safety Code® standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes three T8 lamps in each fixture, 8'W X 100' L corridor, ceiling height of 9' and reflectances of 80/50/20.
- 2 Meets Life Safety Code® standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes three T8 lamps in each fixture, 100'W X 100' L open office, ceiling height of 9' and reflectances of 80/50/20.



RELOC[®] WIRING SOLUTIONS

Since 1977, RELOC Wiring Solutions has been the leader in modular branch circuit wiring for light fixtures, featuring comprehensive plug-and-play modular wiring solutions from the lighting panel to the light fixture, power receptacles and other utilization equipment.

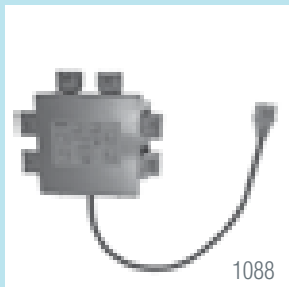
RELOC wiring offers the lowest total job cost versus traditional wiring methods due to substantial labor savings realized when installing a fast, easy and effective RELOC system. Key applications include open and recessed ceilings, retail applications, raised-floor systems and healthcare facilities.



1064



1066



1088

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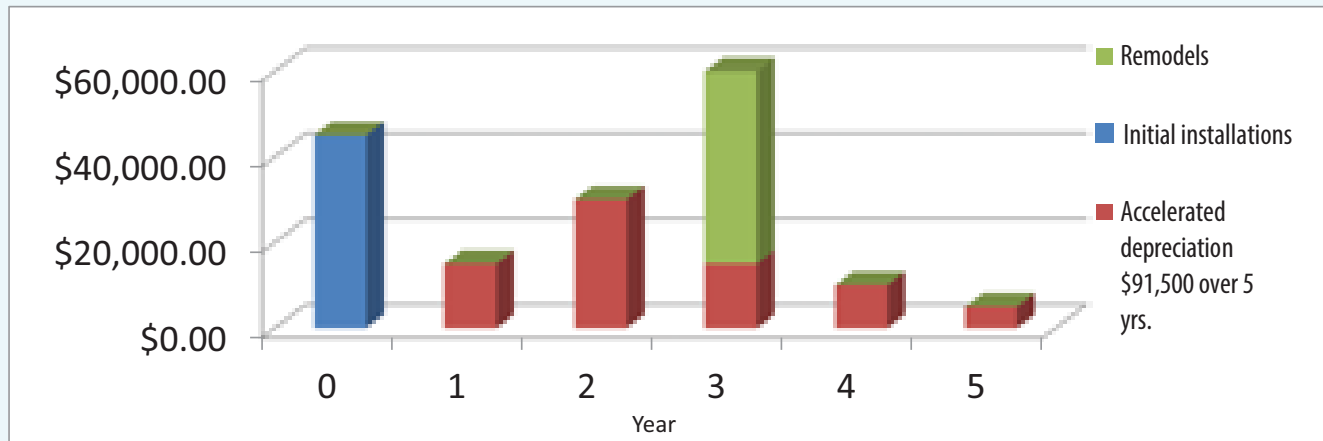
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RELOC SYSTEMS OVERVIEW	ONEPASS®	QUICK-FLEX®	SYSTEM 820
Usage	Indoor, dry and accessible areas	Indoor, dry and accessible areas	Indoor, dry and accessible areas
Amperage	20 AMPS	20 AMPS	20 AMPS
Applications	Open-ceiling lighting	Recessed-ceiling lighting	Commercial lighting commercial power
Number of contacts	5	4	5
Number of conductors	3-5	3-4	3-5
Size of conductors	12 AWG, 10 AWG	12 AWG	12 AWG
Luminaire grounding	Ground lead	UL listed for auto-grounding; optional ground lead available (G option)	UL listed for auto-grounding; optional ground lead available (G option)
Size of fixture leads	18 AWG	18 AWG	18 AWG
Fixture access plate included	No	No	No
Phase selection	Circuit selector	Crossover cable	Crossover cable
Keying (available voltages)	120V, 208V, 277V, 347V, 480V	120V, 208V, 277V, 347V	120V, 208V, 277V, 347V, 480V, 1G
Latching type	Metal latch high-tensile plastic latch	High-tensile plastic latch	Metal latch
Listing	UL/cUL	UL/cUL	UL, CSA
NYC approval	Calendar number 48273	Calendar number 47802	Calendar number 48072
Cable type	FMC, MC	MC	FMC
Combo factory wiring option	Yes See page 113 for more wiring options	Yes See page 113 for more wiring options.	Yes See page 113 for more wiring options.
Cable & cord color	Cable - all colors Cord - white, black	Not available	Used with open ceiling applications only.
Usable in other spaces used for environmental air NEC (300.22C)	No	Yes	Yes
Temperature rating	-20°C to 90°C (105°C for cord products)	-20°C to 90°C	-20°C to 90°C
Dust cover	Provided with each master pack Additional covers: order part number RDC3 METAL DUST COVER J50	Provided with each master pack Additional covers: order part number QUICKFLEX DUST COVER J50 US 6,083,053; US 6,102,733; US 6,113,435; US 6,126,490	Provided with each master pack Additional covers: order part number RDC3 METAL DUST COVER J50
Patents	US 5,679,016		

TOTAL SAVINGS OF RELOC

Savings of Modular Wiring



Total 5 year savings = **\$188,526**

CONTRACTOR BENEFITS

- Lowest installed cost
- On-site labor reduced up to 70%
- Increased profit, productivity and safety
- Enhanced project management
- Easy to install

OWNER BENEFITS

- Lowest cost of ownership
- Building on-time and in-budget
- Accelerated depreciation
- Shorter time to occupancy
- Sustainable wiring



Extend Your Savings

Back to the Panel

with RELOC® Mainrun Cable

Now the benefits of RELOC wiring can be realized all the way back to the breaker panel. RELOC offers a comprehensive plug-and-play modular wiring solution from the RELOC prefab panel out to the lighting fixtures and power receptacles including a full line of power poles and multi-outlet assemblies.

Back to the Panel Selection Guide

Run Lengths	Number of circuits per run	Conductor size	Products
Less than 100 feet	3 circuits maximum	10 AWG maximum	RELOC panel kit with RELOC system cables
			RELOC prefab panel with RELOC system cables
50 to 300 feet	3 to 12 circuits	8 AWG maximum	RELOC mainrun cable
Greater than 300 feet			RELOC mainrun cable with distribution box and RELOC system cables
			RELOC mainrun cables with pull box

RELOC Prefab Panel (RPP)

RELOC now offers a factory-wired lighting or power breaker panel with your choice of panel manufacturer. Panels are supplied with all the breakers pre-wired to RELOC starter connectors mounted in the cabinet.

RELOC Panel Kit (RPK)

When using the RELOC prefab panel isn't possible, the RPK gives you an easy way to field-wire RELOC starter connectors to your panels.

RELOC Mainrun Cable (RMC)

The RELOC mainrun cable extends your savings from the home run junction box back to the breaker panel.

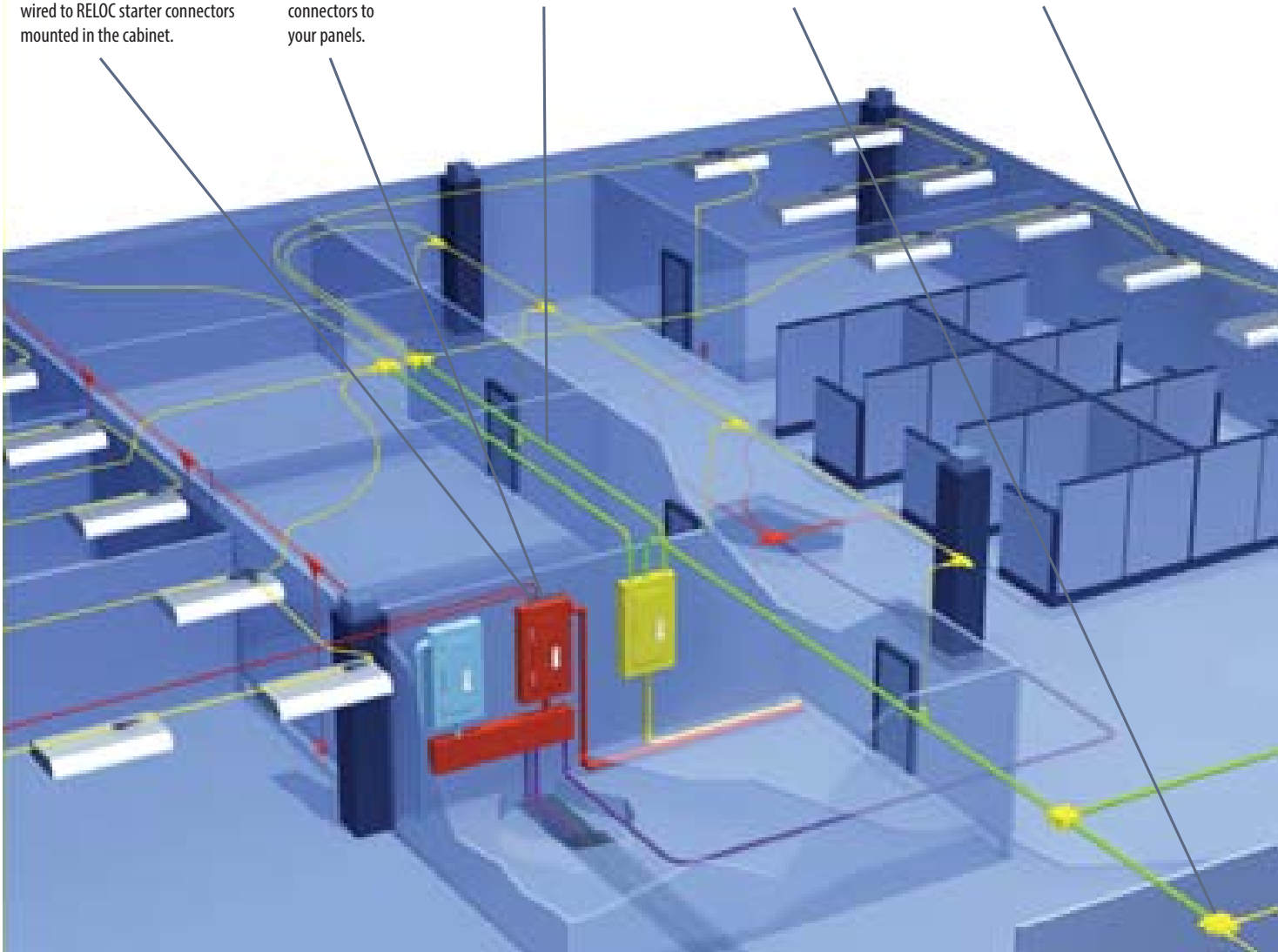
RELOC Mainrun Cable - Distribution Box Option

For maximum savings, order the RELOC mainrun cable with the distribution box primary pre-wired with RELOC starters.

RELOC Modular Systems

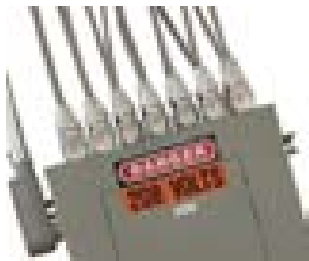
RELOC offers three systems uniquely designed for specific applications:

- OnePass® wiring for open-ceiling lighting
- Quick-Flex® wiring for recessed ceiling lighting
- System 820 for power



RPP

RELOC® Prefab Panel



Intended Use

Standard electrical panel used to house circuit breakers and other overcurrent protection devices. RELOC Prewired Panel is configured with one or more RELOC ports to distribute circuits to utilization equipment.

Features

- Panels are provided as series-rated; fully-rated panels are available
- Isolated ground and 2H/2N wiring to RELOC ports available
- All internal load-side wiring uses 12 AWG stranded copper THHN (90°C)

- Available with up to 14 RELOC ports with up to three circuits per RELOC ports
- Compatible with RELOC Systems 820, Quick-Flex® and OnePass® modular wiring systems
- Available from the following manufacturers: GE, Square D and Siemens
- Fully labeled to indicate circuits available at each port

Listings

UL and cUL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: RPP 42 P2 100 IC5 MLT SS SD RP

Series	Number of circuits ¹	Voltage	Maximum rating	Current rating	Main feed options	Mounting	Manufacturer ²	Options ³
RPP RELOC prefab panel	18 24 36 42	P1 120/208V P2 277/480V	100 100 amp 125 125 amp 225 225 amp	1CS 5kAIC	MLT Main lug top MLB Main lug bottom MBT Main breaker top MBB Main breaker bottom	SS Standard surface	GEN General Electric SD Square D SM Siemens	RP RELOC ports

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- ¹ 36-circuit pole panels will have at least 30 circuits full of feeder breakers. 42-circuit pole panels will have at least 36 circuits full of feeder breakers.
- ² All panels will be provided as a series-rated panel unless a fully rated panel is clearly specified.
- ³ RP option ensures the panel is assembled with RELOC ports and all internal wiring is complete.

PRODUCT INFORMATION

Panel Products

RPK

RELOC® Panel Kit



Intended Use

The RELOC panel kit enables the start of a RELOC wiring system at the panel in the field.

Features

- Rated for use on 20A branch circuits
- All conductors are 12AWG branch circuits
- All components provide a fully-rated 12AWG grounding conductor
- Male/female design allows removal of a device without additional components
- Kit includes 14 starter units for System 820 and OnePass®

- Kit includes up to 21 starter units for Quick-Flex
- Color-coded labels for quick voltage identification
- Each starter provided with 72" wire leads

Listings

UL and cUL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: RPK 120CD

Series	Voltage/Output connection
RPK RELOC panel kit	120 120V CD System 820 circuit distributor ¹ 208 208V OC OnePass converter ¹ 347 347V QC Quick-Flex converter ² 480 480V

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- ¹ CD and OC include 14 five-wire starters.
- ² QC includes 21 four-wire starters.

PRODUCT INFORMATION

Main Distribution

Intended Use

An economic alternative to the site-constructed conduit and wire or metal cable (MC) normally used from the panel to a distribution point or between pull boxes. When combined with the distribution box primary (DBP) the RMC is a complete modular solution.

Features

- Coiled on a reel and shipped on a pallet
- Capacity for 8 AWG-12 AWG hot conductors and 6AWG-12AWG neutral conductors

- All conductors are type THHN rated for 90°C
- Pull tape available
- RMC provides various levels of modularity that allows the user to order the specific combination of conductors required and install it directly at the site
- Suitable for use in other environmental air areas used for NEC 300.22 (c)

Listings

Assembly of all UL Listed components.

RMC

RELOC® Mainrun Cable



Example: RMC 130 10/8H 10/8N 10/1G 4CD120DN

ORDERING INFORMATION				Specifications subject to change.				Example: RMC 130 10/8H 10/8N 10/1G 4CD120D							
Series/Number of channels		Length ¹		Hot conductor properties ²		Neutral conductor properties ³				Ground conductor properties ⁴					
RMC	RELOC mainrun cable	500-300	Cable armor in feet	8/_H	8-gauge wire with _hot conductors	6/_N	6-gauge wire with _neutral conductors	8/_N	8-gauge wire with _neutral conductors	12/_N	12-gauge wire with _neutral conductors	8/_G	8-gauge wire with ground conductors	12/_G	12-gauge wire with ground conductor
				10/_H	10-gauge wire with _hot conductors			10/_N	10-gauge wire with _neutral conductors			10/_G	10-gauge wire with ground conductors		
				12/_H	12-gauge wire with _hot conductors										
Panel end lengths		Options		Distribution box port configuration ^{5,7}				Pull box port configuration ^{5,8}							
(blank)	10 ft	(blank)	None	(blank)	Not required	5__F	15 Circuits, 1 Neutral, 3 Circuits per port ⁶	(blank)	Not required						
A	20 ft	T	Pull box	12__D	12 Circuits, 4 Neutrals, 1 Circuit per port	4__F	12 Circuits, 1 Neutral, 3 Circuits per port ⁶	PB4__D	4 Circuits, 1 Neutral, 1 Circuit per port						
B	Custom			9__D	9 Circuits, 3 Neutrals, 1 Circuit per port	3__F	9 Circuits, 1 Neutral, 3 Circuits per port ⁶	PB6__D	6 Circuits, 1 Neutral, 1 Circuit per port						
				6__D	9 Circuits, 9 Neutrals, 1 Circuit per port	2__F	6 Circuits, 1 Neutral, 3 Circuits per port ⁶	PB8__D	8 Circuits, 1 Neutral, 1 Circuit per port						
				9__DN	9 Circuits, 9 Neutrals, 1 Circuit per port	4__F	12 Circuits, 4 Neutrals, 3 Circuits per port ⁶	PB4__F	8 Circuits, 1 Neutral, 2 Circuits per port						
				6__DN	6 Circuits, 6 Neutrals, 1 Circuit per port	3__F	9 Circuits, 3 Neutrals, 3 Circuits per port ⁶	PB6__F	12 Circuits, 1 Neutral, 1 Circuit per port						
				4__DN	8 Circuits, 8 Neutrals, 2 Circuits per port	2__F	6 Circuits, 2 Neutrals, 3 Circuits per port ⁶	PB8__F	16 Circuits, 1 Neutral, 2 Circuits per port						

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Available in 10-foot increments.
- Specify number of hot conductors (1-12) in blank.
- Specify number of neutral conductors (1-6) in blank.

- Specify number of ground conductors (1 or 2) in blank.

- Specify system distribution port type for (CD = 820 System; QC = QuickFlex; OC=OnePass) and specify voltage (120, 277, 480, 208, 240) in blank. Example: PB4OC277D or 4QC120F.

- Configuration can note be used with Quick-Flex QC.

- Consult a factory for custom requirements.

- If RMC with Pull Box required, standard RMC with DBP (Distribution Box) is needed to complete the modular run.

PRODUCT INFORMATION

Main Distribution

Intended Use

A modular junction box that allows transition from oversized conductors used in the RELOC mainrun cable (RMC) to the RELOC modular wiring system. Available in two sizes, the DBP can be used in an open ceiling, above a hung ceiling, and below a raised floor, including low-profile raised floors.

Features

- Two sizes: 9"x9" (up to six RELOC ports) and 12"x12" (up to 12 RELOC ports)
- Low-profile DBP is 1.7" high
- Rated for 20A branch circuit use
- Isolated ground and two hots and two neutral wiring available

- All internal wiring uses 12AWG stranded copper THHN (90°C)
- Compatible with RELOC Systems 820, Quick-Flex® and OnePass®
- The DBP is normally provided with an integrated RMC attached and all ports and conductors labeled to show circuit assignments
- Can be provided without a RMC, allowing the circuits to be field-wired to the DBP
- Available with up to 12 RELOC ports; up to three circuits per RELOC port
- Suitable for use in other environmental air areas used for NEC 300.22 (c)

Listings

UL and cUL Listed.

DBP

Distribution Box Primary



Example: DBP 120 4CD

Series		Voltage						Output connection ²		Options			
DBP	Distribution box primary	120	120V	240	240V ¹	347	347V	_CD	System 820 circuit distributor ^{3,4}	2N	Two hots and neutrals	PB	Pull box ⁷
		208	208V ¹	277	277V	480	480V ¹	_OC	OnePass converter ^{3,4}	IGW	Isolated ground wire	LP	Low-profile box
		220	220V ¹					_QC	Quick-Flex converter ^{1,5,6}				

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Not available with IGW and 2N options.
- Minimum output ports available is 2. Maximum output ports available is 12. Specify number of ports per box in blank.

- CD and OC - three circuits available for 120V, 277V and 347V. Three phase circuit or two circuit available for 208V, 220V, 240V, and 480V.
- CD and OC - 120V, 277V and 347V two circuits available with 2N option only.

- QC - two circuits for 120V, 277V and 347V.
- QC - not available in 208V, 220V, 240V and 480V.
- Maximum number of output connections available with PB option is 8.

ONEPASS®



Intended Use

The OnePass system offers quick installation of industrial fixtures plus the flexibility to relocate fixtures in the future. Patented components allow both fixtures and wiring to be installed at the same time or in one pass significantly reducing labor. Ideal for manufacturing facilities, warehouses, retail facilities and distribution centers.

Traditional hardwiring requires three or more passes to install conduit, pull wire and hang fixtures. Using the OnePass system, only three basic components and one pass are needed. Faster installation reduces labor costs and the total job cost.

Ideal for manufacturing, warehouses, retail and distribution facilities.

Features

- Available with Class I and Class II (CI, CII) wiring
- Fixture removal can be accomplished without interrupting the branch circuit wiring
- System replaces conventional cord & plug

Listings

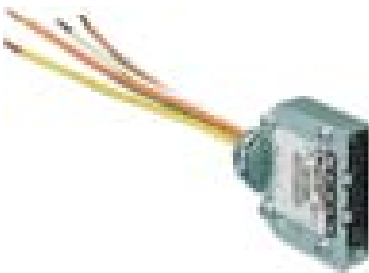
UL Listed to U.S. and Canadian safety standards.

PRODUCT INFORMATION

OnePass

OC

OnePass® Converter



Intended Use

Provides the interface between hardwiring and the OnePass system at homerun location.

Features

- Rated for use on 20-amp branch circuits
- 6" leads prestripped 5/8" for ease of wiring
- Installs through 1/2" knockout; locknuts provided
- EXT option enables OC to be installed in hot and cold applications (-40°C to +75°C)
- Type of insulation for EXT option is based on NEC Table 310.13 (A)

- Dust Cover available for unused ports: RDC3 METAL DUST COVER

Controls-Enabled Wiring

- CI, CII 0-24V Integrated single-circuit and two 18AWG signal wires (0-10V or DALI)
- Low Voltage Cable system external to OnePass system for multi-circuit 0-24V dimming (0-10V or DALI)

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: OC 277 12/4G

Series ¹	Voltage	Conductors ²	Controls Wiring Options	Options
OC	120 120V	12/2G Two 12AWG conductors plus one 12AWG ground	(blank) Not required	(blank) Not required
	208 208V	12/3G Three 12AWG conductors plus one 12AWG ground	LVC 3 position connector system for 0-10V/DALI wiring	2N Two circuit, two neutral ³
	240 240V	12/4G Four 12AWG conductors plus one 12AWG ground ³	C12S Integrated-CI, CII rated line voltage and signal wires ⁴	EXT Extreme temperature rated conductors ⁵
	277 277V			
	347 347V			
	480 480V			

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- ¹ Standard wire lead length is 6 inches. Consult factory for longer lengths.
- ² Conductors available in 12AWG only. If 10AWG is required, OSC2 must be used.
- ³ 2N options available only in 120, 277, 347 voltages and only with 12/4G conductors.
- ⁴ C12S available with 12/2G conductor only.
- ⁵ EXT option required for extreme hot and cold temperature applications (-40 to 75°C).

PRODUCT INFORMATION

OnePass

Intended Use

A plug-in connection for open ceiling fixtures. Prewired by fixture manufacturer or field installed by contractor.

Features

- Rated for use on 20-amp branch circuits
- 18AWG rubberized cord rated for 600V, 105°C temperature containing a fully rated ground conductor
- Molded circuit identifier denotes position of each conductor
- Safety-keying prevents accidental mating of components with different voltages

- Pin and socket contacts
- Color-coded labels for quick voltage identification
- Dust cover available for unused ports: RDC3 METAL DUST COVER

Listings

UL Listed to U.S. and Canadian safety standards.

OCS

Patented OnePass® Circuit Selector Unit



Example: OCS 277

ORDERING INFORMATION

Specifications subject to change.

Series	Voltage	Conductors	Length ⁶	Options
OCS	120	120V ^{1,4}	(blank)	(blank)
	277	277V ^{1,4}	6 ft	White cord
	347	347V ^{1,4}	10	10 ft
			15	15 ft
			20	20 ft
			25	25 ft
	208	208V ^{2,3}		BK
	240	240V ^{2,3}		Black cord
	480	480V ^{2,3}		IMP
				IMP connector
				RRL
				RELOC Ready Luminaire ⁷

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 120V, 277V, and 347V two-circuit, two-neutral applications require the OCU to pick up the second hot and neutral.
- 2 For two-circuit 208V, 240V and 480V applications, the OCU TAP34 is required to pick up the 2nd circuit.
- 3 208V, 240V and 480V options have two selector switches for selection of any 2 of the 3 positions available.

4 120V, 277V, and 347V, and 18/3G options have two selector switches for selecting two tap positions.

5 120V, 277V, and 347V have one selector switch.

6 For standard lengths listed. Consult factory for custom requirements.

7 RRL option will require the fixture description to have wiring instruction. See page 113 for ordering information (i.e. RRLA, RRLAE).

PRODUCT INFORMATION

OnePass

Intended Use

The OnePass Circuit Unselectable is a plug-in connection for industrial fixtures. The OCU can be prewired by fixture manufacturer or field installed.

Features

- 5 conductors are required to drop to lighting fixtures
- Cord is 18AWG rubberized cord rated for 600V, 105°C temperature containing a fully rated ground conductor

Listings

UL Listed to U.S. and Canadian safety standards.

OCU

OnePass® Circuit Unselectable



Example: OCU 277 TAP123 10

ORDERING INFORMATION

Specifications subject to change.

Series	Voltage	Tap Positions ¹	Length	Options
OCU	120	120V	(blank)	(blank)
	277	277V	6 ft	White cord
	347	347V	10	10 ft
			15	15 ft
			20	20 ft
			25	25 ft
	208	208V		BK
	240	240V		Black cord
	480	480V		RRL
				RELOC Ready Luminaire ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 TAP position indicates the hot conductor's pin position.
- 2 2N not available in 208V, 240V, and 480V.
- 3 Each configuration of 22N and 122N requires 12/4G 2N or 10/4G 2N OnePass components to complete the system.
- 4 RRL options will require the fixture description to have wiring instruction. See page 113 for ordering information (i.e. RRLA, RRLAE).

OC2

OnePass® Cable, Two-Port

**Intended Use**

The OnePass cable 2 port is a splitter and cable extender in one easy-to-use component. Used to bring power to OCS, OCU or an OD in industrial applications, or to split a circuit into two directions.

Features

- Rated for use on 20-amp branch circuits only
- All components provide a fully-rated No.12 AWG grounding conductor
- Safety-keying prevents accidental mating of components with different voltages
- Color-coded labels for quick voltage identification
- EXT option enables OC2's to be installed in hot and cold applications (-40°C to +75°C)

- Dust cover available for unused ports: RDC3 METAL DUST COVER

Controls-Enabled Wiring

- C1,C11 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)
- Low Voltage Cable system external to RELOC system for multi-circuit 0-24V dimming (0-10V or DALI)
- Pre-terminated and tested CAT5 cables external to RELOC system for Sensor Switch, nLight and LC&D XPoint fixture level control

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: OC2 277 12/4G 09

Series	Voltage	Conductors	Length ³	Control Wiring Options	Options	Finish ⁸
OC2	120	120V ¹ 12/2G Two 12AWG conductors plus one 12AWG ground	05 5 ft	(blank) Not required	(blank) Not required	(blank) Not required
	208	208V 12/3G Three 12AWG conductors plus one 12AWG ground	09 9 ft	C12S Integrated, C1/C11 rated line voltage and signal wires ⁴	2N Two circuit, two neutral ¹	RD Red
	240	240V 12/4G Four 12AWG conductors plus one 12AWG ground ¹	15 15 ft	CAT5_ Pre-terminated & tested CAT5 cable attached, specify length ⁵	EXT Extreme temperatures rating conductors ^{2,7}	BK Black
	277	277V ¹ 10/2G Two 10AWG conductors plus one 10AWG ground	21 21 ft	LVC 3 position connector system for 0-10V/DALI wiring ⁶		WH White
	347	347V ¹ 10/3G Three 10AWG conductors plus one 10AWG ground	25 25 ft			BE Beige
	480	480V 10/4G Four 10AWG conductors plus one 10AWG ground ^{1,2}	31 31 ft			
			35 35 ft			

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 2N available in 120V, 277V, and 347V; 12/4G and 10/4G conductors only.
- 2 EXT option required for extreme hot and cold temperature applications (-40-75°C).
- 3 Standard lengths listed. Consult factory for custom lengths.
- 4 C12S available with 12/4G conductors only.

- 5 CAT5 cable length must be the OC2 length plus the fixture drop length (OCS/OCU/OD). i.e. OC2 277 12/3G 21 CAT527.
- 6 Low Voltage cable attached externally to cable.
- 7 EXT not available with 10/4G conductors.
- 8 Colored cable available up to 35ft. Contact factory for other finishes.

PRODUCT INFORMATION

OnePass

OSC2

OnePass® Starter Cable, Two-Port

**Intended Use**

The OnePass starter cable 2 port provides the interface between hardwiring and the OnePass® system. A converter and extender in one component wired into the homerun junction box brings power to the OCS, OC2, OCU, or OD.

Features

- Rated for use on 20-amp branch circuits
- 10AWG or 12AWG, MC Cable with 90°C thermoplastic insulation and all conductors rated at 600V
- All components provide a fully-rated No. 12 AWG & 10 AWG grounding conductor
- Safety-keying prevents accidental mating of components with different voltages

- Fits a standard 1/2" trade size knockout
- Color-coded labels for quick voltage identification

Controls-Enabled Wiring

- C1,C11 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)
- Low Voltage Cable system external to RELOC system for multi-circuit 0-24V dimming (0-10V or DALI)
- Pre-terminated and tested CAT5 cables external to RELOC system for Sensor Switch, nLight and LC&D XPoint fixture level control

Listings

UL Listed to U.S. and Canadian safety standards.

ORDERING INFORMATION

Specifications subject to change.

Example: OSC2 277 12/4G 09

Series	Voltage	Conductors	Length ³	Controls Wiring Options	Options	Finish ⁸
OSC2	120	120V ¹ 12/2G Two 12AWG conductors plus one 12AWG ground	05 5 ft	(blank) Not required	2N Two circuit, two neutral ¹	RD Red
	208	208V 12/3G Three 12AWG conductors plus one 12AWG ground	09 9 ft	C12S Integrated, C1/C11 rated line voltage and signal wires ⁴	EXT Extreme temperature rating conductor ^{2,7}	BK Black
	240	240V 12/4G Four 12AWG conductors plus one 12AWG ground	15 15 ft	CAT5_ Pre-terminated & tested CAT5 cable attached, specify length ⁵		WH White
	277	277V ¹ 10/2G Two 10AWG conductors plus one 10AWG ground	21 21 ft	LVC 3 position connector system for 0-10V/DALI wiring ⁶		BE Beige
	347	347V ¹ 10/3G Three 10AWG conductors plus one 10AWG ground	25 25 ft			
	480	480V 10/4G Four 10AWG conductors plus one 10AWG ground ²	31 31 ft			
			35 35 ft			

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 2N available in 277V, 120V, and 347V; 12/4G and 10/4G conductors only.
- 2 EXT not available with 10/4G conductors.
- 3 Standard lengths listed. Consult factory for custom lengths.
- 4 C12S available with 12/4G conductors only.

- 5 CAT5 cable length must be the OC2 length plus the fixture drop length (OCS/OCU/OD). i.e. OC2 277 12/3G 21 CAT527.
- 6 Low Voltage cable attached externally to cable.
- 7 EXT option required for extreme hot and cold temperature applications (-40-75°C).
- 8 Colored cable available up to 35ft. Contact factory for other finishes.

PRODUCT INFORMATION

OnePass

Intended Use

Allows miscellaneous devices (exits, emergency units, etc.) to become part of the OnePass system to be field installed by contractor. Also a plug-in connection for industrial fixtures that can be prewired by fixture manufacturer or field installed by contractor.

Features

- Rated for use on 20-amp branch circuits
- All conductors are 12 AWG copper with 90°C thermoplastic insulation rated 600V
- Safety-keying prevents accidental mating of components with different voltages

- Type of insulation for EXT option is based on NEC Table 310.13 (A)

- Dust cover available for unused ports: RDC3 METAL DUST COVER

Controls-Enabled Wiring

- CI, CII 0-24V Integrated single-circuit and two 18AWG signal wires (0-10V or DALI)
- Low Voltage Cable system external to OnePass system for multi-circuit 0-24 dimming (0-10V or DALI)

Listings

UL Listed to U.S. and Canadian safety standards.

OD

OnePass® Drop Cable



ORDERING INFORMATION

Specifications subject to change.

Example: OD 277 12/2G 15

Series	Voltage		Conductor ²		Length ³		Control Wiring Options	Options	Finish ⁸	
OD	120	120V ¹	12/2G	Two 12AWG conductors plus one 12AWG ground	01	1 ft	(blank) Not required	(blank) Not required	(blank)	Not required
	208	208V	12/3G	Three 12AWG conductors plus one 12AWG ground	05	5 ft	C12S Integrated, C1/C11 rated line voltage and signal wires ⁴	2N Two circuit two neutral ¹	RD	Red
	240	240V			10	10 ft	LVC 3-position connector system for 0-10V/DALI wiring ⁵	EXT Extreme temperature rating conductors ⁶	BK	Black
	277	277V ¹	12/4G	Four 12AWG conductors plus one 12AWG ground	15	15 ft		RRL RELOC Ready Luminaire ⁷	WH	White
	347	347V ¹			20	20 ft			BE	Beige
	480	480V			25	25 ft				
					30	30 ft				

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 2N available in 277V, 120V, and 347V; 12/4G conductors only.
- Conductors not available in 10AWG. 12AWG will plug into 10AWG product.
- Standard lengths listed. Consult factory for custom lengths.
- C12S available with 12/2G conductors only.
- Low Voltage cable attached externally to cable.

- EXT options required for extreme hot and cold temperature applications (-40 to 75°C).
- RRL option will require the fixture description to have wiring instruction. See page 113 for ordering information (i.e. RRLA, RRLAE).
- Colored cable available up to 35 ft. Contact factory for other finishes.

PRODUCT INFORMATION

OnePass

Intended Use

Splits a branch circuit into two directions. Male/female component that can be used anywhere in the OnePass system.

Features

- Rated for use on 20-amp branch circuits
- All conductors are 12 AWG copper with 90°C thermoplastic insulation rated 600V
- All components provide a fully-rated No. 12AWG grounding conductor
- Safety-keying prevents accidental mating of components with different voltages

- Type of insulation for EXT option is based on NEC Table 310.13 (A)

- Dust Cover available for unused ports: RDC3 METAL DUST COVER

Controls-Enabled Wiring

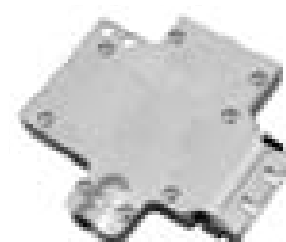
- CI, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)
- Low Voltage Cable system external to OnePass system for multi-circuit 0-24V dimming (0-10V or DALI)

Listings

UL Listed to U.S. and Canadian safety standards.

OSS

OnePass® Splitter Splice



ORDERING INFORMATION

Specifications subject to change.

Example: OSS 120 12/4G

Series	Voltage		Conductors ¹		Controls Wiring Options		Options
OSS	120	120V	277	277V	12/2G	Two 12AWG conductors plus one 12AWG ground	(blank) Not required
	208	208V	347	347V	12/4G	Four 12AWG conductors plus one 12AWG ground	C12S Integrated, C1/C11 rated line voltage and signal wires ²
	240	240V	480	480V			LVC 3-position connector system for 0-10V/DALI wiring ³
							EXT Extreme temperature rating conductors ⁴

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Conductors available in 12/4G only. 12AWG will plug into 10AWG product and two neutral (2N) product.
- C12S available with 12/2G conductors only.
- Low Voltage cable attached externally to splitter housing.
- EXT options required for extreme hot and cold temperature applications (-40 to 75°C).

PRODUCT INFORMATION

ONEPASS® EXTREME

**Intended Use**

Modular wiring to cover the most demanding low and high temperature environments (-40°C to 75°C). Extend savings with OnePass® EXTREME to warehouse coolers and freezers, food distribution and unheated facilities.

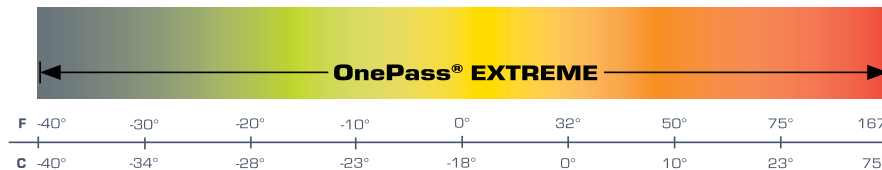
Features

- Quick and easy maintenance and relocation

- Minimize facility down-time
- Easily integrates with other Acuity Brands' luminaires and controls
- Five-year limited warranty

Listings

UL Listed to U.S. and Canadian safety standards.



ORDERING INFORMATION

Specifications subject to change.

Example: OC2 277 12/4G 09 EXT

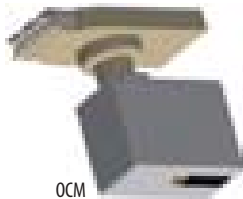
Series

For OnePass EXTREME simply add "EXT" on the end of all OnePass ordering nomenclature.

PRODUCT INFORMATION

OnePass Control Module

OCM



OCM

Intended Use

Seamlessly integrates Sensor Switch, nLight and LC&D X-Point relays and control devices into the OnePass wiring system allowing for zone level or luminaire level switching and dimming control.

Features

- Rated for use on 20-amp branch circuits
- All conductors are No. 12 AWG copper with 90° C thermoplastic insulation rated 600V

- Safety-keying prevents accidental mating of components with different voltages
- Pin and socket contacts
- Color-coded labels for quick voltage identification

Listings

UL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: OCM 277 1PP20

Series	Voltage	# of devices	Device type ^{2,3,4}	Switching/Dimming	Controls Wiring
OCM 1-port	120 120V	1	<u>Sensor Switch</u>	(blank) Single level switching with unswitched hot	(blank) Not required
OCM2 2-port ¹	277 277V		PP20	2LU Two level switching with unswitched hot ⁶	C12S Integrated CI, CII rated line voltage and signal wires ^{8,9}
			SP20	1LD Single level with dimming wires ⁷	
			PP202P		
			<u>LC&D X-Point</u>		
			XP1		
			XP2		
			XPDIM		

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 OCM2 always carries unswitched power through on parallel port and switched output on the switched/dimming port.
- 2 Refer to the Controls's device type spec sheets for temperature and local code requirements.
- 3 Consult factory for use with other controls devices.
- 4 nLight devices 16-amp rated.
- 5 nPS150 & nPS250 is used only when the nLight graphical

wall switch is used (nPOD GFX).

- 6 2LU option can only be used with the PP202P & XP2.
- 7 1LD option valid with C12S and nIOD options only.
- 8 C12S option used only with other OnePass system components require the integrated CI, CII controls wiring.
- 9 Consult factory for deep dim applications when <10% dimming is required for use with non-Acuity Brand fixtures.

Intended Use

Seamlessly integrates Sensor Switch, nLight and LC&D X-Point relays and control devices into the OnePass wiring system allowing for zone level or luminaire level switching and dimming control.

Features

- Rated for use on 20-amp branch circuits
- Safety-keying prevents accidental mating of components with different voltages

- All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V
- All components provide a fully-rated No. 12 AWG grounding conductor
- Pin and socket contacts
- Color-coded labels for quick voltage identification

Listings

UL Listed.

RCM

RCM2

Example: RCM 120 1 PP20

ORDERING INFORMATION		Specifications subject to change.					
Series	Voltage	# of devices	Device type ^{2,3}	Switching/Dimming	Controls Wiring		
RCM 1-port	120 120V	1	<u>Sensor Switch</u> nLight ⁴	(blank) Single level switching with unswitched hot	(blank) Not required		
RCM2 2-port ¹	277 277V		PP20 nPP16	2LU Two level switching with unswitched hot ⁶	C12S Integrated CI, CII rated line voltage and signal wires ^{8,9}		
			SP20 nSP16	1LD Single level with dimming wires ⁷			
			PP202P nI0D				
			nPS80				
			<u>LC & D X-Point</u> nPS150 ⁵				
			XP1 nPS250 ⁵				
			XP2				
			XPDM				

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- RCM2 always carries unswitched power through on parallel port and switched output on the switched/dimming port.
- Refer to the Controls's device type specsheets for temperature and local code requirements.
- Consult factory for use with other controls devices.
- nLight devices rated for use on 16-amp branch circuits only.
- nPS150 & nPS250 are used only when the nLight graphical wall switch is used (nPOD GFX).

- 2LU option can only be used with the PP202P & XP2.
- 1LD option valid with C12S and nI0D options only.
- C12S option used only with other 820 system components require the integrated CI, CII controls wiring.
- Consult factory for deep dim applications when <10% dimming is required for use with non-Acuity Brand fixtures or equipment.

PRODUCT INFORMATION

System 820 Control Module

Intended Use

Seamlessly integrates Sensor Switch, nLight and LC&D X-Point relays and control devices into the OnePass wiring system allowing for zone level or luminaire level switching and dimming control.

Features

- Rated for use on 20-amp branch circuits
- Safety-keying prevents accidental mating of components with different voltage

- All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V
- All components provide a fully-rated No. 12 AWG grounding conductor
- Pin and socket contacts
- Color-coded labels for quick voltage identification

Listings

UL Listed.

RCMKO**Example:** RCMKO 277 1PP20

ORDERING INFORMATION		Specifications subject to change.					
Series	Voltage	# of devices	Device type ^{1,2}	Switching/Dimming	Controls Wiring		
RCMKO 1-port	120 120V	1	<u>Sensor Switch</u> nLight	(blank) Single level switching with unswitched hot	(blank) Not required		
	277 277V		PP20 nPP16 ³	2LU Two level switching with unswitched hot ⁵	C12S Integrated CI, CII rated line voltage and signal wires ^{7,8}		
			SP20 nSP16 ³	1LD Single level with dimming wires ⁶			
			PP202P nEPP5KO ⁴				
			nSP5D ⁴				
			<u>LC&D X-Point</u>				
			XP1				
			XP2				
			XPDM				

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Refer to the Controls's device type specsheets for temperature and local code requirements.
- Consult factory for use with other controls devices.
- nPP16 & nSP16 are 16-amp rated.
- nEPP5KO & nSP5D are 5-amp rated.
- 2LU option can only be used with the PP202P & XP2.

- 1LD option valid with C12S and nI0D options only.
- C12S option used only with other 820 system components require the integrated CI, CII controls wiring.
- Consult factory for deep dim applications when <10% dimming is required for use with non-Acuity Brand fixtures or equipment.

SYSTEM 820



Intended Use

Five-wire system accommodates applications requiring three circuits with a common neutral; or two circuit and two neutrals; or two circuits, one neutral and an isolated ground.

Features

- Fast. Economical. Easy. Small connector heads make it ideal for use in tight quarters and small raceways
- With the full family of 820 products, any branch circuit can be quickly and easily wired

- Traditional wiring for intelligent lighting required separate runs for Class I and Class II wiring; whereas, RELOC can provide DALI wiring or 0-10v dimming wiring within ONE simple, pluggable wiring system
- System 820 Solutions: RELOC modular wiring systems are engineered to work seamlessly with all intelligent lighting applications for normal, night lights, and emergency lighting

CD Circuit Distributor



Intended Use

The Circuit Distributor provides the interface between hardwiring and RELOC. Conventional wiring methods bring power from the panel to the homerun location where the CD is installed.

Features

- Extremely low-profile
- Rated for use on 20-amp branch circuits
- All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V
- All components provide a fully-rated No. 12 AWG grounding conductor
- Safety-keying prevents accidental mating of components with different voltages

- Accommodates up to three hot conductors plus neutral and ground feed-through of branch circuits in a single component
- Color-coded labels for quick voltage identification
- 6" leads are prestripped 5/8" for ease of wiring

Controls-Enabled Wiring

- CI, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)

Listings

UL Listed and CSA Certified. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: CD 120 F 2N

Series	Voltage	Conductors	Length ¹	Controls Wiring Options	Options
CD	120 120V	D Three	(blank) 6" wire leads	(blank) Not required	(blank) Not required
	208 208V	E Four	01 1 ft	C12S Integrated CI, CII rated line voltage and signal wires ²	2N Two circuit, two neutral ³
	240 240V	F Five	03 3 ft		IGW Isolated ground wire ⁴
	277 277V		05 5 ft		HCF Meets healthcare facility requirements ⁵
	347 347V		09 9 ft		
	480 480V		15 15 ft		

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- ¹ Standard lengths listed. Consult factory for custom.
- ² C12S available with D conductor only.
- ³ 2N available with 120V, 277V, 347V and F conductor only.
- ⁴ IGW available with 120V and E and F conductors only.
- ⁵ HCF option available only when cable length specified.

PRODUCT INFORMATION

Intended Use

Male/female cable that provides power from fixture to fixture. The SSC attaches directly into the access plate or through 1/2" trade-size knockout.

Features

- Available in varying lengths to suit most common fixture spacing requirements
- Auto-latching springs prevent accidental disengagement
- Green Armor standard for easy identification in healthcare facilities (HCF option)

Controls-Enabled Wiring

- CI, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)

- Pre-terminated and tested CAT5 cables external to System 820 for Sensor Switch, nLight LC&D X-Point fixture level control
- RRL connector (displayed in picture to the right) is an option for System 820. The connector will be factory attached to the cable. The matting connector will be pre-wired based on the appropriate wiring instruction selection for the luminaire. See page 113 for fixture ordering information

Listings

UL Listed. Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities (HCF option).

SSC

Standard Selector Cable



Example: SSC 120 F U 11 G

ORDERING INFORMATION

Specifications subject to change.

Series	Voltage	Conductors	Factory keying	Length ¹	Controls Wiring Options	Options
SSC	120 120V	D Three	U	05 5 ft	(blank) Not required	(blank) Not required
	277 277V	E Four		07 7 ft	C12S Integrated CI, CII rated line voltage and signal wires ²	2N Two circuit, two neutral ⁴
	347 347V	F Five		09 7 ft	CAT5_ Pre-terminated & tested CAT5 cable attached to SSC, specify length ³	HCF Meets healthcare facility requirements ⁴
				11 11 ft		G Ground wire ^{5,6}
				13 13 ft		RRL RELOC Ready Luminaire ⁷
				15 15 ft		

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Standard lengths listed. Consult factory for custom lengths.
- C12S available with D conductor only.
- CAT5 option must be at least 2 ft. longer than SSC.
- Available with F conductor only.

5 G option must be included with HCF option.

6 G option required for use in Canada.

7 RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information. (i.e. RRLA, RRLAE)

PRODUCT INFORMATION

Intended Use

Male/female cable that provides additional length anywhere throughout the 820 system.

Features

- Available in varying lengths to suit most common fixture spacing requirements
- Auto-latching springs prevent accidental disengagement
- Green Armor standard for easy identification in healthcare facilities (HCF option)

Controls-Enabled Wiring

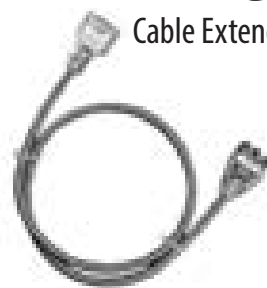
- CI, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)
- Pre-terminated and tested CAT5 cables external to System 820 for Sensor Switch, nLight LC&D X-Point fixture level control

Listings

UL Listed. Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities (HCF option).

CE

Cable Extender



Example: CE 277 F U 11

ORDERING INFORMATION

Specifications subject to change.

Series	Voltage	Conductors	Factory keying	Length ¹	Controls Wiring Options	Options
CE	120 120V	D Three	U	05 5 ft	19 19 ft (blank) Not required	(blank) Not required
	208 208V	E Four		07 7 ft	21 21 ft C12S Integrated CI, CII rated line voltage and signal wires ²	2N Two circuit, two neutral ⁴
	240 240V	F Five		09 7 ft	25 25 ft CAT5_ Pre-terminated tested CAT5 cable attached to CE, specify length ³	HCF Meets healthcare facility requirements ⁴
	277 277V			11 11 ft	31 31 ft	IGW Isolated ground wire ⁵
	347 347V			13 13 ft	35 35 ft	
	480 480V			15 15 ft		

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Standard lengths listed. Consult factory for custom lengths.
- C12S available with D conductor only.
- CAT5 length must be at least 2 ft. longer than CE length. If DC or PT is used to power fixtures, include their length in the CAT5 length required and two feet.
- Available with F conductor only, and 120V, 277V and 347V.
- IGW available with 120V, E and F conductors only.

SS

Splitter Splice

**Intended Use**

Used to split branch circuit into two directions in commercial or power applications.

Features

- All components provide a fully-rated No. 12 AWG grounding conductor
- Safety-keying prevents accidental mating of components with different voltages

- Accommodates up to three hot conductors plus neutral and ground feed-through of branch circuits in a single component
- Color-coded labels for quick voltage identification

Controls-Enabled Wiring

- CI, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)

Listings

UL Listed. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Specifications subject to change.

Example: SS 277 F U

Series	Voltage		Conductors		Factory keying	Control Wiring Options		Options ²	
SS	120	120V	F	Five	U	(blank)	Not required	(blank)	Not required
	208	208V	D	Three		C12S	Integrated CI, CII rated line voltage and signal wires ¹	IGW	Isolated ground wire ³
	240	240V							
	277	277V							
	347	347V							
	480	480V							

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

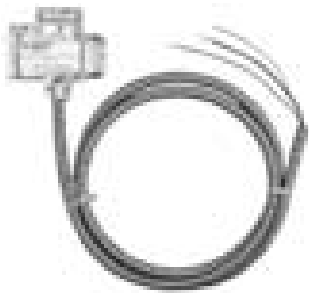
- ¹ C12S available with D conductor only.
- ² Standard SS will plug into 2N option
- ³ IGW available with 120V only.

PRODUCT INFORMATION

System 820

ST

Switching Tee

**Intended Use**

The Switching Tee, located above the primary switch location, introduces local switching to RELOC systems. It provides local switched power and unswitched power to be used as needed for subsequent fixtures.

Features

- Rated for use on 20-amp branch circuits
- All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V
- All components provide a fully-rated No. 12 AWG grounding conductor
- Safety-keying prevents accidental mating of components with different voltages

- Color-coded labels for quick voltage identification
- Safety-keying prevents accidental mismatching of components
- Male/female design allows removal of a device without additional components
- Green Armor standard for easy identification in healthcare facilities

Listings

UL Listed. Listed and labeled to comply with Canadian Standards. IBEW union assembled. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities.

ORDERING INFORMATION

Specifications subject to change.

Example: ST 277 D1 P U 08

Series	Voltage		Conductors/ Switching function				Drop type		Factory keying	Length ¹		Options
ST	120	120V	D	Three	1	One-level	P	Protected	U	01	1 ft	(blank) Not required
	277	277V	E	Four	2	Two-level				06	6 ft	N One neutral wire provided in drop ²
	347	347V								08	8 ft	HCF Meets healthcare facility requirements ³
										09	9 ft	
										15	15 ft	

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- ¹ Standard lengths listed. Consult factory for custom lengths.
- ² Neutral available with D conductor only.
- ³ HCF available with E2 conductor only.

PRODUCT INFORMATION

System 820

Intended Use

A through-wired component that makes it possible to select which branch circuit conductor feeds a specific device. Also provides power to devices used on convenience power, access floor systems and commercial lighting.

Features

- Enables receptacle outlets or utilization equipment (e.g., exit signs) to become a part of the RELOC system
- Prestripped solid-copper leads for easy installation into side, back or push-in type terminals
- Green Armor standard for easy identification in healthcare facilities

- Auto-latching springs prevent accidental disengagement
- Installs through standard 1/2" trade-size knockout

Controls-Enabled Wiring

- C1, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)

Listings

UL Listed. Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities.

PT

Power Tee

**Example:** PT 120 F1 A 09 IGW

ORDERING INFORMATION

Specifications subject to change.

Series	Voltage		Conductors/Tap position				Drop type		Length ¹		Controls Wiring Options		Options	
PT	120	120V	F	Five	1	One hot; pin position 1	A	Armored	01	1 ft	(blank)	Not required	(blank)	Not required
	277	277V			2	One hot; pin position 2			03	3 ft	C12S	Integrated, C1/C11 rated line voltage and signal wires	2N	Two circuit, two neutral ²
	347	347V			3	One hot; pin position 3			05	5 ft			HCF	Meets healthcare facility requirements ³
					12	Two hots; pin position 1 and 2			07	7 ft			IGW	Isolated ground wire ⁴
					13	Two hots; pin position 1 and 3			09	9 ft			RRL	RELOC Ready Luminaire ⁵
					23	Two hots; pin position 2 and 3			11	11 ft				
					123	Three hots; pin position 1, 2 and 3			13	13 ft				
									15	15 ft				

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.**Notes**

- Standard lengths listed. Consult factory for custom lengths.
- 2N option available with tap positions 2 & 12.
- HCF option available with tap positions 123 only.

⁴ IGW available with 120V only.⁵ RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information (i.e. RRLA, RRLAE).

PRODUCT INFORMATION

System 820

Intended Use

The Drop Cable provides integration of other electrical devices into the RELOC[®] system, such as power outlets and power strips. The use of conventional pipe and wire is not required in these applications to convey the wiring.

Features

- Rated for use on 20-amp branch circuits
- All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V
- All components provide a fully-rated No. 12 AWG grounding conductor
- Safety-keying prevents accidental mating of components with different voltages
- Color-coded labels for quick voltage identification

- Accommodates up to three hot conductors plus neutral and ground feed-through of branch circuits in a single component
- Enables receptacle outlets or utilization equipment (e.g., exit signs) to become a part of the RELOC system
- Prestripped solid-copper leads for easy installation into side, back or push-in type terminals
- Green Armor standard for easy identification in healthcare facilities

Controls-Enabled Wiring

- C1, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)

Listings

UL Listed. Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities.

DC

Drop Cable

**Example:** DC 120 F U 05 2N

ORDERING INFORMATION

Specifications subject to change.

Series	Voltage				Conductors		Factory keying	Length ¹				Control Wiring Options		Options	
DC	120	120V	277	277V	D	Three	U	05	5 ft	11	11 ft	(blank)	Not required	(blank)	Not required
	208	208V	347	347V	E	Four		07	7 ft	13	13 ft	C12S	Integrated, C1/C11 rated line voltage and signal wires ²	2N	Two circuit, two neutral ³
	240	240V	480	480V	F	Five		09	9 ft	15	15 ft			HCF	Meets healthcare facility requirements ³
														IGW	Isolated ground wire ⁴
														RRL	RELOC ready luminaire ⁵

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.**Notes**

- Standard lengths listed. Consult factory for custom lengths.
- C12S available with D conductor only.
- Available with F conductor only.

⁴ IGW available with 120V, E and F conductor only.⁵ RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information (i.e. RRLA, RRLAE).

CSU

Circuit Selector Unit



Intended Use

Provides wiring of any device through a ½" trade size knockout. The CSU uses No.12 AWG leads that allow for full circuit access.

Features

- Accommodates up to three hot conductors plus neutral and ground feed-through of branch circuits in a single component
- Auto-latching springs prevent accidental disengagement

- Extremely low-profile

Controls-Enabled Wiring

- CI, CII 0-24V integrated single-circuit and two 18AWG signal wires (0-10V or DALI)

Listings

UL Listed and listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities.

ORDERING INFORMATION

Specifications subject to change.

Example: CSU 120 F U 2N

Series	Voltage	Conductors	Factory keying	Control Wiring Options	Options
CSU	120 120V	F Five	U	(blank) Not required	(blank) Not required
	277 277V			C12S Integrated CI, CII rated line voltage and signal wires	2N Two circuit, two neutral
	347 347V				IGW Isolated ground wire ¹ RRL RELOC Ready Luminaire ²

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- IGW available with 120V only.
- RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information (i.e. RRLA, RRLAE).

PRODUCT INFORMATION

System 820

RRCA

Replacement RELOC® Cord Assembly



Intended Use

Ideal for retrofit projects that use the RCA (RELOC cord assembly). Existing and new 820 system components are used with the RRCA.

Features

- Safety-keying prevents accidental mismatching of components with different voltages

- Additional labeling properly denotes type and position of each conductor
- Male/female design allows removal without adding components

Listings

UL Listed, CSA Certified.

ORDERING INFORMATION

Specifications subject to change.

Example: RRCA 277 F123

Series	Voltage	Tap position ²	Length ⁵	Finish
RRCA	120 120V ¹	F123 1, 2 and 3 ³	(blank) 6 ft	(blank) White cord
	208 208V	F1234 1, 2, 3 and 4 ⁴	10 10 ft	
	240 240V		15 15 ft	
	277 277V ¹			
	480 480V			

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Consult factory for two-circuit, two-neutral options for 120V and 277V.
- 18/4G cord standard.
- Available with 120V and 277V only.
- Available with 208V, 240V or 480V only.
- Standard lengths listed. Consult factory for custom lengths.

Intended Use

The Quick-Flex system costs less than other wiring methods for commercial lighting in healthcare facilities, offices, schools and other accessible ceiling applications. Quick-Flex systems are simple and utilize components that snap together in a fraction of the time required for MC cable or other traditional wiring methods.

Features

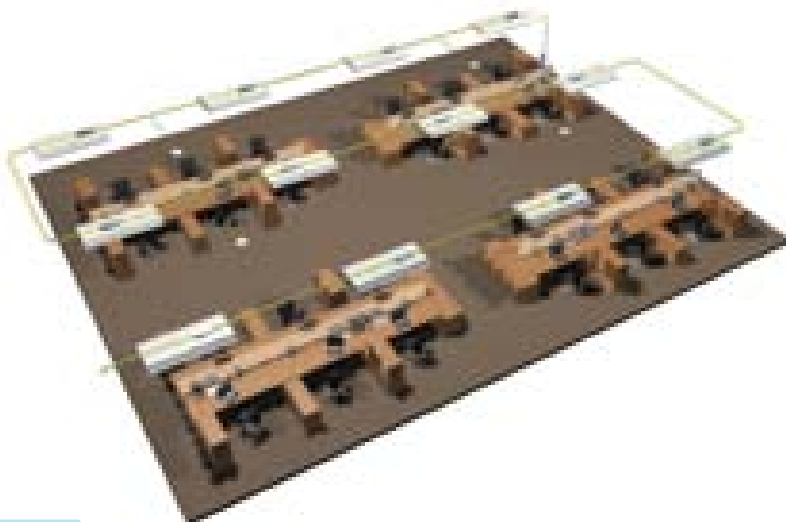
- The Quick-Flex fixture cable reduces the amount of time spent sorting materials at the job site and cuts on-site disposable cost
- Provides 25% savings on total installed cost*

Listings

UL Listed to U.S. and Canadian safety standards.

*Based on a typical single-circuit, 30-ft x ture application on 10-foot centers with a \$55/hr. labor rate (USD). Labor time based on RS Means data.

RRL connector (displayed in picture to the right) is an option for Quick-Flex. The connector will be factory attached to the cable. The mating connector will be pre-wired based on the appropriate wiring instruction selection for the luminaire. See page 113 for fixture ordering information.



QUICK-FLEX®



PRODUCT INFORMATION

RELOC HCF for Healthcare Facilities

Intended Use

With HCF, you can extend the RELOC® savings you have enjoyed in schools, offices, warehouses, manufacturing and retail into your healthcare installations.

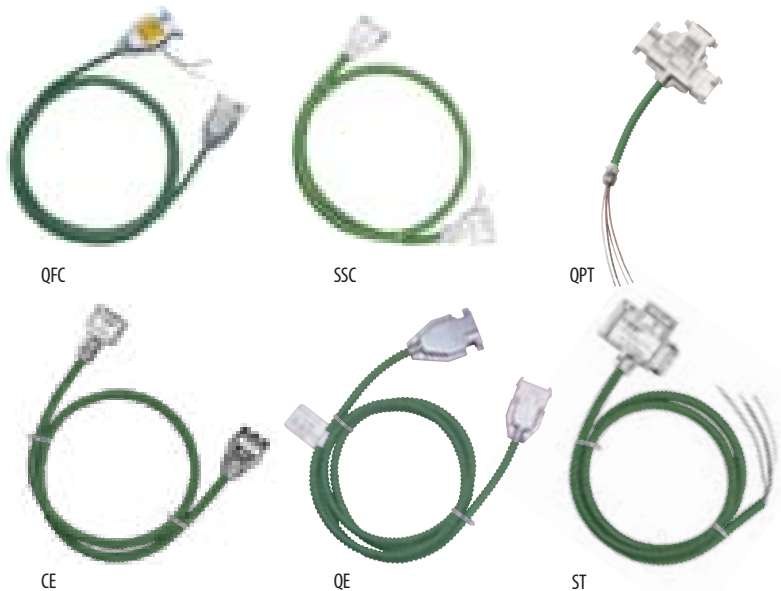
For use in hospitals, nursing homes, limited care facilities, clinics, medical and dental offices and ambulatory care centers.

Features

- Redundant ground paths for patient care areas in healthcare facilities per NEC 517.13 (A) & (B)
- Green ground wiring for connection to the fixture is standard with HFC
- Easy-to-identify lightweight green armor

HCF

for Healthcare Facilities



ORDERING INFORMATION

Ordering is easy. Simply add HCF to the end of existing RELOC model numbers.

SYSTEM/APPLICATION	STANDARD PRODUCTS	FOR HEALTHCARE
Quick-Flex® - 4 conductors with fixture ground wire	QFC277 12/3G13G	QFC277 12/3G13G HCF
820 System - 5 conductors with fixture ground wire	SSC 120 F 11 G	SSC 120 F 11 G HCF

QC

Quick-Flex® Converter



Intended Use
Female converter provides the interface between hardwiring and Quick-Flex at the homerun location. Conventional wiring methods bring power from the panel to the homerun location or above a switch location where the QC is installed.

- Features**
- Rated for use on 20-amp branch circuits
 - All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V
 - All components provide a fully-rated No. 12 AWG grounding conductor
 - Safety-keying prevents accidental mating of components with different voltages

- Installs through 1/2" knockout; no locknuts required
- HCF option includes green armor for easy identification in healthcare facilities for QC's that require armor

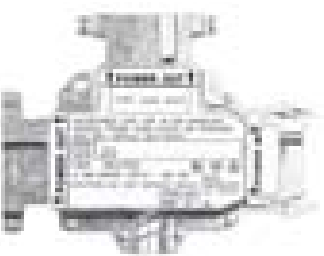
Listings
UL Listed, and built to UL Standard 183 for Manufactured Wiring Systems and suitable for air handling spaces above grid ceiling as described in NEC 300.22(C). Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for Patient Care Areas in healthcare facilities (HCF option).

ORDERING INFORMATION				Specifications subject to change.				Example: QC277 12/3G	
Series	Voltage		Conductors/Length ¹		Length ^{1,2}		Options		
QC	120	120V	12/2G	Two 12AWG conductors plus one 12AWG ground	(blank)	6" wire leads	(blank)	Not required	
	277	277V	12/3G	Three 12AWG conductors plus one 12AWG ground	05	5 ft	HCF	Meets healthcare facility requirements ³	
	347	347V			09	9 ft			
					15	15 ft			
ADDITIONAL INFORMATION				For additional product information, visit www.relocwiring.com .					

- Notes**
- 1 Length selection is blank, 6" leads are provided. Contact factory for longer lead length requirements.
 - 2 A specific length is required for MC Cable or HCF MC with length requirements.
 - 3 HCF option not required if length selection is blank.

QS

Quick-Flex® Splitter



Intended Use
A male/female component that can be used anywhere throughout the Quick-Flex system to separate the branch circuit into two directions.

ORDERING INFORMATION			Specifications subject to change.		Example: QS277 12/3G	
Series/ Voltage			Conductors			
QS	120	120V	12/3G	Three 12AWG conductors plus one 12AWG ground		
	277	277V				
	347	347V				
ADDITIONAL INFORMATION			For additional product information, visit www.relocwiring.com .			

PRODUCT INFORMATION

Quick-Flex

Intended Use

Male/female cable that provides power from fixture to fixture in the Quick-Flex system.

Features

- Available in varying lengths to suit most common fixture spacing requirements
- Green Armor standard for easy identification in healthcare facilities
- No fixture ground lead to connect

Controls-Enabled Wiring

- Pre-terminated and tested CAT5 cables external to Quick Flex system for Sensor Switch, nLight LC&D X-Point fixture level control

Listings

UL Listed, and built to UL Standard 183 for Manufactured Wiring Systems and suitable for air handling spaces above grid ceiling as described in NEC 300.22(C). Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for Patient Care Areas in healthcare facilities (HFC option).

QFC

Quick-Flex® Fixture Cable



ORDERING INFORMATION

Specifications subject to change.

Example: QFC277 12/3G11 G HCF

Series/Voltage			Conductors/Length¹					Controls Wiring Options		Options		
QFC	120	120V	12/2G	Two 12AWG conductors plus one 12AWG ground	05	5 ft	11	11 ft	(blank)	Not required	(blank)	Not required
	277	277V			07	7 ft	13	13 ft	CAT5_	Pre-terminated & tested CAT5 cable attached to QFC, specify length²	G	18AWG ground lead dropped to fixture³,⁴
	347	347V	12/3G	Three 12AWG conductors plus one 12AWG ground	09	9 ft	15	15 ft			HCF	Meets healthcare facility requirements⁵
											RRL	RELOC Ready Luminaire⁶

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Standard lengths listed. Consult factory for custom lengths.
- CAT5 length must be at least 2 ft. longer than QFC length. (i.e. QFC2T1 12/3611 CAT513)
- UL Listed for auto ground. Use G option only when required by local codes.
- G option required for Canada.
- G option required when ordering HFC.
- RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information. (i.e. RRLA, RRLAE)

PRODUCT INFORMATION

Quick-Flex

Intended Use

Combination of converter (QC) and fixture cable (QFC). Wires directly into homerun junction box, switch box or junction box above switch location; provides power to the first fixture from that location.

Features

- UL/cUL Listed ground path to fixture when fully installed
- Auto-latching springs for easy male/female connections
- Available in varying lengths to suit most common fixture spacing requirements
- Cast snap-in connector provided on whip-end for fast, easy installation into a 1/2" trade size knockout

- Green Armor standard for easy identification in healthcare facilities

Controls-Enabled Wiring

- Pre-terminated and tested CAT5 cables external to Quick-Flex system for Sensor Switch, nLight, LC&D X-Point fixture level control

Listings

UL Listed and built to UL Standard 183 for Manufactured Wiring Systems and suitable for air handling spaces above grid ceiling as described in NEC 300.22(C). Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities (HCF option).

QSFC

Quick-Flex® Starter Fixture Cable



ORDERING INFORMATION

Specifications subject to change.

Example: QSFC277 12/3G15 CAT517

Series/ Voltage		Conductors/Length ¹				Controls Wiring Options		Options		
QSFC	120	120V	12/2G	Two 12AWG conductors plus one 12AWG ground	09	9 ft	(blank)	Not required	(blank)	Not required
	277	277V	12/3G	Three 12AWG conductors plus one 12AWG ground	11	11 ft	CAT5_	Pre-terminated & tested CAT5 cable attached to QSFC, specify length ²	G	18AWG ground lead dropped to fixture ^{3,6}
	347	347V			13	13 ft			HCF	Meets healthcare facility requirements ⁴
					15	15 ft			RRL	RELOC Ready Luminaire ⁵

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Standard lengths listed. Consult factory for custom lengths.
- CAT5 length must be at least 2 ft. longer than QSFC length.
- G option required for Canada.
- G option required when ordering HFC.
- RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information. (i.e. RRLA, RRLAE)
- UL Listed for auto ground. Use G option only when required by local codes.

QSD

Quick-Flex® Switch Drop



Intended Use
The Quick-Flex Switch Drop, located above the primary switch location, introduces local switching to the Quick-Flex system. It provides local switched power for fixtures as well as the ability to carry on unswitched power through the use of a Quick-Flex Extender (QE).

- Features**
- Rated for use on 20-amp branch circuits
 - Safety-keying prevents accidental mating of components with different voltages
 - All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V
 - All components provide a fully-rated No. 12 AWG grounding conductor

- Color-coded labels for quick voltage identification
- Provides switched and unswitched power at every switch location
- 1LEVEL/N includes a neutral wire that is required for single-level dimming devices
- Enables local switches to be integrated into the Quick-Flex system

Listings
UL Listed. Built to UL Standard 183 for Manufactured Wiring Systems and suitable for air handling spaces above grid ceiling as described in NEC 300.22(C). Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION		Specifications subject to change.				Example: QSD277 2LEVEL09	
Series/ Voltage		Conductors/Length¹				Options	
QSD	120 120V	1LEVEL	Two 12AWG conductors plus one 12AWG ground	05	5 ft	(blank)	Not required
	277 277V	2LEVEL	Four 12AWG conductors plus one 12AWG ground	07	7 ft	HCF	Meets healthcare facility requirements²
	347 347V	1LEVEL/N	Two 12AWG conductors plus 12AWG ground and 12 AWG neutral	09	9 ft		
				13	13 ft		
				15	15 ft		

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

- Notes**
- 1 Standard lengths listed. Consult factory for custom lengths.
 - 2 HCF is available with 2LEVEL and 1LEVEL/N conductors only.

QE

Quick-Flex® Extender



Intended Use
Male/female cable that provides additional length anywhere within the Quick-Flex system.

- Features**
- Auto-latching springs for easy male/female connections
 - Green Armor standard for easy identification in healthcare facilities

Controls-Enabled Wiring

- Pre-terminated and tested CAT5 cables external to Quick-Flex system for Sensor Switch, nLight LC&D X-Point fixture level control

Listings
UL Listed and built to UL Standard 183 for Manufactured Wiring Systems and suitable for air handling spaces above grid ceiling as described in NEC 300.22(C). Listed and labeled to comply with Canadian Standards. Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities (HCF option).

ORDERING INFORMATION		Specifications subject to change.					Example: QE277 12/3G15			
Series/ Voltage			Conductors/Length ¹				Controls Wiring Options		Options	
QE	120	120V	12/2G	Two 12AWG conductors plus one 12AWG ground	05	5 ft	(blank)	Not required	(blank)	Not required
	277	277V	12/3G	Three 12AWG conductors plus one 12AWG ground	07	7 ft	CAT5_	Pre-terminated & tested CAT5 cable attached QE,	HCF	Meets healthcare facility requirements
	347	347V			11	11 ft		specify length ²		
					15	15 ft				
					25	25 ft				
					31	31 ft				

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

- Notes**
- 1 Standard lengths listed. Consult factory for custom lengths.
 - 2 CAT5 length must be at least two feet longer than QE length. If QD or QPT is used for fixture CAT5 length must include their length in addition to the QE and 2 ft.

Intended Use

Carries power with the use of the Quick-Flex extender (QE). Ideal for powering downlighting, track light feeds, exit sign. Can be used in place of two existing products, the Quick-Flex splitter (QS) and drop (QD).

Controls-Enabled Wiring

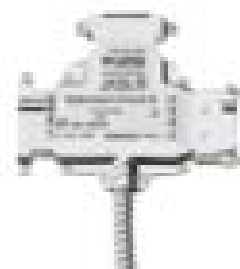
- Low Voltage cable system external to Quick Flex system for multi-circuit 0-24V dimming (0-10V or DALI)

Listings

UL Listed to U.S. and Canadian safety standards. Built to UL Standard 183 for Manufactured Wiring Systems and suitable for air handling spaces above grid ceiling as described in NEC 300.22(C). Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities.

QPT

Quick-Flex® Power Tee

**Example:** QPT277 12/3G01

ORDERING INFORMATION		Specifications subject to change.					
Series/ Voltage		Conductors/Length ²				Options	
QPT ¹	120 120V	12/2G	Two 12AWG conductors plus one 12AWG ground	01	1 ft	(blank)	Not required
	277 277V	12/3G	Three 12AWG conductors plus one 12AWG ground	03	3 ft	HCF	Meets healthcare facility requirements
	347 347V			05	5 ft	RRL	Reloc Ready Luminaire ³
				09	9 ft		
				15	15 ft		
				19	19 ft		

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.**Notes**

- Top portion not used on standard product.
- Standard lengths listed. Consult factory for custom lengths.
- RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information. (i.e. RRLA, RRLAE)

PRODUCT INFORMATION

Quick-Flex

Intended Use

Male drop cable allows miscellaneous devices (i.e. exits or power availability) to become part of the Quick-Flex system.

Listings

UL Listed to U.S. and Canadian safety standards. Built to UL Standard 183 for Manufactured Wiring Systems and suitable for air handling spaces above grid ceiling as described in NEC 300.22(C). Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities.

QD

Quick-Flex® Drop Cable

**Example:** QD277 12/3G09

ORDERING INFORMATION		Specifications subject to change.					
Series/ Voltage		Conductors/Length ¹				Options	
QD	120 120V	12/2G	Two 12AWG conductors plus one 12AWG ground	01	1 ft	(blank)	Not required
	277 277V	12/3G	Three 12AWG conductors plus one 12AWG ground	03	3 ft	HCF	Meets healthcare facility requirements
	347 347V			05	5 ft	RRL	Reloc Ready Luminaire ²
				09	9 ft		
				15	15 ft		

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.**Notes**

- Standard lengths listed. Consult factory for custom lengths.
- RRL option will require the fixture description to have a wiring instruction. See page 113 for fixture ordering information. (i.e. RRLA, RRLAE)

PRODUCT INFORMATION

POWER POLES

Intended Use

RELOC's extensive power pole line offers an economical means to bring power and data cables down from the ceiling to utilization equipment. Cables are routed in the ceiling and dropped down to work stations, cash registers, racks and gondolas. Power poles are ideal for applications in office buildings, data centers and retail stores.

In today's fast-paced construction market, staying on schedule is tougher than ever. Projects demand wiring solutions that minimize installation time and easily adapt to store design changes that occur during initial store construction and in the future.

Features

- Aluminum snap-together construction for strength and rigidity
- Field-adjustable extension arm
- Pass-through and wired versions
- Normal and isolated ground power
- Duplex and single receptacles

Listings

UL Listed and CSA Certified.
Five-year warranty.



Intended Use

Brings power and data cables down from the ceiling to utilization equipment. Typically, cables are routed in the ceiling and dropped down to work stations, cash registers, partitions, racks and gondolas. Power poles are ideal for applications in office buildings, data centers and retail stores.

Features

- Pre-wired with RELOC power cables for quick and easy installation
- Spec-grade 20 amp duplexes are standard; other devices available
- Data compartment has 3" arched opening at the bottom
- Pass-through and wired versions available

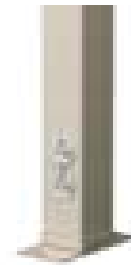
- Available with switch to control signage in a retail environment
- Switch can be wired for on/off/flash or on/off functions
- Suitable for installation on floor, within check-out stands, counter tops, gondolas and rack
- Extension arm option allows height adjustability from 84 inches to 120 inches (in addition to the length of the pole)
- Foot bracket, T-Bar mounting and ceiling trim all available

Listings

UL Listed. CSA Certified.

PP

Power Pole



Example: PPIA L126 ADJ84 SAT

ORDERING INFORMATION

Specifications subject to change.

Series/ Number of channels ^{1,2}		Length ³		Arms ⁴		Input cabling		Device configuration ^{6,7}		Device color		Finish		Options
Series ²	Number of channels ¹													
PP	Power Pole	1	One	L126	10.5 ft	(blank)	No arm	A	1 duplex, 1 connection	(blank)	White	(blank)	Ivory	See page 1084 for accessories.
		2	Two	L150	12.5 ft	ADJ84	7 ft adjustable arm	B	2 duplex, 1 connection	BN	Brown	SAT	Satin anodized	
		3	Three	L186	15.5 ft	ADJ120	10 ft adjustable arm	C	2 duplex, 1 connection	IV	Ivory	SIL	Silver	
								D	4 duplex, 1 connection	GY	Gray	BK	Black	
								E	2 IGW duplex, 1 connections ⁸	BK	Black	C3W	Appliance white	
								F	1 duplex & 1 IGW duplex, 2 connections ⁸					
								G	2 duplex & 2 IGW duplex, 2 connections ⁸					

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Table A

RELOC CONNECTION DEVICE AND INPUT CABLING CONFIGURATION CHART				
DEVICE CONFIGURATION SELECTION	INPUT CABLING TYPE	NUMBER OF DEVICES RECEPTACLES	CIRCUITS AVAILABLE PER DEVICE	
Select device and input cabling for 1 connection				
A	DC or HW	1 duplex	1	
B	DC or HW	2 duplex	1	
C	DC or HW	3 duplex	1	
D	DC or HW	4 duplex	1	
E	DC (IGW) or HW	2 duplex (IGW)	1 (IGW)	
Select device and input cabling for 2 connections				
F	DC DC (IGW) or HW	1 duplex 1 duplex (IGW)	1 1 (IGW)	
G	DC (IGW) DC (IGW) or HW	2 duplex 2 duplex (IGW)	1 1 (IGW)	

Table A Notes

- 1 20A duplex receptacles are standard.
- 2 120V is the standard voltage.
- 3 1 ft system 820 drop cable (DC) standard.
- 4 (IGW) isolated ground wire.
- 5 If HW, DC will not be supplied.
- 6 Consult factory for other current or voltage and other system integration requirements.

Table B

POWER POLE CHANNEL CONFIGURATION

		Channel Configuration			
		Blank	A	B	C
Number of Channels	1				
	2				
	3				

Table B Notes

- 1 Select desired channel configuration and add to your PP description (A, B or C).
- 2 If standard configurations are ordered, letter indicator is not needed.

Notes

- 1 Contact factory for poles that require signs and switches.
- 2 Refer to Table B for Channel Configuration indicator. Place indicator in the space provided under the Number of Channels. Leave blank if a standard channel configuration is required.
- 3 Length selection is ordered in inches.
- 4 If adjustable arm is ordered, 18 additional inches remain inside the channel for strength and rigidity of the pole.
- 5 Eight-inch wire leads provided with HW option.
- 6 Number of leads provided with HW option determined by device configuration.
- 7 Device configuration required for both RELOC and HW option. Refer to Table A.
- 8 Device configuration for F and G, select device color for non-isolated ground duplex. Orange is the standard device color for all (IGW) options.

PRODUCT INFORMATION

ACCESSORIES

for Power Pole

Not included with power poles, but can be ordered separately.
Select the desired KIT or ordered accessories by component.



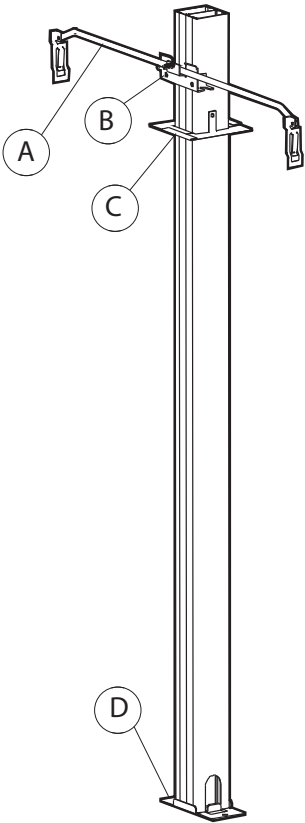
ORDERING INFORMATION Specifications subject to change.

ACCESSORY KIT ORDERING INFORMATION	
PP2/3 KIT 1 WH	PP2/3 KIT 2 WH
One mounting bracket	One T-bar bracket
One ceiling trim	One mounting bracket
One foot bracket	One ceiling trim
	One foot bracket

ACCESSORY COMPONENT ORDERING INFORMATION
T-Bar bracket: PP 1/2/3 TB
Mounting bracket: PP 1/2/3 MB
Ceiling trim: PP 2/3 CT WH
Foot bracket: PP 2/3 FB WH

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

- (A) T-Bar bracket:**
Bracket fits a 2-foot spacing in grid ceiling if the pole is installed in the middle of a ceiling.
- (B) Mounting bracket:**
Stamped 16-gauge steel, galvanized. Required for mounting power poles in a grid ceiling.
- (C) Ceiling trim:**
Stamped 24-gauge steel, painted white, fits all RELOC PP2 and PP3 power poles. The trim provides a clean appearance after the pole is installed in a grid ceiling.
- (D) Foot bracket:**
Stamped 14-gauge steel, painted white, fits all RELOC PP2 and PP3 power poles and secures the pole to a flat surface.



Intended Use

The power pole base (PPB) is normally used with a power pole (PP). The PPB offers an economical means to bring power and data cables down from the ceiling to simplify the power pole in high density power applications.

Features

- Two or four steel channels forming a four-sided enclosure for power and data distribution
- 16-gauge sheet metal, normally galvanized, available painted in black or white
- A wide selection of 120V, 208V, and 240V devices available
- Pre-wired with RELOC power cables for quick and easy installation

- A wide selection of 15A, 20A, 30A and 50A devices are available
- 30A and 50A devices are not available with RELOC connectors
- Suitable for installation on floor, within check-out stands, counter tops, gondolas and racks

Listings

ETL-Listed for U.S. and Canada.

PPB

Power Pole Base

**ORDERING INFORMATION**

Specifications subject to change.

Example: PPB2 B L36 A1B2C2D1 ABB5CB5D

Series/ Type				Housing ¹		Height		Voltage		Pattern ^{2,3}	Device configuration ^{4,5}		Input cabling ^{5,6}		Finish	
Series		Type		A	3" square	L12	1 ft	(blank)	120V	A_	A_	(blank)	RELOC ⁷	(blank)	Galvanized	
PPB	Power Pole base	2	U channel	B	4" square	L24	2 ft	208	208V	B_	B_	HW	Hardwired ⁸	WH	White	
		2	Independent channel	C	6" square	L36	3 ft	240	240V	C_	C_			BK	Black	
				D	4" x 8"	L48	4 ft	X	Mixed voltages	D_	D_					
				F	3" x 6"	L60	5 ft									
						L72	6 ft									
						L84	7 ft									
				L96	8 ft											

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Table A

PATTERN					
1	2	3	4	5	6

Table B

DEVICE CONFIGURATION			
INDICATOR	DEVICE	INDICATOR	DEVICE COLOR
A	15 amp straight blade	1	White
B	20 amp straight blade	2	Brown
C	15 amp IGW straight blade ⁶	3	Ivory
D	20 amp IGW straight blade ⁶	4	Gray
E	30 amp straight blade ⁷	5	Black
F	50 amp straight blade ⁷	6	Orange (IGW only) ¹
G	15 amp twist lock		
H	20 amp twist lock		
J	30a twist lock ⁷		
K	50A twist lock ⁷		
L	15 amp IGW twist lock		
M	20 amp IGW twist lock		
X	Mixed		

Notes

- 1 Consult factory for other housing heights.
- 2 Data configures are provided with a cutout and cover plate only.
- 3 Select the type and place in the space provided. See Table A.
- 4 Select the type and color and place in the space provided. See Table B.
- 5 Input cabling not available with 30A and 50A device configurations.
- 6 If device configuration is IGW, two input cables are supplied.
- 7 If the input cabling is RELOC, a 1 ft drop cable (DC) is standard.
- 8 If HW, wagos (push-in connectors) and 8" leads are supplied.

RETAIL ENVIRONMENTS



Retail projects demand wiring solutions that minimize installation time and easily adapt to store design changes that occur during initial store construction and in the future. With a recently expanded product line, RELOC now offers a comprehensive, plug-n-play wiring solution from the breaker panel out to the lighting fixtures and other utilization equipment.

Intended Use

Ideal applications for RELOC power products include:

- Rack
- Lighting
- Front-End
- Gondola/Kiosk
- Bakery/Refrigeration
- Copy Center/Photo Lab
- TV/Electronic
- Back to the Panel

Features

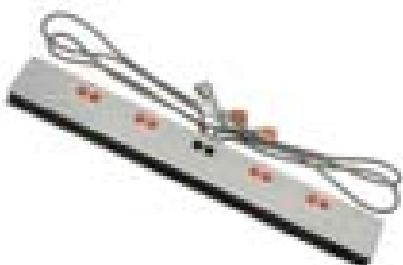
- Power channel used on pegboards, uplights and gondolas
- Normal and isolated ground power

Product information

Retail Products

PPC

Power Pole Channel



Intended Use

Designed to deliver power and data to equipment in gondolas and electronic racks.

Features

- Configurable for normal and isolated ground devices
- Audio and video signal cables
- 20A duplex receptacles are standard

- Pre-wired with RELOC power cables for quick and easy installation
- Two separate compartments for power and data
- Available with audio/video amplifiers for television display areas

Listings

UL and cUL Listed.

ORDERING INFORMATION

Specifications subject to change.

Example: PPC1P PT103 S WH

Series/Number of channels				Voltage		Length		Reloc Connection			
Series		Number of channels		(blank) 120V		(blank) 48"		Input connection ¹		Input connection length	
PPC	Power pole channel	1P	Power	240	240V	36	36"	PT_	Power tee	(blank)	No length
		1D	Data	250	250V			CSU_	Circuit selector unit ^{2,3}	01	1 ft
		1A	Audio Visual					DC_	Drop cable	05	5 ft
		2PD	Power and data							09	9 ft
		2PA	Power and audio visual							15	15 ft
		3PDA	Power, data and audio visual								
Output connection/Output connection length				Mounting		Finish		Options			
Output connection		Output connection length		D	Gondola double	WH	White	IGW	One isolated ground wire cable		
(blank) 8" wire leads		(blank) No length		S	Gondola single	GY	Gray	DIGW	One isolated ground wire cable and one normal cable ⁵		
CD	System 820 circuit distributor ⁴	01	1 ft	U	Upright	BK	Black				
		03	3 ft								
		05	5 ft								
		09	9 ft								
		15	15 ft								

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Specify the desired circuit (1,2,3) in any combination and place in the space provided. (1 = circuit #1, 2 = circuit #2, 3 = circuit #3, 12 = circuits #1 and #2, etc.)
- No output cable required.

³ CSU has no length.

⁴ Does not always require output connection length.

⁵ If DIGW option is selected, both of the input and output requirements will be the same.

Intended Use

Ideal for horizontal or vertical applications in gondolas, racks and customer-care areas in retail, commercial and industrial facilities.

Features

- Aluminum snap-together construction
- Wide & narrow profiles as below:
narrow= 1.08" x 1.48" x length
wide=2.25" x 1.14" x length or
2.25" x 1.39" x length

- 15A receptacle standard
- Available with cord and plug or stripped wires for hardwiring
- Max. 12 receptacles
- Mounts through housing supports; installation on a variety of flat surfaces

Listings

UL-approved.

RS

Receptacle Strip

**ORDERING INFORMATION**

Specifications subject to change.

Example: 12RS L48 PT105 CD BK

Number of single receptacles/Series		Length		Voltage ²		Input connection/Input connection length		Output connection		Finish		Options	
Number of single receptacles	Series ¹					Input connection ^{3,4,5}	Input connection length	CD	System	BK	Black	IGW	Isolated ground wire
2	RS Receptacle strip	L24	2 ft	240	240V	DC_ Drop cable ⁶	(blank) No length		820 circuit distributor ⁹	WH	White		
3		L36	3 ft	250	250V	PT_ Power tee ⁶	(blank) No length			GY	Gray		
4		L48	4 ft			CSU_ Circuit selector unit ⁷	01 1 ft						
5		L60	5 ft			CP12_ 12AWG cord and plug	03 3 ft						
6		L72	6 ft			CP14_ 14AWG cord and plug	05 5 ft						
7		L84	7 ft				09 9 ft						
8		L96	8 ft				15 15 ft						
9													
10													
11													
12													

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 15 amp black receptacles are standard.
- Contact factory for other voltage options.
- Specify the desired circuit (1,2,3) in and combination and place in the space provided. (1 = circuit #1, 2 = circuit #2, 3 = circuit #3, 12 = circuits #1 and #2, etc.)

4 All Input connections supplied with 5 conductors standard.

5 Input connection not required if cord and plug output connection is selected.

6 Armoured cable standard for input connections that require length (PT and DC).

7 CSU has no length; leave blank when ordering.

8 Output connection cord color standard is black.

PRODUCT INFORMATION**Intended Use**

Prewired power receptacle outlet box that integrates with a RELOC system. Can be used to manage phase loading on power receptacle applications.

Features

- Rated for use with 20A branch circuits
- All conductors are 12AWG and provide a fully-related 12AWG grounding conductor
- 15A receptacles optional

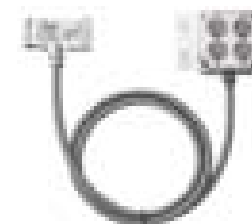
- Max. 8-gang boxes
- Color-coded labels for quick voltage identification
- Box supplied with standard mounting straps
- Custom mounting brackets available

Listings

UL and cUL Listed.

MOA

Multi-Outlet Assembly

**ORDERING INFORMATION**

Specifications subject to change.

Example: 2MOA PT1209 20 E

Number of duplexes		Series		Voltage ¹		Input connection/Input connection length		Current rating		Device color		Options	
2	8	MOA	Multi-outlet assembly	(blank)	120V	Input connection ^{2,3}	Input connection length ⁴	15	15 amps	A	White	IGW	Isolated ground wire ⁹
3	9					PT_ Power tee ^{4,5,6}	(blank) No length	20	20 amps	B	Brown	2N	Two circuit, two neutral
4	10					DC_ Drop cable ^{4,5,6}	01 1 ft			C	Ivory		
5	11					CSU_ Circuit selector unit ⁷	03 3 ft			D	Gray		
6	12						05 5 ft			E	Black		
							09 9 ft			F	Orange ⁸		
7							15 15 ft						

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Contact factory for other voltages.
- Input connections supplied with 5 conductors standard.
- Select the desired input connection. Specify the desired circuit(1,2,3) in any combination to supply to MOA and place in the space provided.
- (1=circuit #1, 2=circuit #2, 3=circuit#3, 12=circuits #1 and #2, etc.)
- Armoured cable standard for input connections that require length (PT & DC).

6 If no length is selected for the PT or DC input connection, the armoured cable length will be 6 inches.

7 CSU has no length; leave blank when ordering.

8 Orange device color is for IGW option only.

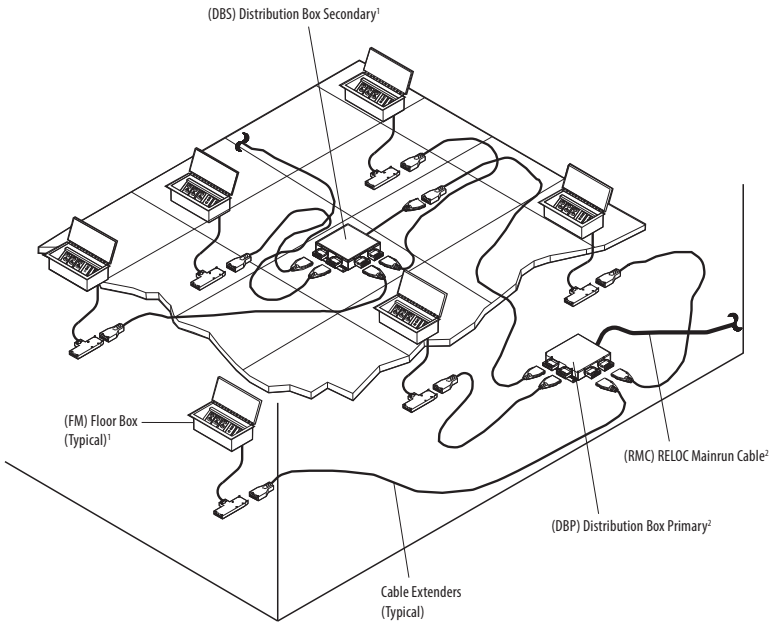
9 IGW available in 1- or 2-circuit configurations only.

RAISED FLOORS

Intended Use
Raised floors are ideal for power and data distribution in high-rise buildings, data centers and computer labs. The wiring is right below the work stations and can be easily relocated, reconfigured or scaled based on changing needs of the occupants. The system consists of power panel, RELOC mainrun cables, primary and secondary distribution boxes, RELOC cables and floor modules.

- Features**
- Configurable five gangs for power, data and voice
 - Includes power and data/voice separator
 - Lids include recessed inserts for carpets
 - DBS available up to six ports
 - DBS includes RELOC cable for three circuits to be distributed electrical

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.



- Notes**
- 1 See page 1088 for ordering information.
 - 2 See page 1065 for ordering information.

DBS

Distribution Box Secondary



Intended Use
Used with the primary distribution box to further distribute circuits to utilization equipment. The secondary distribution box serves as a modular junction box to allow splitting circuits between multiple RELOC® ports. Available in two sizes, the secondary distribution box can be used in an open ceiling, above a hung ceiling, and below a raised floor, including low-profile raised floors. The DBS is provided with an integrated RELOC drop cable attached at the input and all ports and conductors labeled to show their circuit assignments.

- Features**
- Rated for 20A branch circuit use

- Compatible with RELOC System 820, Quick-Flex®, OnePass® modular wiring systems
- Keying prevents accidental mating of circuits with different voltages
- Available with up to six RELOC ports
- Up to three circuits per RELOC port
- Low-profile secondary distribution box - 1.7" height
- Suitable for use in other environmental air areas used for NEC 300.22

Listings
UL and cUL Listed.

ORDERING INFORMATION Specifications subject to change.

Series		Voltage ¹				Input connection		Output connection ⁵		Options	
DBS	Distribution box secondary	120	120V	277	277V	DC	System 820 drop cable ¹	_CD	System 820 circuit distributor ¹	(blank)	No Option
		208	208V ²	347	347V	OD	OnePass drop cable ¹	_OC	OnePass converter ¹	2N	Two hots and naturals
		220	220V ²	480	480V ²	QD	Quick-Flex drop cable ^{2,3}	_QC	Quick-Flex converter ^{2,3}	IGW	Isolated ground wire ⁴
		240	240V ²			SSDC	SIMPLY5 drop cable ⁴			PB	Pull box
										LP	Low-profile box

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

- Notes**
- 1 Three circuits available for 120V, 277V and 347V. For two circuits, specify 2N options. Three phase circuit or two circuits available for 208V, 220V, 240V and 480V.
 - 2 Not available with IGW or 2N option.
 - 3 Not available in 208V, 220V and 480V. Two circuits available for 120V, 277V and 347V.
 - 4 IGW available with 120V and DC input connection and CD output connections.
 - 5 Minimum output ports available is 2. Maximum output ports available is 6. Specify number of ports per box in blank.

Example: DBS 120 DC 2CD

Intended Use

RELOC Floor Modules provide cost-effective, pre-wired solutions for power requirements and data interfaces for easy, adaptable installation and relocation in raised floor applications. Ideal for today's open office environments such as computer rooms, call centers, clean-rooms, laboratories, and government buildings.

Features

- Floor module upper chamber is cast aluminum and bottom chamber is stamped, galvanized steel
- Matches the aesthetics of air diffusers commonly used in raised floor applications

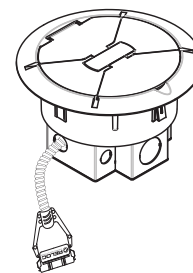
- Floor module depth is 6"
- Maximum of 2 duplex receptacles
- All duplexes are 20A rated
- All power requirements are pre-wired with RELOC cables

Listings

UL Listed; CSA approved.

FMRD60

Round Floor Module

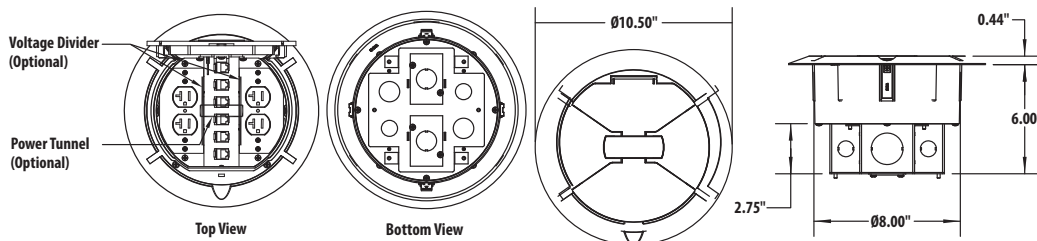


Example: FMRD60 2DR2C PT01

ORDERING INFORMATION		Specifications subject to change.		
Series	Power ^{1,2,3}	Data ⁴	RELOC Connection	Finish
FMRD60	(blank) Two duplexes; one circuit 1DR1C 1IGW1C One duplex on one circuit; one IGW duplex on one circuit 1DR1C 1GFC1C One duplex and one GFCI duplex on separate circuit/neutral 2DR2C Two duplexes each on a separate circuit	(blank) One data plate in the center position only, with six RJ45 slots	(blank) 1' drop cable, 820 system PT01 1' power tee, 820 system MC12/2G05 Hard-wire with MC cable, single circuit, 5' DC2N 1' drop cable, 820 system, two circuit, two neutral	(blank) Black <i>Available only in black</i>

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

Notes

- Maximum of two duplexes on two circuits - if 1DR1C 1IGW1C is selected, RELOC will provide two 1' drop cables (one normal, one IGW version).
- Color of receptacle is gray.
- All duplexes are 20A rated.
- One data plate in the center position only - with six RJ45 slots.

PRODUCT INFORMATION**Low-Profile Rectangular Floor Module****Intended Use**

RELOC Floor Modules provide cost-effective, pre-wired solutions for power requirements and data interfaces for easy, adaptable installation and relocation in raised floor applications. Ideal for today's open office environments such as computer rooms, call centers, clean-rooms, laboratories, and government buildings.

Features

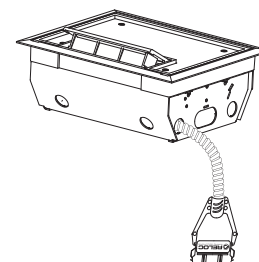
- Floor module material is 14 gauge galvanized steel
- Hinged, 14 gauge, galvanized steel cover is recessed for carpet cut-outs

- Floor module depth is 2-1/2"
- Cord entry openings on the cover allow for quick and easy access to power and data outlets
- Maximum of 2 duplex receptacles
- All power requirements are pre-wired with RELOC cables

Listings

UL Listed.

FMR25

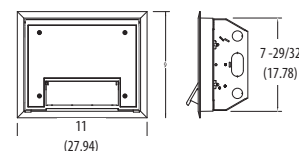


Example: FMR25 2DR2C PT01

ORDERING INFORMATION		Specifications subject to change.		
Series	Power ¹	Data ²	RELOC Connection	Finish
FMR25	(blank) Two duplexes; one circuit 1DR1C 1IGW1C One duplex on one circuit; one IG duplex on one circuit 1DR1C 1GFC1C One duplex and one GFCI duplex on separate circuit/neutral 2DR2C Two duplexes each on a separate circuit	(blank) Two data plates with RJ45 slots each	(blank) 1' drop cable, 820 system PT01 1' power tee, 820 system MC12/2G05 Hard-wire with MC cable, single circuit, 5' DC2N 1' drop cable, 820 system, two circuit, two neutral	(blank) Black BRN Brown BE Beige GY Gray

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

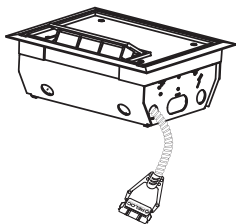


Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches unless (centimeters) otherwise noted.

Notes

- Maximum of two duplexes on two circuits - if 1DR1C 1IGW1C is selected, RELOC will provide two 1' drop cables (one normal, one IGW version).
- Maximum of two data plates with two RJ45 slots each.

FMR40



Intended Use
RELOC Floor Modules provide cost-effective, pre-wired solutions for power requirements and data interfaces for easy, adaptable installation and relocation in raised floor applications. Ideal for today's open office environments such as computer rooms, call centers, clean-rooms, laboratories, and government buildings.

- Features**
- Floor module material is 14-gauge galvanized steel
 - Hinged, 14-gauge, galvanized steel cover is recessed for carpet cut-outs

- Floor module depth is 4.0"
- Maximum of 4 duplex receptacles
- All duplexes are 20A rated
- All power requirements are pre-wired with RELOC cables

Listings
UL Listed; CSA approved.

ORDERING INFORMATION

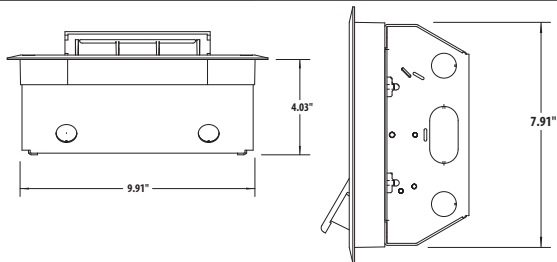
Specifications subject to change.

Example: FMR40 4DR2C PT01

Series	Power ^{1,2}	Data ⁴	RELOC Connection	Finish
FMR40	(blank) Two duplexes; one circuit	(blank) One data plate with six RJ45 slots, data plate is in center position	(blank) 1' drop cable, 820 system	(blank) Black
4DR2C	Four duplexes; two circuits (one on each side)		PT01 1' power tee, 820 system	BRN Brown
2DR1C 2GFI1C	Two duplexes on two GFCI duplexes on separate circuit/neutral ³		MC12/2G05 Hard-wire with MC cable, single circuit, 5'	BE Beige
2DR1C 2GW1C	Two duplexes on two IGW duplexes on (two separate RELOC cables		DC2N 1' drop cable, 820 system, two circuit, two neutral	GY Gray

ADDITIONAL INFORMATION

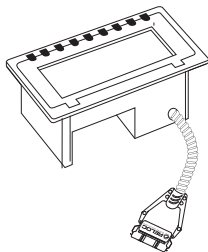
For additional product information, visit www.relocwiring.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

- Notes**
- 1 Maximum four duplexes. Center plate is data (six RJ45 slots) standard. Any unused capacity will be supplied with blank gang plate covers.
 - 2 All duplexes are 20A rated.
 - 3 When 2DR1C 2GFC11C is ordered, it will be shipped with a DC2N (two circuit, two neutral) input cable.
 - 4 Order of device installation: 1) power, a) back plate, b) front plate, c) center plate; 2) data - center plate only with six data jacks.

FMR40P



Intended Use
RELOC Floor Modules provide cost-effective, pre-wired solutions for power requirements and data interfaces for easy, adaptable installation and relocation in raised floor applications. Ideal for today's open office environments such as computer rooms, call centers, clean-rooms, laboratories, and government buildings.

- Features**
- 16-gauge galvanized steel
 - Hinged, molded thermoplastic cover plate

- Floor module depth is 4.0"
- Thermoplastic cover is recessed for carpet cut-outs
- All duplexes are 20A rated
- Five single-gang compartments total—three for power and two for data

Listings
UL Listed; CSA approved.

ORDERING INFORMATION

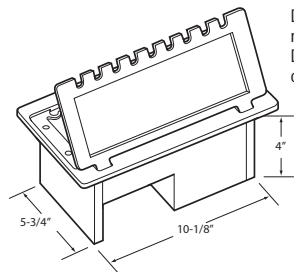
Specifications subject to change.

Example: FMR40P 3DR1C PT01

Series	Power ^{1,2}	Data ¹	RELOC Connection	Finish
FMR40P	(blank) Two duplexes; one circuit	(blank) Two data plates with two RJ45 each	(blank) 1' drop cable, 820 system	(blank) Black
3DR1C	Three duplexes on one circuit		PT01 1' power tee, 820 system	
2DR1C 1IGW1C	Two duplexes on one circuit; one IGW duplex on one circuit		MC12/2G05 Hard-wire with MC cable, single circuit, 5'	
			DC2N 1' drop cable, 820 system, two circuit, two neutral	

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions (if provided) are shown in inches unless otherwise noted.

- Notes**
- 1 Maximum three duplexes and two data plates. Any unused capacity will be supplied with blank gang plate covers.
 - 2 All duplexes are 20A rated.

Intended Use

RELOC Floor Modules provide cost-effective, pre-wired solutions for power requirements and data interfaces for easy, adaptable installation and relocation in raised floor applications. Ideal for today's open office environments such as computer rooms, call centers, clean-rooms, laboratories, and government buildings.

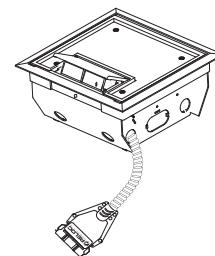
Features

- Floor module material is 14-gauge galvanized steel
- Hinged, 14-gauge, galvanized steel cover is recessed for carpet cut-outs

- Floor module depth is 4.0"
- Maximum of 2 duplex receptacles
- All duplexes are 20A rated
- All power requirements are pre-wired with RELOC cables

Listings

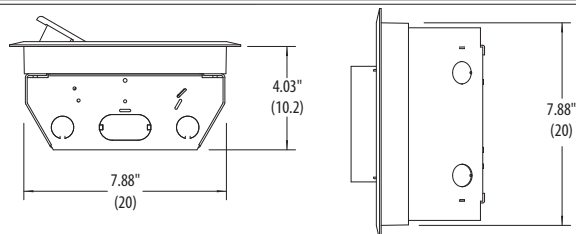
UL Listed; CSA approved.

FMS40**Example: FMS40 2DR2C PT01**

ORDERING INFORMATION		Specifications subject to change.				Example: FMS40 2DR2C PT01	
Series	Power ^{1,2,3}	Data ⁴	RELOC Connection	Finish			
FMS40	(blank) Two duplexes; one circuit	(blank) One data plate with four RJ45 slots	(blank) 1' drop cable, 820 system	(blank) Black			
	1DR1C 1IGW1C One duplex on one circuit; one IGW duplex on one circuit		PT01 1' power tee, 820 system	BRN Brown			
	1DR1C 1GFC1C One duplex on one GFCI duplex on separate circuit/neutral		MC12/2G05 Hard-wire with MC cable, single circuit, 5'	BE Beige			
	2DR2C Two duplexes each on a separate circuit		DC2N 1' drop cable, 820 system, two circuit, two neutral	GY Gray			

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Maximum of two duplexes on two circuits - if 1DR1C 1IGW1C is selected, RELOC will provide two 1' drop cables (one normal, one IGW version).
- Color of receptacle is gray.
- All duplexes are 20A rated.
- Maximum of one data plate with four jacks. Center position only.

PRODUCT INFORMATION

Large Square Floor Module

Intended Use

RELOC Floor Modules provide cost-effective, pre-wired solutions for power requirements and data interfaces for easy, adaptable installation and relocation in raised floor applications. Ideal for today's open office environments such as computer rooms, call centers, clean-rooms, laboratories, and government buildings.

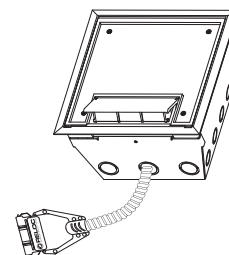
Features

- Floor module material is 14-gauge galvanized steel
- Hinged, 14-gauge, galvanized steel cover is recessed for carpet cut-outs

- Floor module depth is 5.6"
- Maximum of 8 duplex receptacles
- All duplexes are 20A rated
- All power requirements are pre-wired with RELOC cables

Listings

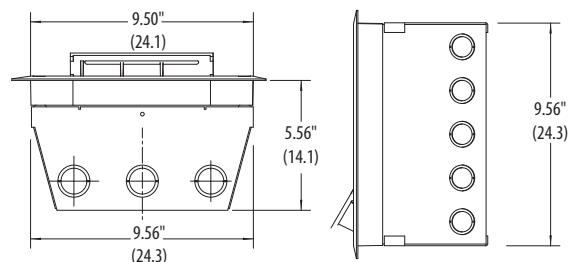
UL Listed; CSA approved.

FMS56**Example: FMS56 4DR1C 2IGW1C PT01**

ORDERING INFORMATION		Specifications subject to change.				Example: FMS56 4DR1C 2IGW1C PT01	
Series	Power ^{1,2,3,4}	Data ⁵	RELOC Connection	Finish			
FMS56	(blank) Four duplexes; one circuit	(blank) Two data plates with three RJ45 slots each	(blank) 1' drop cable, 820 system	(blank) Black			
	4DR1C 2IGW1C Four duplexes on one circuit; two IGW duplex on one circuit		PT01 1' power tee, 820 system	BRN Brown			
	4DR1C 2GFC1C Four duplexes on one circuit; two GFCI duplexes on one circuit	4DP Four data plates (single gang three RJ45 slots)	MC12/2G05 Hard-wire with MC cable, single circuit, 5'	BE Beige			
			DC2N 1' drop cable, 820 system, two circuit, two neutral	GY Gray			

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- Maximum power capacity of eight gang. Two data plates with four RJ45 slots each is standard. Any unused capacity will be supplied with blank gang plate covers.
- Color of receptacle is gray.
- GFCI receptacles will have a separate RELOC input cable than the normal receptacles (2 RELOC cables).
- All duplexes are 20A rated.
- Order of devices installation from back to front: normal duplexes, GFCI duplexes, IGW duplex and data plates last. Duplexes on two circuits - if 1DR1C 1IGW1C is selected, RELOC will provide two 1' drop cables (one normal, one IGW version).



SUNOPTICS®

Sunoptics is the pioneer of a unique concept in skylight design: prismatic skylights. No other skylight lets in more natural light, while providing the optimum level of diffusion for 100% glare-free distributed light. The result is a soft yet bright natural light that illuminates more efficiently over a wider area of the room for more hours of the day – optimizing the reduction of electric lighting usage.

To make our technology work for customers across a spectrum of applications, Sunoptics produces a wide variety of skylight types and sizes. These are enhanced when integrated with electric luminaires and lighting controls, allowing for maximum energy efficiencies.



1094



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PRODUCT INFORMATION

SIGNATURE
SERIES DOME**Intended Use**

For use in open ceiling applications to maximize the hours per year that you can shut off electric lights with the optimum level of diffusion for glare free, UV damage free, energy free natural light.

The patented Sunoptics Signature Series skylight with model 800MD (curb mounted) frames is fabricated from 6063 T6 aluminum with a specified finish. Frames come standard with integral condensation and weepage gutters which drain interior moisture to the outside.

Features

- Provides the highest visible light transmission with the optimum (100%) diffusion of the light in the industry
- Single, double and triple glazed versions available

- Acrylic/Polycarbonate, and ClearArmour® Polycarbonate Prismatic glazing options
- Available in standard sizes from 2' x 2' to 5' x 10'
- Available in Impact Modified Acrylic Prismatic, HVHZ Approved
- 5-year hail proof warranted
- All units include Insulated Thermal Break

Listings

FM Approved #4431, High Velocity Hurricane Zone Approved, CE certified, Class 1, Class 3 and Class 4 Hail ratings available (Class 1 default).

ORDERING INFORMATION

Specifications subject to change.

Example: SIG 2020 W27.250 L51.250 SG2 CCL LENSCL 800MD

Fixture	ID Frame Call-Out	ID Frame Width	ID Frame Length	Glazing	Lens
SIG Signature series	2020 27-1/4" x 27-1/4" / 692mm x 692 mm	W27.250 (692 mm)	L27.250 (692 mm)	SGZ Single Glaze	CC1CC2 Polycarbonate/Acrylic
	2040 27-1/4" x 51-1/4" / 692mm x 1302mm	W27.250 (692 mm)	L51.250 (1302 mm)	DGZ Double Glaze	CC1 Polycarbonate
	2080 27-1/4" x 99-1/4" / 692mm x 2521mm	W27.250 (692 mm)	L99.250 (2521 mm)	TGZ Triple Glaze	CC2CL1 Acrylic Class 1
	20100 27-1/4" x 123-1/4" / 692mm x 3131mm	W27.250 (692 mm)	L123.250 (3131 mm)		CC2CL3 Acrylic Class 3
	3030 39-1/4" x 39-1/4" / 997mm x 997mm	W39.250 (997 mm)	L39.250 (997 mm)		
	3050 39-1/4" x 63-1/4" / 997mm x 1607mm	W39.250 (997 mm)	L63.250 (1607 mm)		
	3060 39-1/4" x 75-1/4" / 997mm x 1911mm	W39.250 (997 mm)	L75.250 (1911 mm)		
	3080 39-1/4" x 99-1/4" / 997mm x 2521mm	W39.250 (997 mm)	L99.250 (2521 mm)		
	30100 39-1/4" x 123-1/4" / 997mm x 3131mm	W39.250 (997 mm)	L123.250 (3131 mm)		
	4040 51-1/4" x 51-1/4" / 1302mm x 1302mm	W51.250 (1302 mm)	L51.250 (1302 mm)		
	4050 51-1/4" x 63-1/4" / 1302mm x 1607mm	W51.250 (1302 mm)	L63.250 (1607 mm)		
	4060 51-1/4" x 75-1/4" / 1302mm x 1911mm	W51.250 (1302 mm)	L75.250 (1911 mm)		
	4070 51-1/4" x 87-1/4" / 1302mm x 2216mm	W51.250 (1302 mm)	L87.250 (2216 mm)		
	4080 52-1/4" x 100-1/4" / 1327mm x 2546mm	W52.250 (1327 mm)	L100.250 (2546 mm)		
	40100 52-1/4" x 123-1/4" / 1327mm x 3131mm	W52.250 (1327 mm)	L123.250 (3131 mm)		
	5050 63-1/4" x 63-1/4" / 1607mm x 1607mm	W63.250 (1607 mm)	L63.250 (1607 mm)		
	5060 63-5/8" x 75-5/8" / 1616mm x 1921mm	W63.625 (1616 mm)	L75.625 (1921 mm)		
	5558 67-3/4" x 70-3/4" / 1721mm x 1797mm	W67.750 (1721 mm)	L70.750 (1797 mm)		
	5070 63-1/4" x 87-1/4" / 1607mm x 2216mm	W63.250 (1607 mm)	L87.250 (2216 mm)		
	5080 63-1/4" x 99-1/4" / 1607mm x 2521mm	W63.250 (1607 mm)	L99.250 (2521 mm)		
	50100 63-1/4" x 123-1/4" / 1607mm x 3131mm	W63.250 (1607 mm)	L123.250 (3131 mm)		

Lens colors	Unit type	Continuous venting	Skylight frame finish	Options
LENSWH White (Single Glaze Default) ¹	800MD Standard Frame	(blank) No venting	MI Mill (Default)	(blank) No Options
LENSCL Clear ¹	800SC So-Cal Skylight	1BL 1 Blade Continuous Vent	WH White	FMRTG Factory Mutual Approved ^{4,5}
LENSWHCL White Clear ²	805SC Continuous Vent	2BL 2 Blade Continuous Vent	BZ Bronze	HVHZ High Velocity Hurricane Zone ^{4,5}
LENSCLWH Clear White (Double Glaze Default) ²		3BL 3 Blade Continuous Vent	CF Custom	CE European Standard Certified ⁴
LENSWHWH White White ²		4BL 4 Blade Continuous Vent		LARR Los Angeles Approved ⁴
LENSCLCL Clear Clear ²		5BL 5 Blade Continuous Vent		ITBR Insulated Thermal Break
LENSWHWHWH White White White ³		6BL 6 Blade Continuous Vent		NITBR No Insulated Thermal Break
LENSCLCLCL Clear Clear Clear ³		7BL 7 Blade Continuous Vent		WSW Weather Sweep ⁶
LENSCLWHCL Clear White Clear (Triple Glaze Default) ³		8BL 8 Blade Continuous Vent		NWSW No Weather Sweep
LENSWHCLWH White Clear White ³		9BL 9 Blade Continuous Vent		SCRN Bug Screen ⁷
LENSCLWHWH Clear White White ³		10BL 10 Blade Continuous Vent		
LENSWHCLCL White Clear Clear ³				

ADDITIONAL INFORMATION

For additional product information, visit www.sunoptics.com.

Notes

- 1 Single glaze.
- 2 Double glaze.
- 3 Triple glaze.
- 4 Certified units can ONLY be single or double glazed, and are NOT available for the following sizes: 20100,

30100, 40100, 5558, 50100.

- 5 FMRTG and HVHZ options available only with CC1CC2 or CC1 Lens Material only.
- 6 Weather Sweep available with Mill finish only.
- 7 Bug Screen available with Continuous Venting units only.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

For use in open ceiling applications to maximize the hours per year that you can shut off electric lights with the optimum level of diffusion for glare free, UV damage free, energy free natural light.

Features

- Utilizes the same patented Signature Series shape for proven daylighting capture and performance
- ClearArmour® Polycarbonate Prismatic Lens option for high impact protection
- 50% and 100% Impact Modified Acrylic Prismatic Lens options
- Curb Seal Tape Installation Screws and weather sweep are not included with the units

PROSELECT



ORDERING INFORMATION

Specifications subject to change.

Example: SPS 5060 W63.625 L75.625 DGZ CC2CL1 LENSCLWH 800MD MI

Fixture		ID Frame Call-Out		ID Frame Width		ID Frame Length		Glazing		Lens Material		Lens Color		Unit Type		Skylight Frame Finish	
SPS Sunoptics® ProSelect™	4040	51-1/4" x 51-1/4"	W51.250	Width	L51.250	L length	DGZ Double Glaze	CC2P50	Acrylic 50% IM (Default)	LENSCLWH	Clear White (Default)	800MD Standard Frame	MI	Mill			
	4060	51-1/4" x 75-1/4"	W51.250	Width	L75.250	L length									CC2CL1	Acrylic Class 1	
	4080	52-1/4" x 100-1/4"	W51.250	Width	L75.250	L length											CC1P125
	5050	63-1/4" x 63-1/4"	W52.250	Width	L100.250	L length											
	5060	63-5/8" x 75-5/8"	W52.250	Width	L100.250	L length											
			W63.250	Width	L63.250	L length											
		W63.625	Width	L75.625	L length												

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

DOUBLE HIP & PYRAMID

Fixed Skylights



Intended Use

For use in exposed architectural applications for clean, smooth lines or in retrofit applications for reuse of existing roof curbs.

Sunoptics Double Hip and Pyramid Shaped Skylights with model 800MD (curb mounted) frames are fabricated from 6063 T6 aluminum with a specified finish. Skylights are single, double or triple glazed using 50% Impact-Modified Acrylic and Polycarbonate lenses in clear and high-white prismatic.

Features

- Single, Double and Triple Glazed versions available
- Retrofit of existing curbs without custom mold fees
- Residential models available in bronze or mill finish with both fixed and venting options

- Frames have integral condensation and weepage gutters which drain interior moisture to the outside
- Acrylic glazing is separated from the skylight frame with an epdm rubber air seal gasket
- Includes insulated thermal break, ctape, weather sweep and screws. Single-glazed units default to not included any of these options
- Venting skylights to be operated using truth inc. Chain drive manual operator and include a bug screen

Listings

Tested and certified to AAMA/WDMA/CSA101/I.S.2/A440-05 to comply with section 2405.5 of the International Building Code.

ORDERING INFORMATION

Specifications subject to change.

Example: PY 1414 W18.625 L18.625 SGZ CC1 LENSCL 800MD 1BL MI

Fixture		ID Frame Call-Out					ID frame width				ID frame length			
DHP	Double Hip Lens	1414	18-5/8" x 18-5/8"	/ 473mm x 473mm ¹	30100	/ 997mm x 3131mm	W18.625	(473 mm)	W39.250	(997 mm)	L18.625	(473mm)	L123.250	(3131 mm)
PY	Pyramid Lens	2020	27-1/4" x 27-1/4"	/ 692mm x 692mm ¹	4040	/ 1302mm x 1302mm ¹	W27.250	(692 mm)	W51.250	(1302 mm)	L27.250	(692 mm)	L51.250	(1302 mm)
		2828	34-5/8" x 34-5/8"	/ 879mm x 879mm ¹	4050	/ 1302mm x 1607mm	W34.625	(879mm)	W51.250	(1302 mm)	L34.625	(879 mm)	L63.250	(1607 mm)
		2030	27-1/4" x 39-1/4"	/ 692mm x 997mm	4060	/ 1302mm x 1911mm	W27.250	(692 mm)	W51.250	(1302 mm)	L39.250	(997 mm)	L75.250	(1911 mm)
		2040	27-1/4" x 51-1/4"	/ 692mm x 1302mm	4070	/ 1302mm x 2216mm	W27.250	(692 mm)	W51.250	(1302 mm)	L51.250	(1302 mm)	L87.250	(2216 mm)
		2050	27-1/4" x 63-1/4"	/ 692mm x 1607mm	4080	/ 1327mm x 2546mm ²	W27.250	(692 mm)	W52.250	(1327 mm)	L63.250	(1607 mm)	L100.250	(2546 mm)
		2060	27-1/4" x 75-1/4"	/ 692mm x 1911mm	40100	/ 1327mm x 3131mm ²	W27.250	(692 mm)	W52.250	(1327 mm)	L75.250	(1911 mm)	L123.250	(3131 mm)
		2080	27-1/4" x 99-1/4"	/ 692mm x 2521mm	5050	/ 1607mm x 1607mm ¹	W27.250	(692 mm)	W63.250	(1607 mm)	L99.250	(2521 mm)	L63.250	(1607 mm)
		20100	27-1/4" x 123-1/4"	/ 692mm x 3131mm	5558	/ 1721mm x 1797mm	W27.250	(692 mm)	W67.750	(1721 mm)	L123.250	(3131 mm)	L70.750	(1797 mm)
		3030	39-1/4" x 39-1/4"	/ 997mm x 997mm ¹	5060	/ 1616mm x 1921mm	W39.250	(997 mm)	W63.625	(1616 mm)	L39.250	(997 mm)	L75.625	(1921 mm)
		3040	39-1/4" x 51-1/4"	/ 997mm x 1302mm	5070	/ 1607mm x 2216mm ²	W39.250	(997 mm)	W63.250	(1607 mm)	L51.250	(1302 mm)	L87.250	(2216 mm)
		3050	39-1/4" x 63-1/4"	/ 997mm x 1607mm	5080	/ 1607mm x 2521mm ²	W39.250	(997 mm)	W63.250	(1607 mm)	L63.250	(1607 mm)	L99.250	(2521 mm)
		3060	39-1/4" x 75-1/4"	/ 997mm x 1911mm	50100	/ 1607mm x 3131mm ²	W39.250	(997 mm)	W63.250	(1607 mm)	L75.250	(1911 mm)	L123.250	(3131 mm)
		3080	39-1/4" x 99-1/4"	/ 997mm x 2521mm	Use for Custom sized units.			W39.250	(997 mm)			L99.250	(2521 mm)	

Glazing		Lens material		Lens colors		Unit type		Continous venting		Skylight frame finish		Options									
SGZ	Single Glaze	CC1	Polycarbonate	LENSWH	White (Single Glaze Default) ³	800MD	Standard Frame	(blank)	No venting ⁶	MI	Mill (Default) ⁷	(blank)	No Options								
DGZ	Double Glaze	50CC2	50% IM Acrylic	LENSCL	Clear ³	805SC	Continuous Vent	1BL	1 Blade Continuous Vent	WH	White	ITBR	Insulated Thermal Break ⁸								
				LENSWHCL	White Clear ⁴			2BL	2 Blade Continuous Vent	BZ	Bronze	NITBR	No Insulated Thermal Break ⁸								
TGZ	Triple Glaze	LENSCLWH	Clear White (Double Glaze Default) ⁴	3BL	3 Blade Continuous Vent			CF	Custom	WSW	Weather Sweep ⁸										
		LENSWHWH	White White ⁴	4BL	4 Blade Continuous Vent									NWSW	No Weather Sweep ⁸						
		LENSCLCL	Clear Clear ⁴	5BL	5 Blade Continuous Vent											NOSCREW	No Installation Screws				
		LENSWHWHWH	White White White ⁵	6BL	6 Blade Continuous Vent													SCRN	Bug Screen ⁹		
		LENSCLCLCL	Clear Clear Clear ⁵	7BL	7 Blade Continuous Vent															CTAPE	Curb Seal Tape
		LENSCLWHCL	Clear White Clear (Triple Glaze Default) ⁵	8BL	8 Blade Continuous Vent																
		LENSWHCLWH	White Clear White ⁵	9BL	9 Blade Continuous Vent																
		LENSCLWHWH	Clear White White ⁵	10BL	10 Blade Continuous Vent																
		LENSWHCLCL	White Clear Clear ⁵																		

ADDITIONAL INFORMATION

For additional product information, visit www.sunoptics.com.

Notes

- 1 Pyramid lens.
- 2 Currently not AAMA Certified. For more information, please contact your Sunoptics representative.
- 3 Single glaze.
- 4 Double glaze.
- 5 Triple glaze.

6 Leave blank for 800MD Standard Frames.

7 Mill finish only available for 805SC continuous vent unit types.

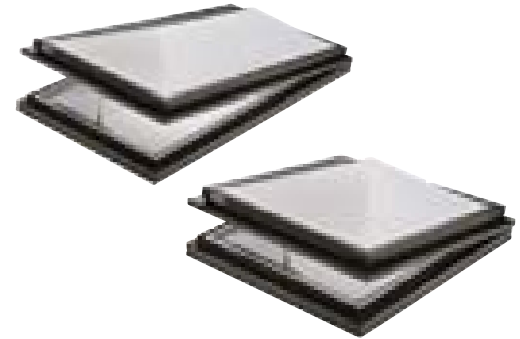
8 Options not available for 805SC continuous vent unit types.

9 Bug screen only available for 805SC continuous vent unit types.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

DOUBLE HIP & PYRAMID

Venting Skylights



Intended Use

For use in exposed architectural applications for clean, smooth lines or in retrofit applications for reuse of existing roof curbs.

Sunoptics Double Hip and Pyramid Shaped Skylights with model 800MD (curb mounted) frames are fabricated from 6063 T6 aluminum with a specified finish. Skylights are single, double or triple glazed using 50% Impact-Modified Acrylic and Polycarbonate lenses in clear and high-white prismatic.

Features

- Single, double and triple glazed versions available
- Retrofit of existing curbs without custom mold fees
- Residential models available in bronze or mill finish with both fixed and venting options

- Frames have integral condensation and weepage gutters which drain interior moisture to the outside
- Acrylic glazing is separated from the skylight frame with an epdm rubber air seal gasket
- Includes insulated thermal break, ctape, weather sweep and screws. Single-glazed units default to not included any of these options
- Venting skylights to be operated using truth inc. Chain drive manual operator and include a bug screen

Listings

Tested and certified WDMA/CSA101/I.S.2/A440-05 to comply with section 2405.5 of the International Building Code.

ORDERING INFORMATION

Specifications subject to change.

Example: PY 1414 SGZ CC1 LENS WH 840B MI CTAPE

Fixture	ID	Frame dimensions	Glazing	Lens material	Lens colors	Unit type	Skylight frame finish	Options
DHP Double Hip Lens	1414	18-5/8" x 18-5/8" ¹	SGZ Single Glaze	CC1 Polycarbonate	LENSWH White (Single Glaze Default) ²	840B Manually Venting Frame	MI Mill (Default)	(blank) No Options
	2040	27-1/4" x 51-1/4"		50CC2 50% IM Acrylic			WH White	ITBR Insulated Thermal Break
PY Pyramid Lens	2080	27-1/4" x 99-1/4"	DGZ Double Glaze				BZ Bronze	NITBR No Insulated Thermal Break
	20100	27-1/4" x 123-1/4"	TGZ Triple Glaze		LENSCL Clear ²		CF Custom	WSW Weather Sweep
	2020	26-5/8" x 26-5/8" ¹			LENSWHCL White Clear ³			NWSW No Weather Sweep
	2828	34-5/8" x 34-5/8" ¹			LENSCLWH Clear White (Double Glaze Default) ³			CTAPE Curb Seal Tape
	3030	38-5/8" x 38-5/8" ¹						NOCTAPE No Curb Seal Tape
	3050	39-1/4" x 63-1/4"			LENSWHWH White White ³			
	3060	39-1/4" x 75-1/4"			LENSCLCL Clear Clear ³			
	3080	39-1/4" x 99-1/4"			LENSWHWHWH White White White ⁴			
	30100	39-1/4" x 123-1/4"			LENSCLCLCL Clear Clear Clear ⁴			
	4040	50-5/8" x 50-5/8" ¹			LENSCLWHCL Clear White Clear (Triple Glaze Default) ⁴			
	4050	51-1/4" x 63-1/4"			LENSWHCLWH White Clear White ⁴			
	4060	51-1/4" x 75-1/4"			LENSCLWHWH Clear White White ⁴			
	4070	51-1/4" x 87-1/4"			LENSWHCLCL White Clear Clear ⁴			
	4080	52-1/4" x 100-1/4"						
	40100	52-1/4" x 123-1/4"						
	5558	67-3/4" x 70-3/4"						
	5050	63-1/4" x 63-1/4" ¹						
	5060	63-5/8" x 75-5/8"						
	5070	63-1/4" x 87-1/4"						
	5080	63-1/4" x 99-5/8"						

ADDITIONAL INFORMATION

For additional product information, visit www.sunoptics.com.

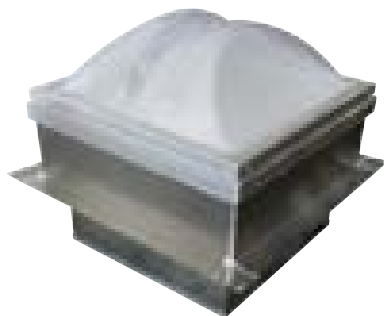
Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

- 1 Pyramid lens.
- 2 Single glaze.
- 3 Double glaze.
- 4 Triple glaze.

LIGHTFLEX™

Square Model



Intended Use

LightFlex™ Square System is designed for suspended ceiling applications with minimal plenum obstructions where larger unit sizes are advantageous. LightFlex™ features advanced design and superior components technology that provides optimal daylight throughout the day, maximizing glare-free quality lighting, while minimizing the power needed for electric light.

Integrated with Acuity Brands LED luminaires and intelligent controls, LightFlex™ provides a complete, smart solution for improving comfort and well-being, and delivers a high quality illumination at the lowest watts per square foot and energy consumption.

Features

- Domes are Signature series standard

- Patent-pending prismatic optic sphere for increased daylight conveyance
- Adjustable elbows to bypass obstructions (optional)
- 98% reflective MIRO-SILVER® interior light well with greater than 99% specular quality
- Light control louver options available for complete daylight control capabilities
- Square version available in 2' x 4' and 4' x 4' sizes
- Acuity Brands luminaire diffuser options to complement your lighting design
- The LightFlex daylighting system louver can be controlled with nLight® or with LC&D™ control systems

Listings

HVHZ approved, FM approved, AAMA certified, NFRC certified.

ORDERING INFORMATION

Specifications subject to change.

Example: SLF 2040 SIGL SGZ CC2CL1 LENSCL DLENSCL CC2D ACL

Fixture		Unit size	Lens type		Glazing		Skylight lens material		Skylight lens colors		Diffusion lens colors		Diffusion lens material		Diffusion lens style	
SLF	LightFlex Square System	2040 2' x 4' 4040 4' x 4'	SIGL	Signature Series (Default)	DGZ	Double Glaze	CC1HVHZ	Polycarbonate	LENSWHCL	White Clear	DLENSWH	White Prismatic	CC1D	Polycarbonate Diffusion Lens	ACL	ACLED Trofer Lens Assembly
					SGZ	Single Glaze	CC1	Polycarbonate	LENSCLWH	Clear White	DLENSCL	Clear Prismatic (Default)	CC2D	Acrylic Diffusion Lens (Default)	ACSP	Acrylic Diffusion Lens (Default)
							CC2CL1	Acrylic Class 1 (Default)	LENSWHWH	White White	DLENSWH and DLENSCL only available with Diffuser Lens Style ACSP and TLSF	CC1D and CC2D only available with Diffuser Lens Style ACSP and TLSF	TLSBOX	TLED Shadowbox Lens Assembly		
							CC2CL3	Acrylic Class 3	LENSCLCL	Clear Clear (Default)			TLA19	A19 Lens Assembly		
								LENSWH	White	TLMICPRIS			TLED Microprism Lens Assembly			
								LENSCL	Clear (Single Glazed Default)	TLSATIN			TLED Satin Lens Assembly			
								TLSF	TLED Troffer with Prismatic Flat Lens							
Unit type		Shaft length				Skylight frame finish		Options								
800MD	Standard Frame (Default)	2FT	2-Foot Shaft	10FT	10-Foot Shaft	MI	Mill (Default)	(blank)	No Options		NITBR	No Insulated Thermal Break				
		3FT	3-Foot Shaft	11FT	11-Foot Shaft	WH	White	FMRTG	Factory Mutual Approved		WSW	Weather Sweep				
		4FT	4-Foot Shaft	12FT	12-Foot Shaft	BZ	Bronze	HVHZ	High Velocity Hurricane Zone		NWSW	No Weather Sweep				
		5FT	5-Foot Shaft	13FT	13-Foot Shaft	CF	Custom	CE	European Standard Certified		NOSCREW	No Installation Screw				
		6FT	6-Foot Shaft	14FT	14-Foot Shaft			LARR	Los Angeles Approved		METRIC	600mm x 600mm Ceiling Grid Pattern				
		7FT	7-Foot Shaft	15FT	15-Foot Shaft			ITBR	Insulated Thermal Break		LOUVER	LightFlex Louver				
		8FT	8-Foot Shaf	16FT	16-Foot Shaft											
		9FT	9-Foot Shaft													

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Intended Use

LightFlex™ Tubular Model is designed for suspended ceiling applications with minimal plenum obstructions. Tubular elbows will be used to direct the tube around obstructions. LightFlex™ features advanced design and superior components technology that provides optimal daylight throughout the day, maximizing glare-free quality lighting, while minimizing the power needed for electric light.

Integrated with Acuity Brands LED luminaires and intelligent controls, LightFlex™ provides a complete, smart solution for improving comfort and well-being, and delivers a high quality illumination at the lowest watts per square foot and energy consumption.

Features

- Domes are Signature series standard

- Patent-pending prismatic optic sphere for increased daylight conveyance
- Adjustable elbows to bypass obstructions (optional)
- 98% reflective MIRO-SILVER® interior light well with greater than 99% specular quality
- Light control louver options available for complete daylight control capabilities
- Acuity Brands luminaire diffuser options to complement your lighting design
- The LightFlex daylighting system louver can be controlled with nLight® or with LC&D™ control systems

Listings

HVHZ approved, FM approved, AAMA certified, NFRC certified.

LIGHTFLEX™

Tubular Model

**ORDERING INFORMATION**

Specifications subject to change.

Example: SLFT 2108 SGZ CC2CL1 OS50CC2 D50CCS ACL 6FT

Fixture	Curb height	Skylight glazing	Skylight lens material	Optic sphere lens material
SLF LightFlex Tubular System	2108 8 inch (203mm) (Default) 2114 14 inch (356mm)	SGZ Single Glaze (Default) DGZ Double Glaze	CC1HVHZ Polycarbonate CC1 Polycarbonate CC2CL1 Acrylic Class 1 (Default) CC2CL3 Acrylic Class 3	OS50CC2 Acrylic Prismatic Optic Sphere (Default) OSCC1 Polycarbonate Prismatic Optic Sphere

Diffuser lens material	Diffuser lens style	Light well length	Options
D50CC2 Acrylic Diffuser Lens (Default) DCC1 Polycarbonate Diffuser Lens ¹	TLSBOX TLED Shadowbox Lens Assembly TLA19 A19 Lens Assembly TLMICPRIS TLED Micropism Lens Assembly TLSATIN TLED Satin Lens Assembly TLSF TLED Troer with Prismatic Flat Lens ACSP ACLED Troer Lens Assembly with Prismatic Lens ACL ACLED Troer Lens Assembly METRIC 600mm x 600mm Ceiling Grid Pattern MG2WHFL Magellan White Flat Round Lens MG2WHPR Magellan White Prismatic Round Lens ALLED ALLED Troer	4FT 4-Foot (1219mm) Shaft 6FT 6-Foot (1829mm) Shaft 8FT 8-Foot (2438mm) Shaft 10FT 10-Foot (3048mm) Shaft 12FT 12-Foot (3658mm) Shaft 14FT 14-Foot (4267mm) Shaft 16FT 16-Foot (4877mm) Shaft 18FT 18-Foot (5486mm) Shaft	DAMPER Light Louver ADAPTOR Louver Adaptor ELBOWS 2 Elbows, each 15-1/2" long max. ELBOWS2 4 Elbows, each 15-1/2" long max. SUSKIT Suspension Wire Kit DWGA Dry-Wall Grid Adaptor SBAR Security Bar
Note: - The Diffuser Lens Styles mentioned above are only available for the SLFT model. - For other diffuser lens styles, please contact your Sunoptics Representative.		Note: - To select the Light Well Length, determine the length from the top of the selected curb (8in or 14in), to the suspended ceiling. - If the determined length falls between shaft lengths, select the longer length available. - Additional tubes may be required when using elbows and avoiding obstructions. - For lengths over 18ft, please contact your local Sunoptics Representative.	Note: - The maximum angle of adjustment for each individual elbow is 30 degrees.

ADDITIONAL INFORMATION

For additional product information, visit www.sunoptics.com.

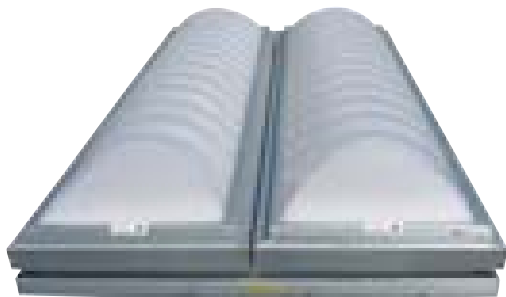
Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

Notes

¹ Only valid with diffuser lens style TLSF and ACSP.

PRODUCT INFORMATION

INDUSTRIAL SMOKE VENT

**Intended Use**

Industrial smoke vents for use in industrial/commercial buildings where required by code. UL listed units available in 25 & 30PSF. FM approved for 10PSF.

Features

- Fusible link actuated, with a minimum temperature rating of 165 degrees
- The fusible link mechanism with gas shocks shall include an exterior manual release cable for testing
- Frames shall have integral condensation and weepage gutters which drain interior moisture to the outside

- Made with ClearArmour® Prismatic Polycarbonate in Signature Series Mold Design only with Snow Load approvals up to 10lb. PSF
- FM equivalent versions with different glazing options available
- Unit available in sizes from 4' x 5' up to 5' x 8' dimensions
- Multi-glazed units default to include Insulated Thermal Break (ITBR), CTape, Weather Sweep (WSW) and screws

Listings

UL & FM approved.

ORDERING INFORMATION

Specifications subject to change.

Example: SVT 4050 W51.250 L63.250 SIGL SGZ CC1 LENSWH 165FL 10LB 870B MI

Fixture	ID Frame call-out	ID Frame width	ID Frame length	Glazing shape	Glazing
SVT Smoke vent	4050 51-1/4" x 63-1/4" / 1302mm x 1607mm	W51.250 (1302 mm)	L63.250 (1607 mm)	SIGL Signature Series	SGZ Single Glaze
	4060 51-1/4" x 75-1/4" / 1302mm x 1911mm	W51.250 (1302 mm)	L75.250 (1911 mm)	DHPL Double Hip Series	DGZ Double Glaze
	4070 51-1/4" x 87-1/4" / 1302mm x 2216mm	W51.250 (1302 mm)	L87.250 (2216 mm)		
	4080 52-1/4" x 100-1/4" / 1327mm x 2546mm	W52.250 (1327 mm)	L100.250 (2546 mm)		
	40100 52-1/4" x 123-1/4" / 1327mm x 3131mm	W52.250 (1327 mm)	L123.250 (3131 mm)		
	5060 63-5/8" x 75-5/8" / 1616mm x 1921mm	W63.625 (1616 mm)	L75.625 (1921 mm)		
	5070 63-1/4" x 87-1/4" / 1607mm x 2216mm	W63.250 (1607 mm)	L87.250 (2216 mm)		
	5080 63-1/4" x 99-1/4" / 1607mm x 2521mm	W63.250 (1607 mm)	L99.250 (2521 mm)		

Glazing Material	Glazing Colors	Fusible Link	Snow Load	Unit Type	Smoke Vent Frame Finish	Options
CC1HVHZ Polycarbonate	LENSWH White (Single Glaze Default) ²	165FL 165 Degree Fusible Link	10LB 10 Pound Snow Load (Default)	870B Standard Frame (Default)	MI Mill (Default)	(blank) No Options
CC1 Polycarbonate	LENSCL Clear ²	212FL 212 Degree Fusible Link				FMEQU Factory Mutual Equivalent
50CC2 50% IM Acrylic ¹	LENSWHCL White Clear ³	286FL 286 Degree Fusible Link	25LB 25 Pound Snow Load ⁴			FMRTG Factory Mutual Approved
CC2CL1 Acrylic Class ²	LENSCLWH Clear White (Double Glaze Default) ³	370FL 370 Degree Fusible Link	30LB 30 Pound Snow Load ⁴			UL UL Listed Smoke Vent
CC2CL3 Acrylic Class ¹	LENSWHWH White White ³	386FL 386 Degree Fusible Link				CE European Standard Certified
	LENSCLCL Clear Clear ³					ITBR Insulated Thermal Break
						NITBR No Insulated Thermal Break
						WSW Weather Sweep
						NWSW No Weather Sweep
						URS Urethane Sealant

ADDITIONAL INFORMATION

For additional product information, visit www.sunoptics.com.

Notes

- ¹ Available for UL, DH only.
- ² Single glaze.
- ³ Double glaze.
- ⁴ Not available with FM units.

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

PRODUCT INFORMATION

Louvers

Intended Use

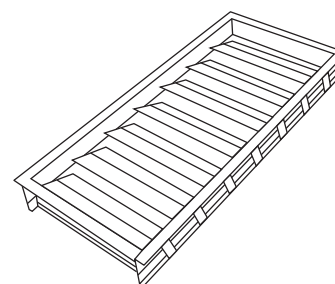
Like a dimmable light fixture, Light Control Louvers can be closed to darken a daylighted room. Lighting Control Louvers provide total control of daylight for building occupants in commercial, educational and institutional spaces. There are three models to choose from, including a manual controlled louver and an electronically controlled louver

Features

- Louver frame and blades are fabricated from 6063-T5 aluminum, finish to be baked on enamel, white in color
- Mechanically joined at the corners

- Available with nLight and LC&D louver control options
- Motorized louvers for 21" Tubular, 2'x4' and 4'x4' LightFlex systems provides complete daylight control
- Available in manual, interior or exterior options
- A cycle test was performed on the Sunoptics Louver and successfully taken to over 2,000,000 cycles

LOUVERS



Example: LVR 2020 EXTM 115VAC

ORDERING INFORMATION		Specifications subject to change.										Example: LVR 2020 EXTM 115VA			
Fixture		ID Curb dimensions						Motor location				Motor type*			
LVR Louver	2020	23" x 23"	2080E	24-3/8" x 96-3/8"	4040	47" x 47"	None	Manual Control (no motor)	115VAC	115 Volt AC Motor (Default)					
	2020E	24-3/8" x 24-3/8"	3030	35" x 35"	4040E	48-3/8" x 48-3/8"			24VAC	24 Volt AC Motor					
	2030	23" x 35"	3030E	36-3/8" x 36-3/8"	4060	47" x 71"			240VAC	240 Volt AC Motor					
	2030E	24-3/8" x 36-3/8"	3040	35" x 47"	4060E	48-3/8" x 72-3/8"	INTM EXTM	Interior Motor Exterior Motor	* Not available if no motor is selected.						
	2040	23" x 47"	3040E	36-3/8" x 48-3/8"	4080	48" x 96"									
	2040E	24-3/8" x 48-3/8"	3060	35" x 71"	4080E	49-3/8" x 97-3/8"									
	2060	23" x 71"	3060E	36-3/8" x 72-3/8"	5060	59-3/8" x 71-3/8"									
	2060E	24-3/8" x 72-3/8"	3080	35" x 95"											
	2080	23" x 95"	3080E	36-3/8" x 96-3/8"											

PRODUCT INFORMATION

Curb Top Insert

Intended Use

Curb Top Inserts are utilized to improve the U-Value of the daylighting system assembly. For use in applications where building code mandates require more stringent U-Value and/or Solar Heat Gain (SHGC) values.

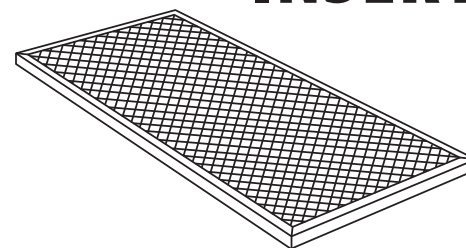
Features

- Use with Double Glazed Signature Series Skylight for better U-Value and Solar Heat Gain
- Coefficient/Shading Coefficient (SHGC/SC) Properties

Listings

FM approved #4431, High Velocity Hurricane Zone approved. Class 1, Class 3 and Class 4 Hail ratings available (Class 1 default). Standard Size units up to 5080 are tested and certified to AAMA/WDMA/CSA101/1.S.2/A440 to comply with section 2405.5 of the International Building Code.

CURB TOP INSERT



ORDERING INFORMATION		Specifications subject to change.						Example: CT 1 2040 CC1 LENSCLCL 800MD MI CE			
Fixture	Curb topper layer	ID Frame dimensions		Lens material		Lens colors		Unit type		Skylight frame finish	
CT Curb Topper Series	1 Single Layer Curb Topper	2040	27-1/4"x51-1/4"	CC1HVHZ	Polycarbonate	LENSWHCL	White Clear	800MD	Standard Frame (Default)	MI	Mill (Default)
	2 Double Layer Curb Topper	4040	51-1/4" x 51-1/4"	CC1	Polycarbonate	LENSCLWH	Clear White (Double Glaze Default)	800MDE	Oversize Frame	WH	White
	3 Triple Layer Curb Topper	4070	51-1/4"x87-1/4"	CC2CL1	Acrylic Class 1	LENSWHWH	White White	800SC	So-Cal Skylight	BZ	Bronze
		4080	52-1/4"x100-1/4"	CC2CL3	Acrylic Class 3					CF	Custom
		5060	63-5/8"x75-5/8"								
		Use CUST for Custom sized units. Custom Size units only available with CT-1									

Example: CT 1 2040 CC1 LENSCLCL 800MD MI CE

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.

TECHNICAL INFORMATION

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Luminaires may utilize fluorescent or high intensity discharge sources that contain small amounts of mercury. New disposal labeling for these lamps includes the mercury identifier shown below to indicate that the lamp contains mercury and should be disposed of in accordance with local requirements.



Information sources regarding lamp recycling and disposal are included on the packaging of most mercury-containing lamps and also can be located at www.lamprecycle.org.

LEED & ENERGY CODES

Sustainability, Innovation, Commitment

These three simple words describe the Acuity Brands focus on reducing harmful impacts on the environment. Our commitment is clear. We demonstrate it first and foremost in how we conduct our business.

One focal point of our efforts to promote sustainability is our web site at: www.acuitybrands.com/sustainability where details are provided on green standards, energy codes and product regulations.

LEED® with Lighting

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is a voluntary, consensus-based standard developed by the U.S. Green Building Council (USGBC).

The LEED® rating systems define the criteria for designing and constructing high-performance, environmentally sustainable buildings, and promotes a whole-building approach to sustainability by recognizing performance in five key areas: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

Our web site at www.acuitybrands.com/LEED provides details on the LEED standard including the following tools:

- Access to narrated training on the lighting provisions for v4 (v2009) of the LEED standard.
- Annotated training decks on the various LEED rating systems.
- A narrative on the overall structure of LEED.

Certified LEED Projects at Acuity Brands:

- New York Center for Light + Space has earned LEED-CI gold certification.
- Holophane, Granville OH, Building F facility has earned silver certification within LEED-CI.

Energy Codes and Regulatory Issues

As the need for energy efficiency grows and the various levels of government restrict our use of energy, the Acuity Brands web site can assist you in navigating through this maze of codes and regulations.

Please go to www.acuitybrands.com/codes for information on the following topics:

- The lighting related requirements of energy codes such as ASHRAE 90.1 and the International Energy Conservation Code (IECC) and California Title 24 are explained with tools provided to assist in meeting these requirements. At these various sites, links are provided to web sites that track which energy codes have been adopted by the various states.
- The lighting-related provisions of various sustainability standards are available for LEED (v2009 and v4), ASHRAE 189.1, Green Globes, and the IgCC.
- Product-based regulations are covered, including California Title 20 and various lamp and ballast efficiency standards.

As new energy codes and regulations are adopted, Acuity Brands will continue to provide the latest information on these developments.

Sustainability at Acuity Brands

Our commitment to sustainability - to appreciate, protect and conserve the planet's natural resources - is embedded within the Acuity Brands culture. From our manufacturing processes and operations to our product design philosophies, the goal to continuously reduce our environmental footprint is at the forefront of our operations. We consider it our responsibility and our challenge to support and sustain a better quality of life through proactive initiatives that render tangible benefits for the world at large.

Our employees are directly involved with industry groups working to establish energy and environmental standards, such as the ASHRAE/IESNA Standard 90.1, US Green Building Council, Consortium for Energy Efficiency, Better Building Challenge, Next Generation Lighting Industry Alliance and ENERGY STAR® programs.

NIGHTTIME FRIENDLY™ LIGHTING

Acuity Brands – Nighttime Friendly™ Designation

For years, Acuity Brands has been actively involved in developing products and standards focusing on minimizing the impact of electric lighting systems of the nighttime environment. Our brands are members and contribute to the International Dark-Sky Association (IDA) and we are active in various outdoor lighting committees of the Illuminating Engineering Society (IESNA). We are a member of the IDA / IESNA Model Lighting Ordinance task group. We are a member of the US Green Building Council and provide a variety of lighting solutions focused on achieving the LEED credit SS8 for light pollution reduction. Acuity Brands has some of the most experienced and knowledgeable optical designers working with our product development teams to continue to develop responsible lighting solutions.

What does Nighttime Friendly Mean?

Because there are no lighting industry standards recognizing products that minimize obtrusive nighttime lighting, Acuity Brands has established a designation with very strict requirements, based on photometric test data. Our Nighttime Friendly designation requires that the lighting product has no uplight and no more than 10% of the total lumens between 80-90 degrees. This criterion is consistent with LEED and Green Globes guidelines for environmental sustainability. Our Nighttime Friendly designation focuses on no uplight as well as high angle brightness and requires laboratory test data based on IESNA standards. The Acuity Brands Conyers lab is NVLAP accredited, an accreditation that requires a strict quality process and 3rd party audit by the National Institute of Standards & Technology (NIST). Independent labs have not gained this accreditation.

How does Nighttime Friendly compare with other designations?

IDA Fixture Seal of Approval

The IDA Fixture Seal of Approval does not have specific, quantifiable criteria. In general, the IDA Fixture Seal of Approval focuses on products that have no uplight. Since Acuity Brands Nighttime Friendly designation is more stringent and can be verified with any commercial software, we typically do not list products with IDA.

Star View™ Compliant

Hubbell Outdoor and Spaulding brands of lighting products promote the Star View Compliant designation, used to identify full cutoff optics. This designation is not as stringent as the Acuity Brands Nighttime Friendly designation because it does not stipulate a limit on the high angle lumens that impact glare.

Are there other considerations for minimizing obtrusive outdoor lighting?

Daytime and nighttime aesthetics

Beyond considerations of uplight, there are other optical considerations to help you select a quality lighting system. Many times, the lighting system must offer both daytime and nighttime aesthetics. Traditionally, this required lighting systems that emitted a significant portion of light into the sky and emit light at high angles resulting in glare. We offer many options to address the need for daytime and nighttime aesthetics.

Light trespass

Another key aspect to consider is limiting the amount of light emitted off of the property that trespasses onto adjacent properties. This is especially important in areas where commercial and residential properties are adjacent to each other. To address this concern, lighting



Nighttime Friendly designates products with superior optical control that are consistent with the goals of USGBC LEED® and meet Green Globes™ product criteria for light pollution reduction. These products are full cutoff and no more than 10% of the lumens from the luminaire are emitted above 80 degrees from nadir.

products should be selected to minimize high angle brightness and poles located at or near the perimeter of the site should utilize sharp cutoff optics that limit light behind the pole.

Reducing light levels late at night

Many communities encourage businesses to reduce light levels late at night when activity in those areas is minimal. In addition, some areas are encouraged to turn off the lighting, such as sporting facilities. This can be accomplished by turning off some luminaires or zones. Advanced lighting systems can even detect motion and reduce the lighting in each fixture when there is not activity.

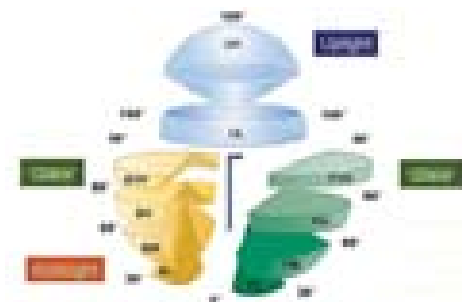
Why should I select Acuity Brands products for applications with environmental considerations?

Acuity Brands provides many options for responsible outdoor environments. We demonstrate our commitment to the nighttime environment through our development of superior optics, our involvement in industry activities to reduce the impact of obtrusive nighttime lighting and through our corporate commitment to environmental sustainability. We provide reliable test data and have made investments in the accreditation of our Conyers testing laboratory. Our sales personnel and technical support staff stand ready to help you identify the most effective outdoor lighting solutions and validate the performance of these systems.

LUMINAIRE CLASSIFICATION SYSTEM

In 2007 the IES defined a new classification system for outdoor luminaires that evaluates the photometric performance of a luminaire based on light emitted into various solid angles that impact uplight, backlight and high angle glare zones. This IES standard is available in their publication, TM-15, "Luminaire Classification System for Outdoor Luminaires".

To the right is a 3-D representation of the LCS model including the sub angles for each zone. Below that is a graphical representation of how such data for a specific luminaire is represented in the Acuity online Photometric Viewer.



Notes

See www.lithonia.com/nighttimefriendly for full details.

Luminaire Classification System (Continued)

The forward and backlight zones near or slightly below horizontal provide a useful analysis of high angle brightness, often relating to objectionable glare. Keep in mind however, that glare relates to other factors including the size of the source and specific intensity at discrete angles. So additional research will continue to evaluate how to best quantify glare.

Evaluation of backlight must consider where the pole is located in relation to the property line.

And finally, in considering sky glow impact, the light at or near horizontal has a greater impact on the scattering of light in the atmosphere – resulting in a higher degree of sky glow over a community.

BUG Ratings

In February 2009, the TM-15 standard added zonal lumen limits defining Backlight (B), Uplight (U) and Glare (G) ratings. The zonal lumens in specific solid angles define a rating from 1 to 5 for each of three categories, with 1 being the most restrictive.

IES TM-15-11 was amended with Addendum A, which tightened the values for the U2 ratings from 100 to 50 for BH and UL, and the G1 and G2 ratings for FVH and BVH from 250 to 100 and from 375 to 225 respectively.

You will also notice there are two different BH glare ratings. The zonal lumen thresholds are different for

luminaires that have a symmetric distribution such as a Type V or Type V square from those that have a longitudinal or forward throw type of distribution such as Type I, II, III or IV.

BUG ratings for our products are available using the Acuity online Photometric Viewer.



BACKLIGHT/TRESPASS						
SECONDARY SOLID ANGLE	B0	B1	B2	B3	B4	B5
BH	110	500	1000	2500	5000	>5000
BM	220	1000	2500	5000	8500	>8500
BL	110	500	1000	2500	5000	>5000

UPLIGHT/SKYGLOW						
SECONDARY SOLID ANGLE	U0	U1	U2	U3	U4	U5
UH	0	10	50	500	1000	>1000
UL	0	10	50	500	1000	>1000

GLARE							
	SECONDARY SOLID ANGLE	G0	G1	G2	G3	G4	G5
GLARE FOR TYPES I, II, III, IV, V and V SQUARE	FVH	10	100	225	500	750	>750
	BVH	10	100	225	500	750	>750
	FH	660	1800	5000	7500	12000	>12000
GLARE FOR TYPES I, II, III AND IV	BH	110	500	1000	2500	5000	>5000
GLARE FOR TYPES V AND V SQUARE	BH	660	1800	5000	7500	12000	>12000

Though the IESNA discontinued the use of the Cutoff classifications and associated terminology, it remains in effect in many municipalities, engineering specifications, and even product literature. Though no longer an industry-supported classification, we have included it here for use as reference material only.

CUTOFF CLASSIFICATIONS			
CLASSIFICATION	DEFINITION	BENEFITS	LIMITATIONS
Full Cutoff	Zero intensity at or above horizontal (90° above nadir) and limited to a value not exceeding 10% of lamp lumens at or above 80°.	Limits spill light onto adjacent property, reduces glare. No light is emitted directly from the luminaire into the sky.	May reduce pole spacing to maintain uniformity and increase pole and luminaire quantities.
Cutoff	Intensity at or above 90° (horizontal) no more than 2.5% of lamp lumens, and no more than 10% of lamp lumens at or above 80°.	Small increase in high-angle light allows increased pole spacing.	May allow some uplight from luminaire. Typically a small overall impact on sky glow.
Semi-cutoff	Intensity at or above 90° (horizontal) no more than 5% of lamp lumens and no more than 20% at or above 80°	High-angle light accents taller vertical surfaces such as buildings. Most light is still directed downward.	Little control of light at property line. Potential for increased glare when using high wattage luminaires. Typically directs more light into the sky than cutoff.
Non-cutoff	No limitations on light distribution at any angle.	Uniform luminous surfaces such as internally illuminated signs or globes. Wattage should be limited. Suitable for sports lighting, facade, landscape or other applications where luminaires are tilted due to limitations in pole or fixture locations.	Location and aiming are critical. Most likely of all categories to produce offensive brightness and sky glow.

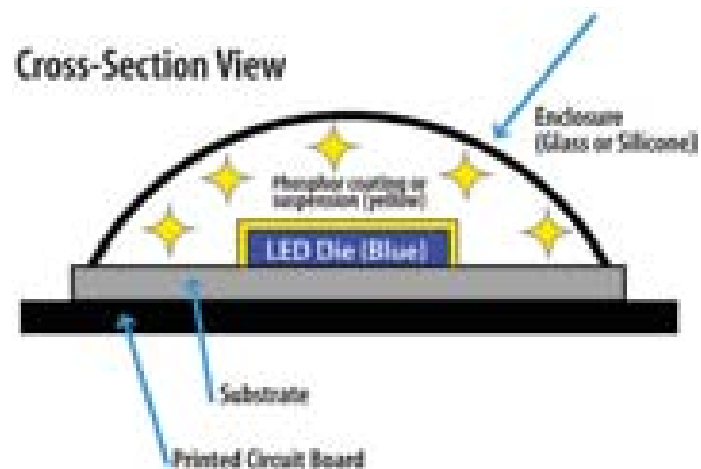
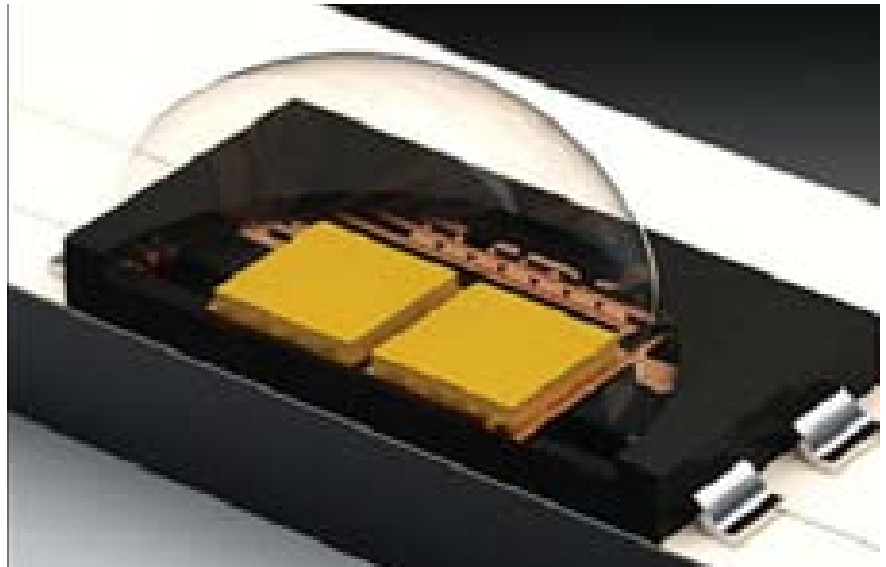
BINNING

What is Binning with respect to LEDs?

- What is Binning, and Why is it Necessary?
- Color Temperature, Chromaticity
- ANSI Binning Standard

The practice of binning is designed to maximize effective utilization in the production of LEDs. This process is most important for luminaire manufacturers to specify and control since it has serious implications on performance, cost and lead-time. It is also important as a point of general awareness for specifiers and end-use customers so they understand how the manufacturing supply chain is ensuring high quality and consistency – specifically with regard to critical performance attributes such as light output, color and wattage.

To understand binning, it is helpful to first review the process of LED production. In the production of LEDs, a single round wafer is coated with various materials (epitaxial growth) to create the semiconductor which forms the heart of the blue LED. This is then sliced into extremely small rectangles (die). Electrical connections are made to the die (wire bond or flip chip) and the phosphor is added either as a coating or suspension within the LED package. The assembly is then encapsulated to create a finished white light LED package.



Binning is important for luminaire manufacturers to specify and control since it has serious implications on performance, cost and lead-time.

The coating processes (epitaxial growth and phosphors) create significant inherent variations that impact the lumens, color temperature and voltage of the LEDs. In an effort to maximize yields (and with a knowledge that the lighting industry has a wide range of needs), LED manufacturers sort their production into lumen, color and sometimes voltage bins. This allows luminaire manufacturers to select only those LEDs that meet their acceptable performance ranges while maximizing the overall utilization of the very expensive LED production equipment. It is worth noting that with the heavy investment in R&D, LED manufacturing has become significantly more controlled. Bin ranges today are significantly tighter than they were a few short years ago.

If a luminaire manufacturer accepts a very wide range of LEDs (in any of the binned criteria), price and lead time are substantially improved. On the downside, the variability of luminaire performance is substantially increased, creating high probability for negative impact to end-use

customers. This point becomes extremely important as we discuss key elements of fixture performance (photometry, energy use, color, etc).

As stated previously, there are several ways LEDs are binned. The most critical bin criteria that impact product performance are light output and color temperature. Binning for light output is a very straightforward linear function. LEDs are individually measured and sorted by lumen output into prescribed ranges. LED suppliers create their own standard set of lumen bins and provide clear information on the expected lumen performance of each of their bin ranges. So, luminaire manufacturers can easily select the bin (or set of bins) that best meets the lumen performance requirements of the fixture. Binning for color temperature is a more complex process. Color temperature bins (shown on page 1108) are defined by (x,y) coordinates on the CIE 1931 Chromaticity Diagram (shown at right).

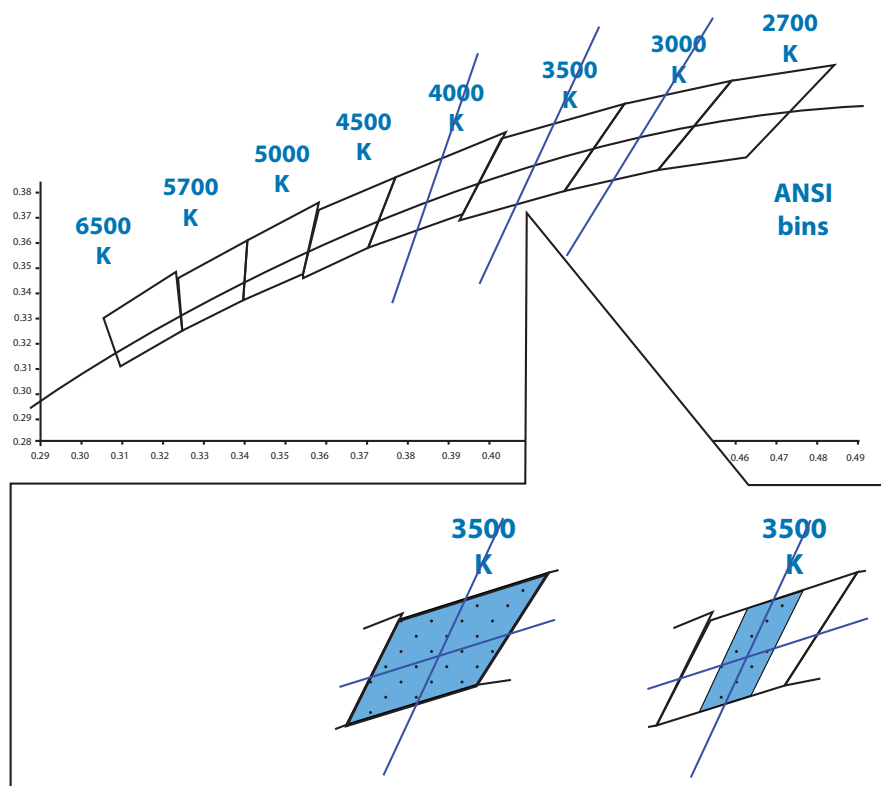


BINNING (Continued)

These bins are grouped as quadrants around the standard chromaticity lines (shown below in blue) for a specified color temperature. The larger the bin size, the more variation around the standard color temperature is accepted. Conversely, smaller bin sizes maintain a tighter control of color variation.

In 2008, ANSI and NEMA collaborated to establish a bin standard ANSI C78 377A1 which has become a minimum requirement for Energy Star® certification. This standard specifies a bin size that approximately correlates with the degree of color variation we experience today with commercial CFL sources. This allows for some degree of perceivable variation in color temperature among white light sources.

For more information about color binning and bin sizes, consult ANSI C78 377A.



- 1 Complete and proper name: ANSI NEMA ANSLG C78.377-2008 American National Standard for Electric Lamps—Specifications for the Chromaticity of Solid-State Lighting Products.

COLOR QUALITY

Color Quality With Respect to Digital LED Lighting

- Color Temperature
- Color Rendering Index (CRI)
- Color Quality Scale (CQS)

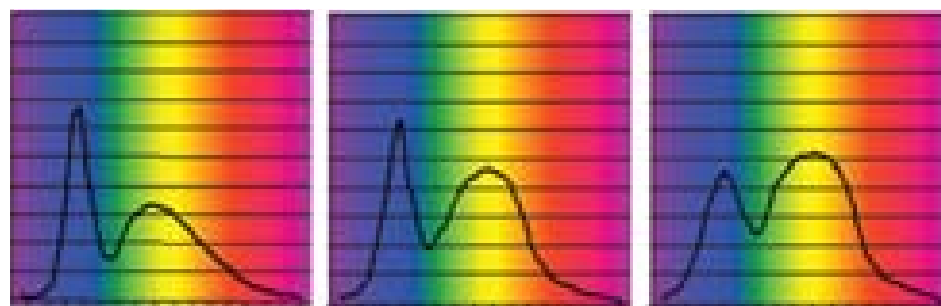
Color Temperature

Color temperature is a metric that quantifies the color “whiteness” of a light source. For most white light applications, the range of color temperature extends from 2700K on the low end (warm, incandescent appearance) to higher than 5000K (cool, metal halide appearance) on the high end.

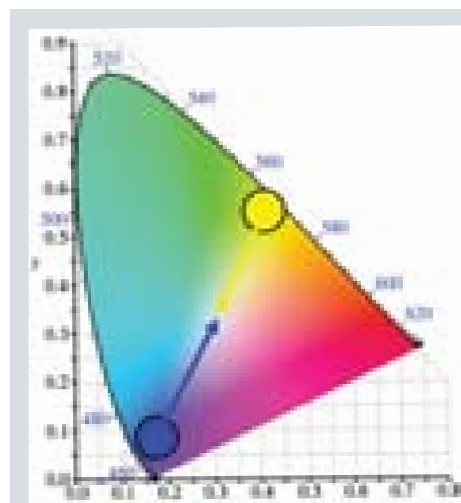
In the world of LEDs today, the predominant method for generating white light is a combination of an LED emitting blue light with a coating of yellow phosphor. The phosphor acts to capture part of the blue emission and converts some of this to yellow light. As indicated by the arrows in the graph to the

right, the combination results in white light. It is important to note that this conversion process incurs efficiency losses. The more blue light is converted to yellow, the higher the incurred losses. This explains why the most efficacious LEDs (highest lumens per watt) available today tend to be color temperatures of 4000K and higher. Over time, the gap in efficacy across the color temperature range will continue to close as LED manufacturers create more efficient phosphors.

As seen in the illustration below, by applying different types of phosphors and/or varying the coating thickness, more of the blue light from the LED is converted to yellow.



Special Distribution Charts showing varying mix of blue LED with yellow phosphor.



CIE 1931 Chromaticity Diagram

For more information about color temperature – specifically relative to LEDs, refer to this article on the Department of Energy’s website: Color Quality of White LEDs, located at:

<http://www1.eere.energy.gov/buildings/ssl/factsheets.html>.

COLOR QUALITY (Continued)

Color Rendering Index

Light sources differ in their ability to accurately portray the true colors of objects. So, while color temperature is an important characteristic of how the source appears, CRI is a characteristic of how the source interacts with its environment. By definition, the ability to accurately “render” all colors by a full-spectrum source such as sunlight (or an incandescent lamp) is defined as 100%.

Through a sophisticated set of calculations, the reflected color of the samples under the test lamp is compared to the color of those same

samples under the reference incandescent lamp. The aggregated set of numbers is reported as the lamp’s CRI value. It is important to note that the lack of saturated colors in the current CRI definition has driven artificially low values for the LED light source.

Color Quality

The National Institute of Standards and Technology (NIST) is currently in the process of creating a new color rendering standard which will be known as Color Quality Scale (CQS) and will address deficiencies of the current standard.

While the establishment of a new color scale may take some time, it is important to note that deficiencies of CRI are not specific to LED light sources. The scientific migration away from CRI as the definitive metric has been underway for several years as other new sources (ceramic metal halide, induction, etc.) have found that the color rendering index is not complete enough to capture the human visual experience. With LED lighting, it is therefore recommended to use CRI as a starting guide. The judgment of suitability of the system’s color quality is ultimately best experienced in the actual application.

15 color swatches for CRI

Name	Appl. Munsell	Appearance under daylight	Swatch
TC801	7.5 R 6/4	Light grayish red	
TC802	5 Y 6/4	Dark grayish yellow	
TC803	5 GY 6/6	Strong yellow green	
TC804	2.5 G 6/6	Moderate yellowish green	
TC805	10 BG 6/4	Light bluish green	
TC806	5 PB 6/6	Light blue	
TC807	2.5 P 6/6	Light violet	
TC808	10 P 6/6	Light reddish purple	
TC809	4.5 R 4/13	Strong red	
TC810	5 Y 8/10	Strong yellow	
TC811	4.5 G 5/6	Strong green	
TC812	3 PB 3/11	Strong blue	
TC813	5 YR 6/4	Light yellowish pink (skin)	
TC814	5 GY 4/4	Moderate olive green (leaf)	
TC815	1 YR 6/4	Asian skin	



For more information about the development of CQS:

http://www.nist.gov/pml/div685/grp03/vision_color.cfm

Source: National Institute of Standards & Technology

PHOTOMETRIC MEASUREMENTS

Photometric Measurement of LED Luminaires

- Relative and Absolute Photometry
- Photometry Standard IESNA LM-79-08
- How is a Luminaire 100% Efficient?
- DOE CALiPER Program

Many aspects of traditional photometry are not applicable for evaluating LED products. With conventional sources, the science of photometry sought to completely disconnect the characteristics of the lamp/ballast from the performance of the fixture. This enabled fixture and lamp performance to be evaluated separately, giving designers the information needed to select the best-performing combination of fixture and lamps to meet their needs. The methodology for this type of testing is known as relative photometry. In this method, a lamp is chosen to measure within the photometer at the lamp manufacturer's specified electrical conditions (e.g. 54W fluorescent driven by a suitable ballast). A

lumen value is measured and then scaled to the lamp manufacturer's published lumen value. In this way, the variation of the tested lamp is factored out of the photometric process. The same lamp and ballast are then placed within the luminaire and the distribution of the light is measured. In this way, the photometry is scaled to the rated value of lumens claimed by the lamp supplier. In addition, the photometry can be used for other lamps that share similar characteristics (size, shape, distribution) by simply scaling the lamp lumens accordingly within lighting application analysis programs (such as Visual®).

Decoupling the "lamp" from luminaire in an LED product is not practical since the LED performance is so intricately tied to the thermal design of the luminaire. To overcome this issue, the IES (working in conjunction with DOE) developed IESNA LM-79-08 (Electrical and Photometric Measurement of Solid-State Lighting Products), which is a testing method to measure the performance of LED-based luminaires. This method is termed absolute photometry, since the results are actual or "absolute", not "relative" or scaled to a source that was not actually tested. The limitation of absolute photometry is that it is applicable only for the exact luminaire / light source combination tested.

PHOTOMETRIC MEASUREMENTS (Continued)

The consequence is that, unlike traditional photometry, efficiency in the world of LED lighting is a quantity that gives no meaningful information about the performance of the LED luminaire. For first-level comparisons, it is the luminaire lumens that must be compared for LED luminaires - rather than fixture efficiency. In addition, the metric of luminaire (delivered) lumens is common to both absolute and relative photometry and therefore allows for a direct comparison of products measured with both methods.

As with traditional files, the generated photometric report for LED luminaires gives the measured lumens, distribution and wattage of the tested luminaire. In some cases, additional information on the CCT and CRI of the luminaire is also provided, but not required. If needed, the generated electronic file is converted to standard "IES file" format for absolute photometry specified in IES LM-63-02 (Standard File Format for the Electronic Transfer of Photometric Data and Related Information). This file format is easily used in programs such as Visual to calculate the initial performance of the luminaire within a 25°C ambient environment. In ambients other than 25°C, an appropriate Luminaire Ambient Temperature (LAT) factor must be applied to account for the temperature response of the LED luminaire. This set of factors (LAT vs. temperature) is specific to each luminaire and is provided by the luminaire manufacturer. It is based on rigorous testing of the luminaire as well as information the luminaire manufacturer receives from their selected LED supplier.

There is a host of additional excellent literature that can be found on this topic under the measurement series of documents listed at the Department of Energy's site:

<http://www1.eere.energy.gov/buildings/ssl/factsheets.html>



Additional background on LM-79-08: A word of caution is warranted here. With the emergence of this standard, there may be a false sense of confidence that the photometric data reported is representative of a population of luminaires. With regard to the use of photometric data, LM-79-08 states "The data, however, should be used with the understanding that the photometric file describes the performance of a single luminaire and does not necessarily represent the average performance of a group of the same SSL luminaires."

As LED luminaires have become more integrated, optically and thermally, with the LED light source, it is now the responsibility of the luminaire manufacturer to ensure that their published photometric performance data is indeed representative of the range of LED bins (lumens, color and voltage) they have selected for each product. In the past this was less of a concern as major manufacturers of conventional lamps maintained control of their product performance, luminaire design had far less impact on lamp performance, and luminaire manufacturers simply controlled the optical performance of their fixtures.

To address this issue, the U.S. Department of Energy has established an LED product integrity program known as CALiPER¹ to test products and audit manufacturer's published performance data. Thus far the program has shown product integrity to be a valid concern as there have been numerous instances where manufacturers' claims could not be validated by the CALiPER labs.

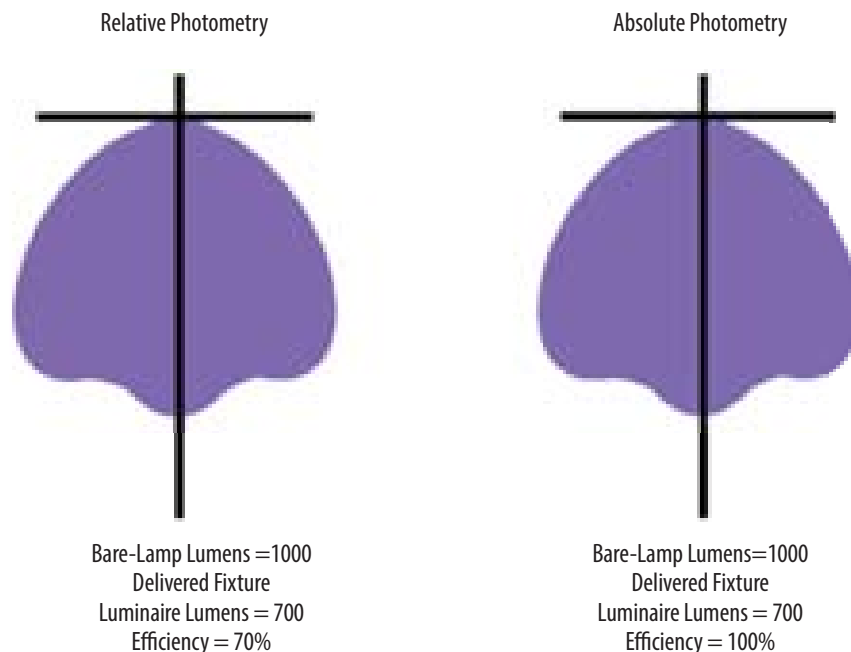
¹ CALiPER stands for Commercially Available LED Product Evaluation and Reporting. It is a program administered by the U.S. Department of Energy that supports testing of LED lighting products for non-commercial and educational use.

For more information on the program, refer to:
http://www1.eere.energy.gov/buildings/ssl/about_caliper.html.

How is a Luminaire 100% Efficient?

In traditional relative photometry, luminaire efficiency is a ratio of the amount of light exiting the luminaire to the amount of light being produced by the lamps within. When light interacts with materials it can be reflected, transmitted or absorbed. Luminaire efficiency is essentially an inverse measure of the net absorption that takes place within a luminaire optical system. Higher efficiency indicates less absorption and is expressed as more lumens exiting the luminaire.

With the absolute photometry method, as prescribed in LM-79-08, there is no measurement taken of the bare LED "lamp" since it cannot be removed from the luminaire without significantly altering its performance characteristics. This precludes the ability to ratio the light exiting the luminaire relative to the light produced only by the "lamp" – or in this case the LED module. Since the only quantity that is measured is the luminaire lumens, the efficiency of LED luminaires is by default 100%.



LIFE & DEPRECIATION

How is service life measured for LED systems?

- Life and Lamp Lumen Depreciation
- IES Standard LM80

While there has been great excitement about the potential for LED lighting to save energy, certainly at least as much anticipation has surrounded the promise of LEDs to deliver extremely long life. The practical service life of LEDs for lighting applications is a complex issue and it is VERY important that facts are separated from hype. As LED lighting technology evolves, what is seemingly solid knowledge today will change as R&D efforts (and associated rigorous testing programs) combine with field experience to frame up a more complete picture of the capabilities of this source.

With today's conventional light sources (HID, fluorescent, incandescent), the industry-set definition of service life is the point at which 50% of lamps have failed. Each of these source types has a distinct failure mode (e.g. electrode wear, cathode burnout, burned filaments, among others) that is known and anticipated

before a new lamp is even launched. The rich history of these lamp development efforts over the decades has enabled manufacturers to build a comprehensive data set to use in creating statistical projections of lamp life. All this has defined the current industry-accepted normal life functions and have shaped customers' expectations of source mortality.

All of this changes with LEDs.

To date, no consistent failure modes across the array of currently available LEDs have been uncovered. So, in the absence of catastrophic (i.e. non-operational) failures at the LED-package level, the Department of Energy (DOE) and Illuminating Engineering Society (IES) have agreed to define life for an LED as the time at which it degrades in light output to a given percent of its initial value. The nomenclature is given as L50 (50% of initial), L70 (70% of initial), and so on. It is important to realize however, the rate of this depreciation is highly

dependent on the operating conditions of the LED—namely junction temperature, operating current, and in some cases local ambient temperature (defined as the temperature immediately surrounding the LED). Since life is integrally tied to the LED's operating conditions, we can no longer separate the life of the LED from the characteristics of the luminaire. So, given the same LED, a luminaire with a poorly designed thermal system (leading to higher junction temperature) will have a far shorter life than one with a solid thermal management approach.

Bottom line: LED service life and lumen depreciation metrics are fundamentally interconnected and must be provided in the context of a specific luminaire design and intended application.

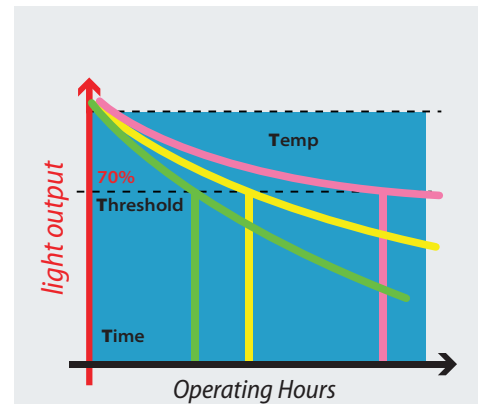
For example, the figure at right on the next page shows three curves for luminaires with varying degrees of thermal management.

As can be seen, life (defined by the time at which light degrades to 70% of initial lumens) is significantly shorter for the luminaires with poor thermal management. In order to ensure that LED suppliers measure and report the lumen maintenance characteristics of their LEDs in a consistent way, the Department of Energy (DOE) engaged the support of IES to establish the LM80 Standard. This test method requires LED suppliers to test and report the LED's lumen depreciation values at three operating conditions (two set within the document, and the third at the manufacturer's discretion) over a period of 6,000 hours.

This establishes a standard test methodology that (along with the LED spec sheets) allows luminaire companies to compare performance across LED suppliers. The LM80 does not prescribe how to extrapolate this 6khr data to the life predictions of the LED.

This task has been left to another standard, titled IES TM21, which takes LM80 data and uses an exponential curve fit to project the point at which lumens depreciate to 50%, 70% or any other desired point.

Hence, it is very important for the luminaire manufacturer to understand the specific extrapolation methods used by their chosen supplier and how the luminaire design impacts these critical parameters. In turn, manufacturers must process and supply the relevant results of this analysis (life of the luminaire, temperature limitations, etc) to customers for their consideration in selecting an LED lighting system.



A good discussion of the useful lifetime of LEDs can be found at the Department of Energy's website in a paper entitled "Lifetime of White LEDs".

<http://www1.eere.energy.gov/buildings/ssl/factsheets.html>

ACRYLIC ENVIRONMENTAL COMPATIBILITY

Certain chemicals that may exist in end-user locations release airborne contaminants that can impact the integrity and safety of key fixture components that contain acrylic material. Immediate damage may occur such as crazing, cracking, permeation losses and mechanical failure. Products with visually noticeable deterioration have diminished integrity and must be replaced immediately with a more suitable product for the application.

The following tables identify the most common chemicals and is not intended to be all-inclusive. Exposure to compounds identified as "Not Acceptable"

will void all warranties associated with the product. Acrylic components should not be used in areas where these chemicals are used and where these chemicals become mists or airborne vapors. Ensure that chemical interactions are considered when selecting fixtures. For additional information please consult an authorized factory representative.

The statements, technical information and recommendations obtained herein are believed to be accurate as of June 1, 2009. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Acuity Brands

Lighting expressly disclaims any and all liability. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The user should thoroughly test any application before commercialization.

Rating is based on visual appearance at ambient temperature 68°F, 50% humidity. Consult factory where applicable. All technical information is believed to be accurate as of June 1, 2009.

NOT ACCEPTABLE

Acetaldehyde	Cinnamon Oil	Methyl Salicyclate
_ Acetates	Cloves	Methylamine
Acetic Acid, 50%+	Cosmoline Removers	Methylene Dichloride
Acetic Anhydride	Cresol	Mineral Oil at 40°C+
Acetone	Cyclohexane	Nail Polish
Acetonitrile	Cyclohexanone	Naphtha
Acetophenone	Cyclohexene	n-butyric Acid, 100%
Acrylic Paints	Diacetone Alcohol	Nitric Acid, 40%+
Alcohol, Allyl	Diamyl Phthalate	Nitrobenzene
Alcohol, Amyl	Dibutyl Sebacate	Nitrocellulose
Alcohol, Benzyl	Diethyl Ether	n-Octane
Alcohol, Butyl (Butanol)	Dimethyl Formamide	Oleum
Alcohol, Ethyl (Ethanol), 50%+	Dioctyl Sebacate	Organic Solvents
Alcohol, Isopropyl	Dioxane	Paint Removers
Alcohol, Methyl (Methanol), 10%+	Ether	Paint Thinner
Aluminum Hydroxide	Ethyl Acetate	Perchloroethylene
Amyl Acetate	Ethyl Bromide	Petroleum Ether (100-120°C)
Ammonia at 40°C+	Ethyl Butyrate	Phenols
Aniline	Ethylene Bromide	Phosphoric Acid, 95%
Aromatic Solvents	Ethylene Chloride	Phosphoric Trichloride
Aviation Fuel (100 Octane)	Ethylene Dibromide	Phthalates
Benzaldehyde	Ethylene Oxide (Moist)	Pyridine
Benzene	_ Fluorides	Salicylic Acid
Benzoic Aldehyde	Formic Acid	Silicon Tetrachloride
Bituminous Emulsions	Fuels w/Benzene (Gasoline)	Sodium Phosphate
Brake Fluid	Glycol	Sulfoxides
Bromine Gas	Hydrofluoric Acid	Sulfur Dioxide, Liquid
Butraldehyde	Hydrochloric Acid, 40%+	Sulfuric Acid, 65% or 40°C+
Butyl Acetyl Ricinoleate	Hydrogen Peroxide, 40%+	Sulfurous Acid, Concentrated
Butyl Lactate	Iron Perchloride	Tincture of Iodine, 5%
Butyl Stearate	Isoctane	Toluene
Carbolic Acid	_ Ketones	Transformer Oil
Carbon Disulfide	Lacquer Thinner	Trichloroethane
Carbon Tetrachloride	Lactic Acid Butyl Ester	Trichloroacetic Acid
Cellulose Paints	Mercury Chloride	Trichloroethylene
Chlorinated Hydrocarbons	Meta-Cresol	Turpentine
Chlorinated Solvents	Methyl Benzoate	Vegetable Oil
Chlorine Gas	Methyl Chloride	Xylene
Chlorophenol	Methyl Cyclohexanol	
Chromic Acid	Methyl Naphthalene	

ACCEPTABLE

2-Ethylhexyl Sebacate	Fruit Juice	Potassium Chlorate
Acetic Acid, 5%	Glycerol (Glycerine)	Potassium Cyanide
Ammonia-Based Cleaners at 25°C	Heptane	Potassium Dichromate, 10%
Ammonia at 25°C	Hexane	Potassium Hydroxide at 25°C
Ammonium Hydroxide, 28%	Hydrochloric Acid, 38%	Potassium Permanganate
Ammonium Nitrate	Hydrogen Peroxide, 30%	Potassium Sulfite
Ammonium Phosphate	Hydrogen Sulfide	Power Steering Fluid
Aniseed, Bay Leaves, Nutmeg	Kerosene	Propylene
Anti-freeze	Lactic Acid, 20%	Pure-oil Paints
Beer	Metal Carbonates	Silicone Oil
Bleaching Powder Paste	Metal Chlorides	Silver Nitrate
Bleaching Powder Solution, 5%	Metal Sulfates	Soap Suds
Butane	Methane Gas	Sodium Chloride, 10%
Calcium Hypochlorite	Milk	Sodium Cyanide
Car Wash Detergent	Motor Oil	Sodium Fluoride
Carbon Dioxide Gas	Natural Gas	Sodium Hydroxide, 60%
Carbon Monoxide Gas	Nitric Acid, 20%	Sodium Hypochlorite, 15%
Caustic Potash	Nitric Oxide	Sodium Nitrate
Chlorine Based Cleaners at 25°C	Nitrogen Dioxide Gas	Sodium Thiosulphate, 40%
Chlorine, Aqueous, 2%	Nitrogen Monoxide Gas	Stearic Acid
Citric Acid, 20%	Olefinic Carboxylic Acids	Sulfur Dioxide, Dry Gas
Coffee (Unflavored)	Oleic Acid	Sulfuric Acid, 30% at 25°C
Cooking Oil	Olive Oil	Sulfurous Acid, 5%
Cottonseed Oil	Oxalic Acid, 100%	Tartaric Acid, 50%
Diethylene Glycol	Oxygen Gas	Transmission Fluid
Epoxy Adhesives	Ozone Gas	Tricresyl Phosphate
Ethyl Alcohol, 15%	Paraffin, Medicinal	Triethyl Amine
Ethylene Glycol	Pepper, Onions	Vinegar
Ethylene Oxide (Dry)	Phosphoric Acid, 10%	Wax Polish
Ferric Chloride, Aqueous, 10%	Photographic Baths	Whitewash
Formaldehyde, Aqueous, 40%	Polishing Compounds	Wine

POLYCARBONATE ENVIRONMENTAL COMPATIBILITY

Certain chemicals that may exist in end-user locations release airborne contaminants that can impact the integrity and safety of key fixture components that contain polycarbonate material. Immediate damage may occur such as crazing, cracking, permeation losses and mechanical failure. Products with visually noticeable deterioration have diminished integrity and must be replaced immediately with a more suitable product for the application.

The following tables identify the most common chemicals and is not intended to be all-inclusive. Exposure to compounds identified as "Not Acceptable"

will void all warranties associated with the product. Polycarbonate components should not be used in areas where these chemicals are used and where these chemicals become mists or airborne vapors. Ensure that chemical interactions are considered when selecting fixtures. For additional information please consult an authorized factory representative.

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Rating is based on visual appearance at ambient temperature 68°F, 50% humidity. Consult factory where applicable. All technical information is believed to be accurate as of June 1, 2009.

NOT ACCEPTABLE		
Acetaldehyde, 100%	Chromic Acid	Methylene Dichloride
Acetates	Clove Oil	Mineral Oil at 40°C+
Acetic Acid, Glacial, 100%	Cosmoline Removers	Mineral Spirits
Acetic Anhydride	Cresol	Nail Polish
Acetone	Cutting Fluids and Oils	Naphtha (Petroleum Ether)
Acetonitrile	Cyclohexanone	Naphthenic Acids
Acetophenone	Cyclohexene	n-butyric Acid, 100%
Alcohol, Allyl	Diamyl Phthalate	Nitric Acid, 25%+
Alcohol, Amyl	Dibutyl Sebacate	Nitrobenzene
Alcohol, Benzyl	Diethyl Ether	n-Octane
Alcohol, Ethyl (Ethanol), 50%	Dimethyl Formamide	Oleum
Alcohol, Isopropyl, 100%	Diocetyl Sebacate	Paint Removers
Alcohol, Methyl (Methanol), 50%	Dioxane	Paint Thinner
Aluminum Hydroxide	Ether	Perchloroethylene
Amines	Ethyl Acetate	Phenols
Ammonia	Ethyl Alcohol, Concentrated	Phenol, Aqueous, 5%
Ammonium Hydroxide	Ethyl Bromide	Phthalates
Amyl Acetate	Ethyl Butyrate	Potassium Hydroxide (Potash)
Aniline	Ethylene Bromide	Propane
Aromatic Hydrocarbons	Ethylene Dibromide	Pyridine
Aviation Fuel	Ethylene Oxide	Sodium Hydroxide
Benzaldehyde	Freon	Sodium Hypochlorite, 30%
Benzene	Fuels with Benzene (Gasoline)	Sodium Nitrate
Benzoic Aldehyde	Glass Cleaners	Sodium Sulfide
Brake Fluid	Hydrochloric Acid, 25%+	Sulfoxides
Bromine	Hydrofluoric Acid	Sulfur Dioxide
Butadiene	Hydrogen Peroxide, 40%+	Sulfuric Acid, 70%+
Butane	Isocane	Sulfurous Acid
Butyl Acetyl Ricinoleate	Kerosene	Tea
Butyl Stearate	Ketones	Tincture of Iodine, 5%
Calcium Hypochlorite	Lacquer Thinner	Toluene
Carbolic Acid	Lactic Acid Butyl Ester	Transformer Oil
Carbon Disulfide	Meta-Cresol	Trichloroacetic Acid
Carbon Tetrachloride	Methyl Benzoate	Trichloroethane
Cellulose Paints	Methyl Chloride	Trichloroethylene
Chlorinated Hydrocarbons	Methyl Cyclohexanol	Triethanolamine
Chlorinated Solvents	Methyl Ethyl Ketone	Turpentine
Chlorine	Methyl Naphthalene	Urea
Chlorophenol	Methyl Salicylate	Xylene
Diacetone Alcohol	Methylamine	

ACCEPTABLE		
Acetic Acid, 5%	Hydrochloric Acid, 15%	Silicone Oil
Ammonium Chloride	Hydrogen Peroxide, 30%	Silver Nitrate
Ammonium Phosphate	Lactic Acid, 20%	Soap Solutions
Ammonium Sulfate	Linseed Oil	Sodium Bicarbonate
Aniseed, Bay Leaves	Metal Carbonates	Sodium Chlorate
Anti-freeze	Metal Chlorides	Sodium Chloride, 10%
Beer	Metal Sulfates	Sodium Hypochlorite, 15%
Benzoic Acid	Methane Gas	Sodium Peroxide
Bleaching Powder Solution, 2%	Milk	Sodium Thiosulphate, 40%
Boric Acid, 10%	Mineral Oil at 25°C	Stearic Acid
Car Wash Detergent	Motor Oil	Sulfur Dioxide, Dry Gas
Carbon Dioxide	Natural Gas	Sulfuric Acid, 30%
Carbon Monoxide	Nitric Acid, 10%	Sulfurous Acid, 5%
Carbonic Acid	Nitrogen Dioxide Gas	Tannic Acid, 10%
Chlorine-base Cleaners (Clorox)	Oleic Acid	Tartaric Acid, 50%
Cinnamon, Onions	Olive Oil	Transmission Fluid
Citric Acid, 10%	Oxalic Acid, 100%	Tripropylene Glycol
Cooking Oil	Oxygen	Vegetable Oils
Cottonseed Oil	Paraffin, Medicinal	Vinegar
Cyclohexane	Phosphoric Acid, 30%	Water, Mineral Water
Diethylene Glycol	Photographic Baths	Wax Polish
Epoxy Adhesives	Polishing Compounds	Wine
Ethyl Alcohol, 15%	Potassium Bromate	Zinc Sulfate
Ethylene Glycol E	Potassium Bromide	
Fatty Acids at 25°C	Potassium Chlorate	
Ferric Chloride, Aqueous, 10%	Potassium Dichromate, 10%	
Formaldehyde, Aqueous, 40%	Potassium Permanganate	
Fruit Juice	Potassium Sulfate	
Glycerol, Glycerine	Power Steering Fluid	
Heptane	Propylene	
Hexane at 25°C	Salicylic Acid at 25°C	

ARCHITECTURAL COLORS

Lithonia Lighting has expanded its Architectural Color offering. With over 200 colors to choose from, you are sure to find a color that will fit your aesthetic criteria. This broad selection offers both smooth and textured finishes.

Current powder coating technology provides polyester-based compound combining the flexibility, impact resistance and corrosion protection of epoxies with the weather resiliency normally associated with brittle acrylics.

Series 49 RAL colors are weather resistant TGIC polyester powder coatings. The finish is smooth glossy with an 80-

90+ gloss level. Series 38 or other RAL finishes such as mattes or metallics will be considered custom-blended colors.

Additionally, Lithonia Lighting can match any custom color to a sample paint chip. A sample of the custom-blended finish will be provided by Lithonia for final approval. Lead times for these colors will be extended due to the custom match and approval process.





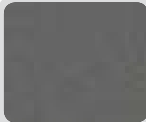








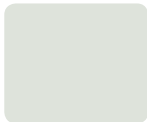
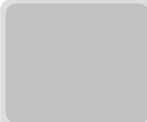










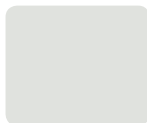





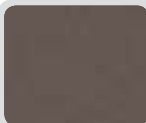

















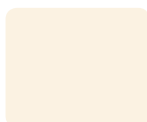
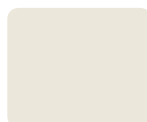
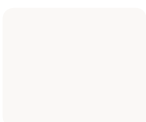


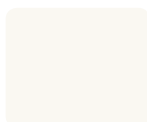
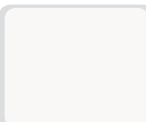


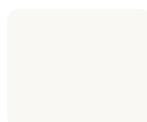


New, enhanced ordering logic now applies to architectural colors. To specify any of the colors

indicated in this chart, simply add the Lithonia Lighting nomenclature or RAL number (i.e. RAL 3016) to your fixture nomenclature.

							
DSS LITHONIA Sandstone P12	DSST TEXTURED Sandstone P90	DBR LITHONIA Bright Red P34	DSPH TEXTURED Light Red P80	DSPG TEXTURED Dark Red P81	DSPF TEXTURED Rust P79	DMB P11 LITHONIA Medium Bronze	DBNH P74 TEXTURED Bronze
							
DTG LITHONIA Tennis Green P33	DSPE TEXTURED Green P78	DSB LITHONIA Steel Blue P49	DSPJ TEXTURED Light Gray P76	DNA LITHONIA Natural Aluminum P07	DNAT TEXTURED Natural Aluminum P89	DGC LITHONIA Charcoal Gray P32	DSPD TEXTURED Dark Grey P77
							
DDB LITHONIA Dark Bronze P50	DDBT TEXTURED Dark Bronze P88	DBL LITHONIA Black P13	DBLB TEXTURED Black P75	DWH LITHONIA White P21	DWHG TEXTURED White P73	LITHONIA STANDARD COLORS	

Notes

These colors were reproduced to give a representative sample of finished product color. Some colors, however, may vary slightly from actual appearance due to printing variations and limitations. Please always contact a Lithonia Lighting representative for an accurate paint chip sample.

							
DBLG RAL 7016 Anthracite Grey	DBLH RAL 7021 Black Grey	DBNF RAL 7022 Umbra Grey	DMCN RAL 7023 Concrete Grey	DSPD TEXTURED Dark Grey	DBLJ RAL 7024 Graphite Grey	DGC LITHONIA Charcoal Gray	DBLK RAL 7026 Granite Grey
							
DBNK RAL 7030 Stone Grey	DMCP RAL 7031 Blue Grey	DCRN RAL 7032 Pebble Grey	DMQ RAL 7033 Cement Grey	DCRP RAL 7034 Yellow Grey	DGYL RAL 7035 Light Grey	DNA LITHONIA Natural Aluminum	DGYB RAL 7036 Platinum Grey
							
DMC RAL 7037 Dusty Grey	DMCS RAL 7038 Agate Grey	DBNL RAL 7039 Quartz Grey	DGYG RAL 7040 Window Grey	DSPA RAL 7042 Traffic Grey A	DCGL RAL 7043 Traffic Grey	DCRH RAL 7044 Silk Grey	DCP RAL 7045 Telegrey 1
							
DCPT RAL 7046 Telegrey 2	DCGJ RAL 7047 Telegrey 4	DBNN RAL 8000 Green Brown	DBNP RAL 8001 Ochre Brown	DBNQ RAL 8002 Signal Brown	DBNR RAL 8003 Clay Brown	DBNS RAL 8004 Copper Brown	DSPF TEXTURED Rust
							
DBNT RAL 8007 Fawn Brown	DBNU RAL 8008 Olive Brown	DBNV RAL 8011 Nut Brown	DBNW RAL 8012 Red Brown	DBNE RAL 8014 Sepia Brown	DBNM RAL 8015 Chestnut Brown	DBNX RAL 8016 Mahogany Brown	DBNB RAL 8017 Chocolate Brown
							
DBLL RAL 8019 Grey Brown	DBNH TEXTURED Bronze	DDB LITHONIA Dark Bronze	DBLM RAL 8022 Black Brown	DMCT RAL 8023 Orange Brown	DMCU RAL 8024 Beige Brown	DMB LITHONIA Medium Bronze	DMCV RAL 8025 Pale Brown
							
DMCW RAL 8028 Terra Brown	DCRB RAL 9001 Cream	DWHD RAL 9002 Grey White	DCRK RAL 9003 Signal White	DBLC RAL 9004 Signal Black	DBLA RAL 9005 Jet Black	DCRJ RAL 9010 Pure White	DWH LITHONIA White
							
DBLD RAL 9011 Graphite Black	DBL LITHONIA Black	DCRW RAL 9016 Traffic White	DBLE RAL 9017 Traffic Black	DCRL RAL 9018 Papyrus White			

LITHONIA STANDARD COLORS

	DCRT RAL 1000 Green Beige	PWP		DCRU RAL 1001 Beige	PWQ		DCRV RAL 1002 Sand Yellow	PWR		DYLC RAL 1003 Signal Yellow	PFS		DYLD RAL 1004 Golden Yellow	PWY		DYLE RAL 1005 Honey Yellow	PWW		DYLF RAL 1006 Maize Yellow	PWX		DYLA RAL 1007 Daffodil Yellow	PRW
	DCRW RAL 1011 Brown Beige	PWS		DYLG RAL 1012 Lemon Yellow	PWY		DSRG RAL 1013 Oyster White	PWS		DSS LITHONIA RAL 1021 Sandstone	P12		DCRX RAL 1014 Ivory	PWT		DCRH RAL 1015 Light Ivory	PWU		DY LH RAL 1016 Sulfur Yellow	PWZ		DORB RAL 1017 Saffron Yellow	PXC
	DY LJ RAL 1018 Zink Yellow	PXA		DBNJ RAL 1019 Grey Beige	PFZ		DCRQ RAL 1020 Olive Yellow	PWL		DY LB RAL 1021 Rape Yellow	PRX		DY LK RAL 1023 Traffic Yellow	PPC		DCRR RAL 1024 Ochre Yellow	PWM		DCRS RAL 1027 Curry	PWN		DORC RAL 1028 Melon Yellow	PXD
	DY LL RAL 1032 Broom Yellow	PXR		DORD RAL 1033 Dahlia Yellow	PXE		DORE RAL 1034 Pastel Yellow	PXF		DORK RAL 1037 Sun Yellow	PCS		DORF RAL 2000 Yellow Orange	PXG		DRDF RAL 2001 Red Orange	PXQ		DRDG RAL 3002 Vermillion	PXR		DORH RAL 2003 Pastel Orange	PXJ
	DRDH RAL 2004 Pure Orange	PFD		DORJ RAL 2008 Bright Red Orange	PXK		DORG RAL 2009 Traffic Orange	PC1		DORT RAL 2010 Signal Orange	PXL		DORL RAL 2011 Deep Orange	PXM		DORM RAL 2012 Salmon Orange	PXU		DRDB RAL 3000 Flame Red	PSG		DRDC RAL 3001 Signal Red	PFY
	DBRW RAL 3002 Carmine Red	PC3		DRDJ RAL 3003 Ruby Red	PXS		DBR LITHONIA RAL 3003 Bright Red	P34		DSPH TEXTURED RAL 3004 Light Red	P80		DRDK RAL 3004 Purple Red	PPS		DRDD RAL 3005 Wine Red	PEY		DRDE RAL 3007 Black Red	PSE		DRDL RAL 3009 Oxide Red	PGB
	DRDM RAL 3011 Brown Red	PFL		DRND RAL 3012 Beige Red	PXT		DRDP RAL 3013 Tomato Red	PXU		DRDQ RAL 3014 Antique Pink	PXV		DRDR RAL 3015 Light Pink	PXW		DRDS RAL 3016 Coral Red	PQD		DRDT RAL 3017 Rose	PQE		DRDU RAL 3018 Strawberry Red	PQF
	DORN RAL 3020 Traffic Red	PXP		DRDV RAL 3022 Salmon Pink	PMV		DRDW RAL 3027 Raspberry Red	PQG		DRDX RAL 3031 Orient Red	PQH		DSPG TEXTURED RAL 4001 Dark Red	P81		DPUC RAL 4001 Red Lilac	PUY		DPUD RAL 4002 Red Violet	PVZ		DPUE RAL 4003 Heather Violet	PVA
	DPUA RAL 4004 Claret Violet	PMD		DPUF RAL 4005 Blue Lilac	PUA		DPUJ RAL 4006 Traffic Purple	PUD		DPUB RAL 4007 Purple Violet	PME		DPUG RAL 4008 Signal Violet	PUB		DPUH RAL 4009 Pastel Violet	PUC		DBRX RAL 4010 Telemagenta	PC4		DBUE RAL 5000 Violet Blue	PCH

LITHONIA STANDARD COLORS

	DBUF RAL 5001 Green Blue	PX1		DBUG RAL 5002 Ultramarine Blue	PXY		DBUA RAL 5003 Sapphire Blue	PSL		DBUH RAL 5004 Black Blue	PXZ		DBUJ RAL 5005 Signal Blue	PLD		DBUK RAL 5007 Brilliant Blue	PYA		DBUL RAL 5008 Grey Blue	PYB		DBUM RAL 5009 Azure Blue	PYC
	DBUB RAL 5010 Gentian Blue	PSM		DBUN RAL 5011 Steel Blue	PD2		DBUP RAL 5012 Light Blue	PD3		DBUQ RAL 5013 Cobalt Blue	PD4		DBUR RAL 5014 Pigeon Blue	PSQ		DBUS RAL 5015 Sky Blue"/>	PBQ		DBUV RAL 5017 Traffic Blue	PMC		DGRJ RAL 5018 Turquoise Blue	PGZ
	DBUD RAL 5019 Capri Blue	PSP		DGRL RAL 5020 Ocean Blue	PKZ		DGRK RAL 5021 Water Blue	PGK		DBUT RAL 5022 Night Blue	PD5		DDBB RAL 5023 Distant Blue	PC9		DBUU RAL 5024 Pastel Blue	PML		DGRD RAL 6000 Patina Green	PGG		DGRM RAL 6001 Emerald Green	PD6
	DGRN RAL 6002 Leaf Green	PMW		DGRP RAL 6003 Olive Green	PLH		DGRF RAL 6004 Blue Green	PGL		DGYR RAL 6005 Moss Green	PC8		DGRQ RAL 6006 Gray Green	PD7		DTG LITHONIA Tennis Green	P33		DGRR RAL 6007 Bottle Green	PD8		DGRS RAL 6008 Brown Green	PD9
	DSPE TEXTURED Green	P78		DGRG RAL 6009 Fir Green	PKA		DGRF RAL 6010 Grass Green	PE1		DGRU RAL 6011 Reseda Green	PE2		DGRH RAL 6012 Black Green	PKM		DGRV RAL 6013 Reed Green	PE3		DGRW RAL 6014 Yellow Olive	PVG		DGRX RAL 6015 Black Olive	PE4
	DMCA RAL 6016 Turquoise Green	PPF		DMCB RAL 6017 May Green	PUE		DMCC RAL 6018 Yellow Green	PUF		DMCD RAL 6019 Pastel Green	PUG		DMCE RAL 6020 Chrome Green	PUH		DGRC RAL 6021 Pale Green	PFW		DMCF RAL 6022 Olive Drab	PNV		DMCG RAL 6024 Traffic Green	PUJ
	DMCH RAL 6025 Fern Green	PUK		DMCJ RAL 6026 Opal Green	PUL		DMCK RAL 6027 Light Green	PUM		DGRE RAL 7002 Pine Green	PGW		DMCL RAL 6029 Mint Green	PUN		DMCN RAL 6032 Signal Green	PUP		DGAN RAL 6033 Mint Turquoise	PD1		DBUW RAL 6034 Pastel Turquoise	PVH
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	DGYT RAL 7008 Khaki Grey	PAJ		DBND RAL 7009 Green Grey	PTR		DGYU RAL 7010 Tarpaulin Grey	PYZ		DGYV RAL 7011 Iron Grey	PQA		DGYW RAL 7012 Basalt Grey	PPV		DGYX RAL 7013 Brown Grey	PQB		DBLF RAL 7015 Slate Grey	PQT		DSB LITHONIA Steel Blue	P49

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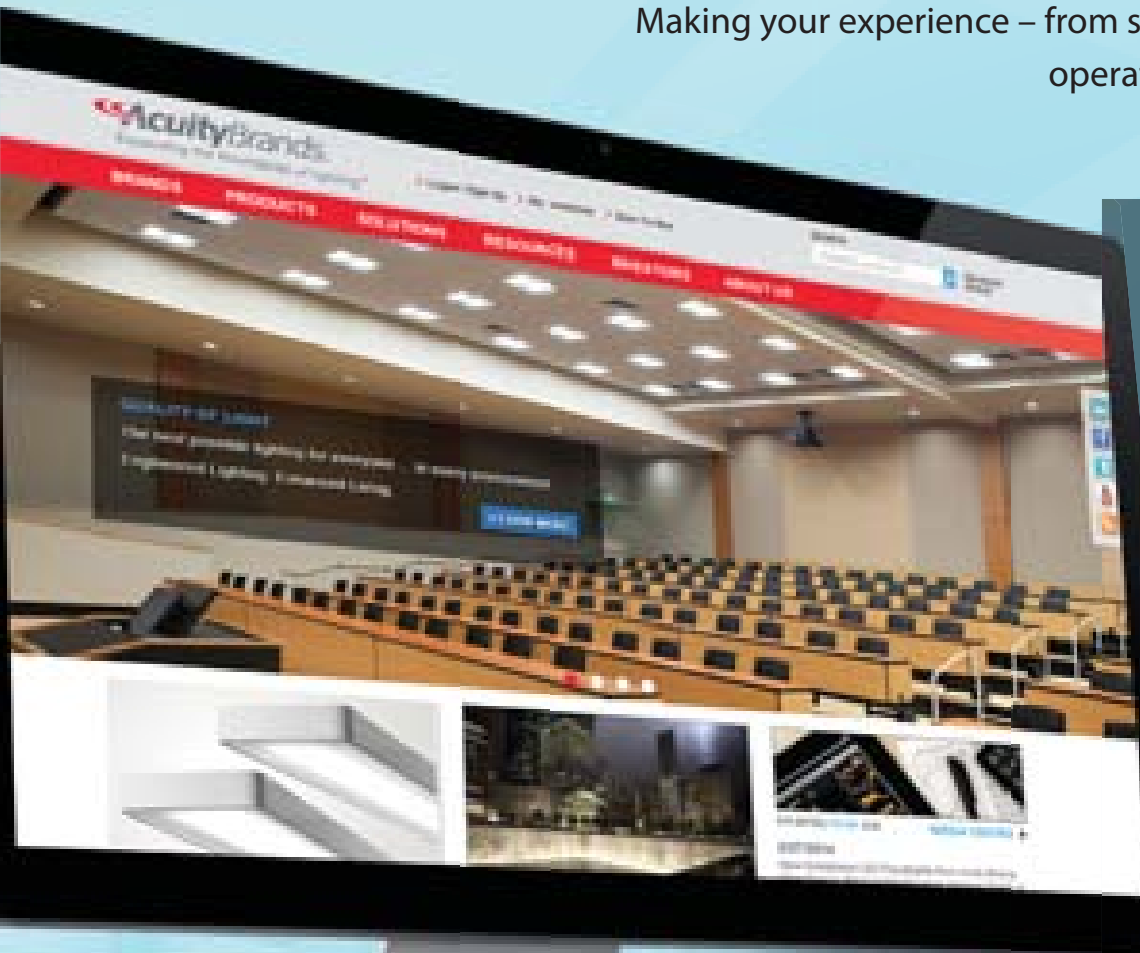
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