

DIGITAL NAVIGATION

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FEATURES & SPECIFICATIONS

INTENDED USE — The BLTR Best-Value Low Profile LED Relight Assembly is a cost effective solution for renovating existing fluorescent troffer and parabolic fixtures while providing upgraded aesthetics and outstanding performance. The BLTR's popular center basket design offers a clean, versatile style, and volumetric distribution. The wide range of lumen packages and control and driver options make the BLTR a great choice for many applications including offices, schools, hospitals, retail spaces and other general lighting applications. Certain airborne contaminants can diminish integrity of acrylic. [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Universal end brackets are constructed of 22-gauge powder-painted steel and are secured to the host fixture with provided TEKS™ screws. The driver and light engine assembly is integrated in the BLTR door assembly making this an extremely simple, time saving, relight solution. The door frame and reflector assembly is made of cold-rolled steel and is painted after fabrication with a matte white powder paint for improved aesthetics and increased light diffusion. Diffusers are extruded from impact modified acrylic for increased durability. Diffuser trim rings provide an attractive mounting for integral sensors as well as adding a decorative element to the luminaire aesthetics.

LED boards and driver are accessible from below.

OPTICS — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces – rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Four diffuser choices available - curved and square designs with linear prisms or a smooth frosted finish.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. >80% lumen maintenance at 60,000 hours (>L80/60,000). Calculated L70 is greater than 100,000 hours.

Non-Configurable BLTR Relight: Generic 0-10 volt dimming driver. Dims to 10%

Configurable BLTR Relight: available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information below.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Step-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

Optional integrated nLight® controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, nLight AIR RIO, RES7 occupancy sensors, and photo controls. Simply connect all the nLight enabled control devices and the BLTR Relight assembly using standard Cat-5 cabling. Unique plug-and-play convenience as devices and luminaires automatically discover each other and self-commission. Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting. Driver disconnect provided where required to comply with US and Canadian codes.

SENSOR — Integrated sensor (individual control): SensorSwitch MSD7ADCX ((Passive infrared (PIR) or MSDPD7ADCX ((PIR/Microphonics Dual Tech (PDT)) integrated occupancy sensor/automatic dimming photocell allows the luminaire to power off when the space is unoccupied or enough ambient light is entering the space. See page 4 for more details on the integrated sensor.

Integrated Sensor (nLight Wired Networking): This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software. See page 6 for the nLight sensor options.

Integrated Smart Sensor (nLight Air Wireless Platform): the rES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY™, which allows for simple sensor adjustment. See page 6 for more details on the Integrated Smart Sensor.

Integrated Wireless Sensor (single room control): SensorSwitch VERTEX JOT or JOTVTX15 luminaire-embedded occupancy and ambient light sensor allows the luminaire to power off when the space is unoccupied or when enough ambient light is entering the space. See page 4 for more details on the integrated wireless sensor.

INSTALLATION — After existing fluorescent components are removed from the host housing, universal end brackets are secured in place with TEKS™ screws. The BLTR's integrated driver and light engine door assembly can then be hinged to the universal end brackets and will hang in place for completion of assembly plug-in wiring. Rotate the doorframe assembly closed and pivot the cam latches to secure the doorframe in place. Suitable for damp location installations. Damp location not available with sensor versions.

LISTINGS — UL/CUL Listed for use in fluorescent light fixtures. Installing Relight assemblies per instructions will not impact existing fixture UL listing. Tested to LM80 standards.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

BUY AMERICAN — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number
Notes
Type

BLTR Relight Series

2BLT2R

2' x 2' Relight LED



Specifications

Length: 23.9 (60.7)
 Width: 23.9 (60.7)
 Depth: 2.75 (6.9)
 Weight: 10 (25.4)

All dimensions are inches (centimeters) unless otherwise specified.

Embed nLight controls today. Prepare for tomorrow.

Now

- User-friendly install
- Enhanced energy savings
- Code compliance

Tomorrow

- Scalability
- Space configuration
- Future-ready

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background***

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details.

2BLT2R Volumetric Recessed Lighting 2'x2' Relight

A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: 2BLT2R 33L ADP EZ1 LP835

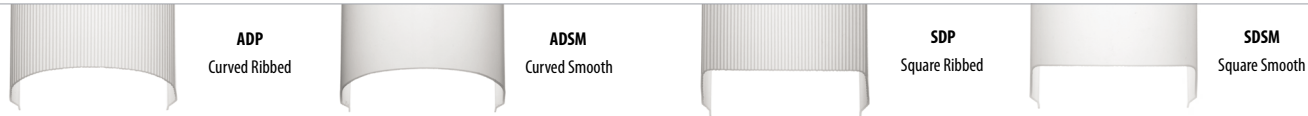
2BLT2R		Trim Type/ Air Function		Lumens ²		Diffuser		Voltage		Driver		Color temperature							
2BLT2R	2X2 BLTR	(blank)	Standard white two-piece flanged bracket	Standard efficiency (>125 LPW)	High efficiency³ (>130 LPW)	ADP Curved, linear prisms ADSM Curved, smooth SDP Square, linear prisms SDSM Square, smooth Diffusers w/ trim rings ADPT Curved, linear prisms ADSMT Curved, smooth SDPT Square, linear prisms SDSMT Square, smooth		(blank) MVOLT		EZ1 eldoLED dims to 1% (0-10 volt dimming)	LP830 82CRI, 3000 K LP835 82CRI, 3500 K LP840 82CRI, 4000 K LP850 82CRI, 5000 K LP930 90CRI, 3000K LP935 90CRI, 3500K LP940 90CRI, 4000K LP950 90CRI, 5000K								
														A	Standard two-piece flanged bracket painted black to match parabolic / air-handling reveals	20L 2000	20LHE 2000	277 277V	GZ1 Dims to 1% (0-10V dimming) ⁶
																33L 3300	33LHE 3300	347 347V ^{4,5}	
		F	Flangeless two-piece bracket for installation in drywall / "hard lid" ceilings	40L 4000	40LHE 4000										GZ10 Dims to 10% (0-10V dimming) ⁶				
					48LHE 4800														
		LPB	One-piece low profile bracket for installation in some obstructed housings (consult factory)												SLD Step-level dimming ⁷				
																EOHN On/Off (non-dim)			

nLight Interface		Control ¹⁰		Standby Mode		Options	
nLight Wired		nLight Wired		Individual Control			
(blank)	no nLight [®] interface	(blank)	No sensor control	MSD7ADCX	PIR integral occupancy sensor with automatic dimming control photocell ¹²	NOC	Occupancy sensor disabled ¹³
N80	nLight with 80% lumen management	NES7	nLight™ nES 7 PIR integral occupancy sensor ¹¹				EL7L 700 lumen battery pack EL14L 1400 lumen battery pack E10WLCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS
N80EMG	nLight with 80% lumen management. For use with generator supply EM power ⁸	NESPDT7	nLight™ nES PDT 7 dual technology integral occupancy control ¹¹	MSDPDT7ADCX	PDT integral occupancy sensor with automatic dimming control photocell ¹²		BGTD Bodine Generator Transfer Device ¹⁴
N100	nLight without lumen management	NES7ADCX	nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ¹¹				GLR Fast-blowing fuse ¹⁵ GMF Slow-blowing fuse ¹⁵
N100EMG	nLight without lumen management. For use with generator supply EM power ⁸	NESPDT7ADCX	nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ¹¹	JOT	Wireless room control with "Just One Touch" pairing ¹⁸		NPLT Narrow pallet FAO Field adjustable output ¹⁶ USPOM US Point of Manufacture JP32 Job Pack
nLight Wireless		nLight Wireless		JOTVTX15	Wireless occupancy sensor with "Just One Touch" pairing ¹⁸		
(blank)	no nLight [®] interface	RES7	nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control				
NLTAIR2	nLight AIR Generation 2 enabled ⁹	RES7PDT	nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell for Zone Control				
		RIO	nLight AIR radio module without sensor				
		RES7EM	nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ¹⁷				
		RES7PDETM	nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ¹⁷				
		RIOEM	nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ¹⁷				

Notes

- Consult factory for airflow data.
- Approximate lumen output.
- All versions may not achieve 130+ LPW. Refer to photometry on www.acuitybrands.com.
- Not available with EL7L or EL14L battery packs.
- 347 not available with SLD
- GZ1, GZ10 not available with any Control or Sensor options.
- Not available with N80, N80EMG, N100, N100EMG, NLTAIR2, or occupancy control.
- nLight EMG option requires a connection to existing nLight network. Power is provided from a separate N80 or N100 enabled fixture.
- Must order with RES7, RES7PDT, or RIO sensor. Only available with EZ1 driver.
- Must specify diffuser with trim rings. See sensor options on page 4.
- Requires N80, N80EMG, N100, or N100EMG.
- Only available with EZ1 driver option. 0-10V dimming wires not accessible via access plate. Not available with Controls options.
- Can only be ordered in conjunction with EZ1, NLTAIR2, RES7/RES7PDT. Occupancy sensor disabled at factory but can be re-enabled upon commissioning.
- Requires BSE labeling. Consult factory for options.
- Must specify voltage, 120 or 277 with GLR & GMF fusing.
- Consult factory.
- See UL924 Sequence of Operation chart on page 3.
- Wired 0-10V dimming control not available. Not available with nLight Interface or Controls options. Not available with SLD, NOC, BGTD, or FAO. Must specify diffuser with trim rings.

Multiple Diffuser Options



Non-Configurable BLTR

Non-Configurable BLTR								
Stock	Catalog Description*	UPC	Lumens	Wattage	LPW	Color Temperature	Voltage	Pallet Qty
Stock	2BLT2R 33L ADP LP835	190887550900	3313	27	124	3500K/80 CRI	120-277	52
	2BLT2R 33L ADP LP840	190887550931	3404	27	127	4000K/80 CRI	120-277	52

UL924 Sequence of Operation

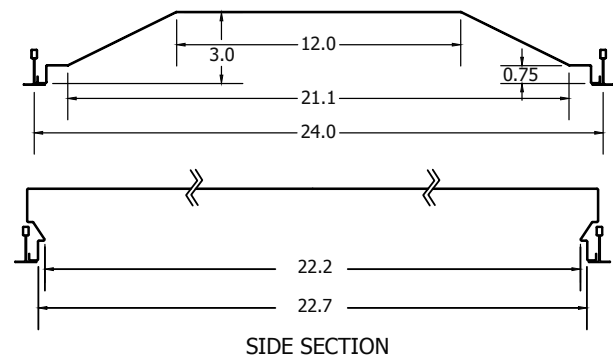
- For 90 minutes following any complete AC power interruption >200 ms:
- Digital dimming is commanded to high end trim level.
 - Device ignores wireless lighting control commands.

Accessories & Replacement Parts

Replacement Parts: <i>Order as separate catalog number.</i>	
DBLTR24 ADP LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 SDP LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 ADSM LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 SDSM LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 ADPT LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 SDPT LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 ADSMT LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 SDSMT LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 ADPT SENSOR LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 SDPT SENSOR LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 ADSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens (trims included)
DBLTR24 SDSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens (trims included)
U10528B	2 ft. replacement troffer trim strip

Fit & Compatibility

The 2BLT2R Relight Assembly was designed to upgrade recessed 2x2 fixtures, including most parabolic and lensed troffers from all major manufacturers. Dimensional requirements are below, but Lithonia Lighting recommends a trial installation prior to purchasing project quantities.



Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.

*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.

The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.

Please contact us at productsupportemergency@acuitybrands.com for any Emergency Battery related questions.

Application Guide

2BLT2R — Typically used for lensed troffer installations. Assembly contains white end brackets and is supplied with white trim strips for use in closing gaps down fixture sides (installer's choice - not required).

**Note: This kit will fit in Lithonia's Avante non-air fixture.*



2BLT2R A — Typically used for parabolic installations with black reveal. Assembly contains black end brackets to match black reveal around host housing. Does not interfere with host housing air supply/return if present (along fixture sides).



JOT Wireless



SensorSwitch JOT Enabled Wireless Solution

Designed with contractors in mind, the SensorSwitch JOT enabled wireless solution offers a straightforward approach to the installation and pairing of lighting fixtures and controls. Absolutely no 0-10V control wires and no mobile apps are needed with JOT enabled products, allowing for lightning speed installation right out of the box.

- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.



BLTR Series



BLTR Series with integrated JOT OCC Sensors



SensorSwitch WSXA JOT



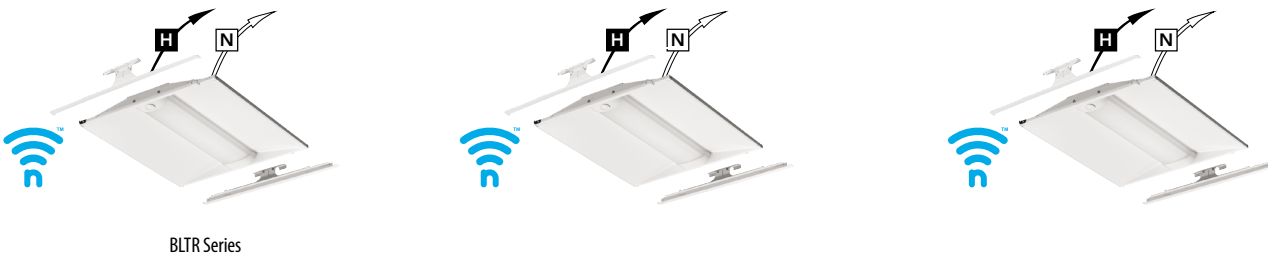
SensorSwitch SPODMRA JOT



nLight Platform

nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

nLight Air Wireless



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome



nLight Wired Networking



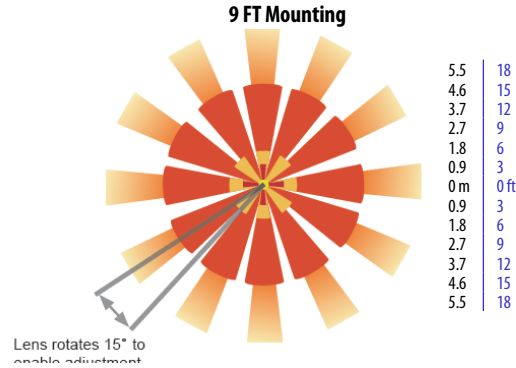
Simple as 1,2,3

1. Install the nLight® Wired fixtures with embedded control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)

Sensor Options					
Option	Automatic Dimming Photocell	Occupancy Sensing		nLight Wired Networking	nLight AIR Networking
		PIR	PDT		
MSD7ADCX	X	X			
MSDPDT7ADCX	X		X		
NES7		X		X	
NES7ADCX	X	X		X	
NESPDT7			X	X	
NESPDT7ADCX	X		X	X	
RES7	X	X			X
RESPDT7	X	X	X		X

Sensor Coverage Pattern Mini 360° Lens

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor



Integrated Sensor with Individual Control

The MSD7ADCX PIR occupancy sensor/automatic dimming photocell is ideal for areas without obstructions and where daylight harvesting may be desired. Suggested applications include, but not limited to, hallways, corridors, storage rooms, and breakrooms or other areas where people are typically moving.

The MSDPDT7ADCX PIR/Microphonics Dual Tech occupancy sensor/automatic dimming photocell is ideal for areas with obstructions and where daylight harvesting is desired. Suggested applications include, but not limited to, open offices, private offices, classrooms, public restrooms, and conference rooms.

nLight AIR Wireless

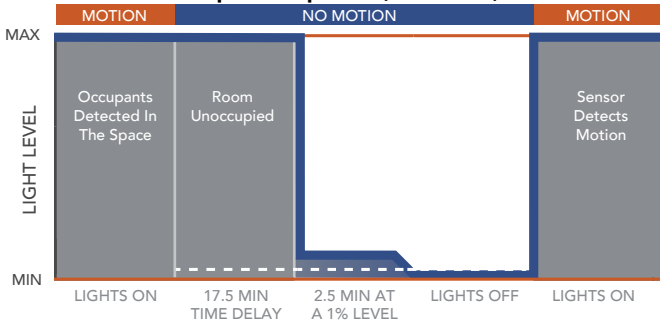
nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. The integrated rES7 or rES7PDT smart sensors are part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.

nLight Wired Networking

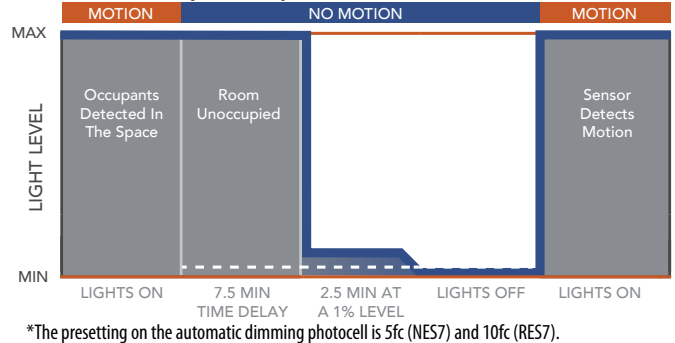
The nES7 is ideal for small rooms without obstructions or areas with primarily walking motion. Ideal areas include hallways, corridors, storage rooms, and breakrooms. Additionally, the nES7ADCX includes an integrated photocell, which enables daylight harvesting controls.

For areas like restrooms, private offices, open offices, conference rooms or any space with obstructions, the nES PDT 7 dual technology sensor is recommended. The nES PDT 7 utilizes both PIR (passive infrared) and Microphonics technologies to detect occupancy. Additionally, the nESPDT7ADCX includes an integrated photocell, which enables daylight harvesting controls which is ideal for areas where windows are present.

Sequence of Operation (MSD7 Sensor)



Sequence of Operation (nES7 and rES7 and Sensor)



Controls Accessories

nLight® Wired Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.

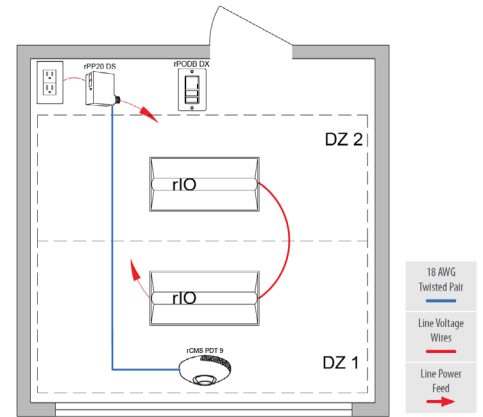
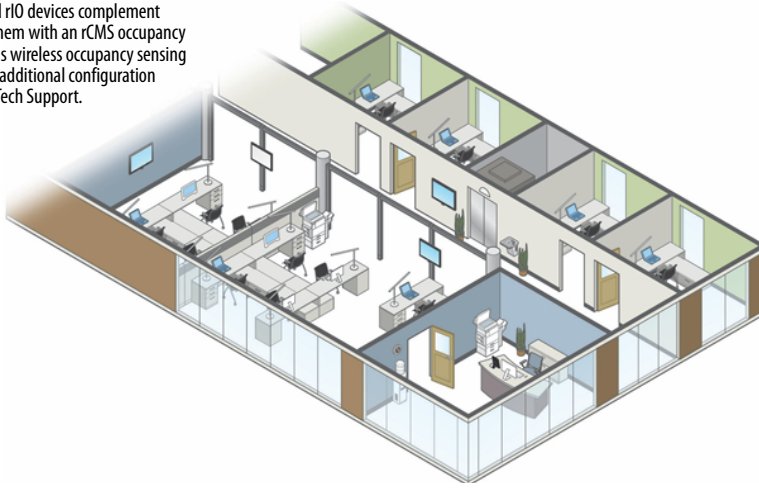
WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODMA [Color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODMA DX [Color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD TOUCH [Color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number
Full range dimming	nCM ADCX RJB	10' cable	CATS 10FT J1
		30' cable	CATS 30FT J1

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODBA [color] G2
On/Off two pole	rPODB A2P [color] G2
On/Off & raise/lower single pole	rPODBA DX [color] G2
On/Off & raise/lower two pole	rPODBA 2P DX [color] G2

BLTR fixtures with integrated rIO devices complement any small office space. Pair them with an rCMS occupancy sensor and the space now has wireless occupancy sensing and dimming capability. For additional configuration options please consult with Tech Support.



rCMS¹ Example: RCMS PDT 10 AR G2

Series / Detection	Power Supply ¹	Occupancy Detection	Lens (Required)	Operating Mode	Generation
RCMS nLight AIR occupancy and daylight sensor	[blank] Power Supply ordered separately PS 150 Standard 150 mA Power Supply	[blank] PIR Detection PDT Dual Tech PIR/ Microphonics	10 Large Motion/ Extended Range 360° 9 Small Motion/ Extended Range 360° 6 High Bay 360° Lens	[BLANK] None AR Auxiliary Relay	G2 Generation 2 compatibility

Notes

1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.



SensorSwitch
WSX



nLight WIRED
NPOD UNITOUCH



nLight WIRED
nPODMA DX



nLight AIR
rPODBA



BLTR with rIO



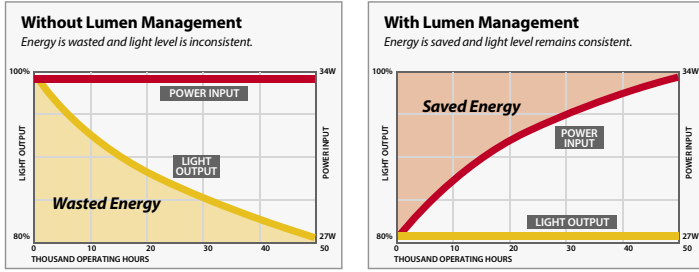
rPODBA



RCMS

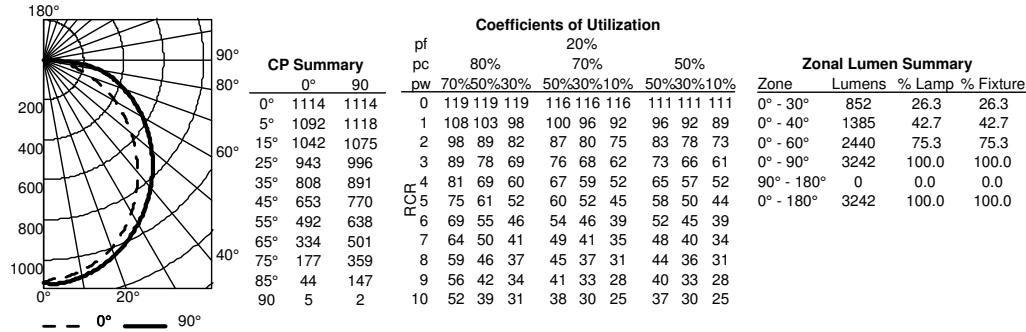
Constant Lumen Management

Enabled by the embedded nLight control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.

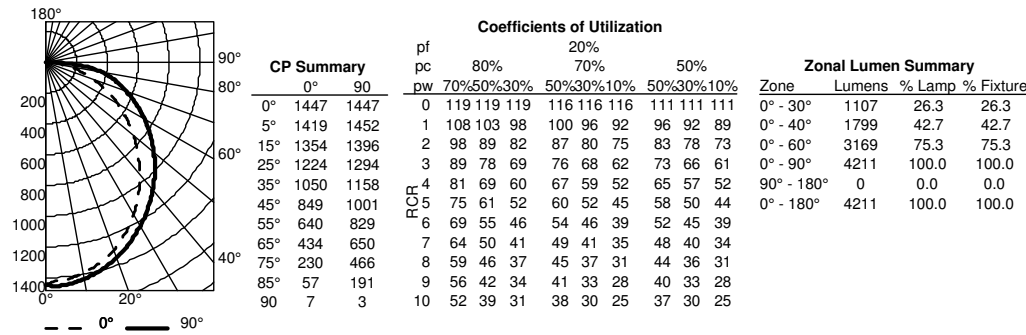


PHOTOMETRICS

2BLT2R 33L ADP LP835, 3241 delivered lumens

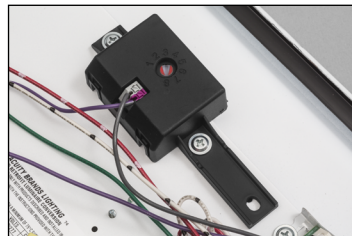


2BLT2R 40L ADP LP835, 4210 delivered lumens



FAO SETTINGS (Field Adjustable Output)

	0-10 Voltage Dimmer	% Lumen Output (approximate)	% Wattage (approximate)
Step 8	Full Output	100%	100%
Step 7	9.0 VDC	98%	100%
Step 6	8.0 VDC	88%	86%
Step 5	7.0 VDC	86%	82%
Step 4	6.0 VDC	82%	80%
Step 3	5.0 VDC	76%	75%
Step 2	4.0 VDC	71%	72%
Step 1	3.0 VDC	67%	71%



Simple adjustment of output through the use of a flat head screwdriver.

Performance Data			
Lumen Package	Lumens	Input Watts	LPW
20L ADP LP830	1981	16	127
20L ADP LP835	2051	16	132
20L ADP LP840	2084	16	134
20L ADP LP850	2143	16	138
33L ADP LP830	3237	26	125
33L ADP LP835	3351	26	130
33L ADP LP840	3404	26	132
33L ADP LP850	3502	26	135
40L ADP LP830	3900	31	125
40L ADP LP835	4038	31	130
40L ADP LP840	4102	31	132
40L ADP LP850	4220	31	136

HE Performance Data			
Lumen Package	Lumens	Input Watts	LPW
20LHE ADP LP830	2008	16	129
20LHE ADP LP835	2079	16	134
20LHE ADP LP840	2112	16	136
20LHE ADP LP850	2173	16	140
33LHE ADP LP830	3068	24	128
33LHE ADP LP835	3176	24	133
33LHE ADP LP840	3227	24	135
33LHE ADP LP850	3319	24	139
40LHE ADP LP830	3797	29	129
40LHE ADP LP835	3931	29	133
40LHE ADP LP840	3994	29	135
40LHE ADP LP850	4108	29	139
48LHE ADP LP830	4532	36	126
48LHE ADP LP835	4692	36	130
48LHE ADP LP840	4767	36	132
48LHE ADP LP850	4903	36	136

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — The OneUp™ recessed direct-wire LED downlights includes integrated junction box, trim, pre-installed non-metallic bushings and 3-port push wire quick connectors in one package. The OneUp is the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance.

CONSTRUCTION — Spun steel, round baffle trim. Integrated galvanized steel junction box with captive door for easy access. Suitable for daisy chaining (pulling wires). Available in 3000K color temperature LEDs.

OPTICS — Round baffle recesses optical system into the ceiling to prevent glare and provide a traditional look. Diffused lens provides even light distribution for general illumination, equivalent to 65W incandescent flood lamp. Wide flood beam angle at >90°. CRI >90. Maintains at least 70% light output for 50,000 hours.

INSTALLATION — Tool-less installation. Secure trim retention with two side-mounted spring clips for easy installation in plaster, sheet rock, or plywood ceilings. The integrated junction box - with pre-installed non-metallic bushing - allows non-metallic cable to be fed through without the hassle of knockouts. The captive junction box door provides easy access to pre-installed 3-port push wire quick connectors for straight-forward wiring. Rated for Type IC installations. Maximum of 4 No. 12AWG through branch circuit conductor suitable for 90°C permitted in box. Ground wire provided.

ELECTRICAL SYSTEM — LED module with high-efficiency on board driver. Dimming down to 10%. For compatible dimmers, refer to: Compatible dimmers chart.

Actual wattage may differ by +/-5% when operating at 120V +/-10%.

LISTINGS — ETL certified to US and Canadian safety standards. California T24 compliant. WSEC ASTEM E283 for Air-Tight rated with gasket or caulking between fixture trim and ceiling. ENERGY STAR® certified. Wet location listed*. Indoor damp location only for items in Brushed Nickel finish.

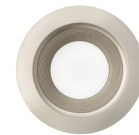
WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Direct-Wire LED Recessed Downlight

6JBK RD

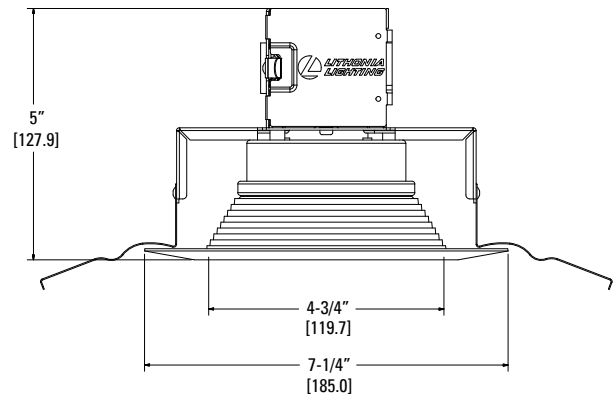
IC Remodel



Brushed nickel



Oil-rubbed bronze



Specifications

Aperture:	4-3/4" (119.7)
Overlap Trim:	7-1/4" (184.6)
Height:	5" (127.9)
Ceiling Opening:	6-1/2" (165)
Min Ceiling Thickness:	1/2" (12.7)
Max Ceiling Thickness:	1-1/2" (38.1)

All dimensions are inches (millimeters).

ORDERING INFORMATION

Ci Code	Catalog Number	Description
*250KK7	6JBK RD 27K 90CRI MW M6	Canless Kit 6" Baffle, Round, 2700K, 10.9W, 820L, 90 CRI, Matte white
*250KK9	6JBK RD 27K 90CRI BN M6	Canless Kit 6" Baffle, Round, 2700K, 10.9W, 820L, 90 CRI, Brushed Nickel
*250KK8	6JBK RD 27K 90CRI ORB M6	Canless Kit 6" Baffle, Round, 2700K, 10.9W, 820L, 90 CRI, Oil Rubbed Bronze
*259WVJ	6JBK RD 30K 90CRI MW M6	Canless Kit 6" Baffle, Round, 3000K, 10.9W, 850L, 90 CRI, Matte white
*261PPV	6JBK RD 30K 90CRI BN M6	Canless Kit 6" Baffle, Round, 3000K, 10.9W, 850L, 90 CRI, Brushed Nickel
*259WVL	6JBK RD 30K 90CRI ORB M6	Canless Kit 6" Baffle, Round, 3000K, 10.9W, 850L, 90 CRI, Oil Rubbed Bronze
*250KKA	6JBK RD 40K 90CRI MW M6	Canless Kit 6" Baffle, Round, 4000K, 10.9W, 870L, 90 CRI, Matte white
*250KKE	6JBK RD 40K 90CRI BN M6	Canless Kit 6" Baffle, Round, 4000K, 10.9W, 870L, 90 CRI, Brushed Nickel
*250KKC	6JBK RD 40K 90CRI ORB M6	Canless Kit 6" Baffle, Round, 4000K, 10.9W, 870L, 90 CRI, Oil Rubbed Bronze
*259WVM	6JBK RD 50K 90CRI MW M6	Canless Kit 6" Baffle, Round, 5000K, 10.9W, 880L, 90 CRI, Matte white

Accessories: Order as separate catalog number.

OUJBK643 U Universal Construction Pan



Universal Construction Pan

Notes

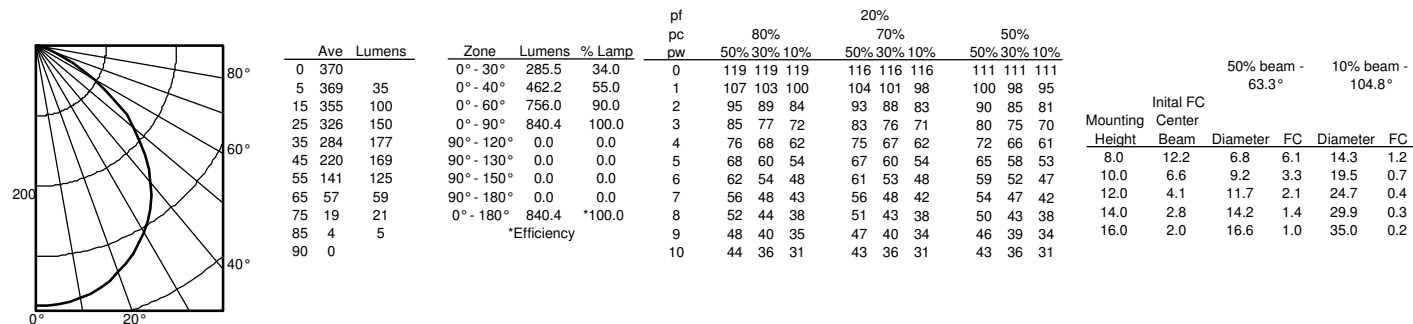
- Total System Delivered Lumens.
- Indoor damp location only for items in Brushed Nickel Finish.

6JBK RD OneUP™ Direct-Wire LED

PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
--------------------	-------------------	-------------	----------------------------	--

6JBK RD 30K, 3000 K LEDs, input watts: 10.9, delivered lumens: 841.1, LM/W=77.16, test no. ISF 35031



ENERGY DATA

6" ROUND ENERGY DATA				
Color Temperature	2700K	3000K	4000K	5000K
Lumens	820	850	870	880
CRI	90			
Lumens/Watt	75.23	77.98	79.82	80.73
Min. starting temperature	-18°C (-0°F)			
EMI/RFI	FCC Title 47 CFR, Part 15, Class B			
Sound rating	Class A Standards			
Input voltage	120V AC			
Min. power factor	0.9			
Input frequency	50/60HZ			
Rated wattage	10.9W			
Input power	10.9W			
Input current	0.09A			

DIMMER COMPATIBILITY

COMPATIBLE DIMMERS				
Lutron	Leviton	Pass & Seymour	Synergy/Leviton	Sensorswitch
DV-603P-LA	6633-PA	HCL453PTCCCV6	ISD 600 I 120 / IPI06	nSP5 PCD 2W
CT-603PR-WH	6615-P	LS 603 PWV	ISD 1000 I 120 / IPI10	nSP5 PCD ELV 120
DVELV-300P			ISD 400 ELV 120 / IPE04	
300P SELV				
DV-600P				
NTELV-300P				
NLV-600				
Caseta PD-6WCL dimmer (requires Lutron Smart Bridge)				
L-BDG2-WH which is sold separately from the dimmer)				

LIGHTING FACTS

Lithonia Lighting

Light Output (Lumens) 850
Watts 10.9
Lumens per Watt (Efficacy) 77.98

Color Accuracy 90
Color Rendering Index (CRI)

Light Color 3000 (Bright White)
Correlated Color Temperature (CCT)

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-7P06FK (7/20/2017)
 Model Number: 6JBK RD 30K 90CRI
 Type: Luminaire - Downlight

LED strip fixtures

Even, consistent light.
Low maintenance.
High efficiency.

Applications

- Bathrooms
- Closets
- Kitchen
- Work areas
- Hallways
- Retail

Features

- 4' Stand-alone model
- 1', 2', and 4' Connectable models (Includes male/male butt connector)
- Ceiling or wall mount
- Maintenance free—no bulb to change
- Consistent, even light distribution
- 120/277V, 50/60Hz
- 90 CRI
- Ultra-slim design
- Damp location
- 4000K
- Long Life—50,000 hours
- ENERGY STAR certified
- 5 Year warranty

Maximum number of units that can be connected:

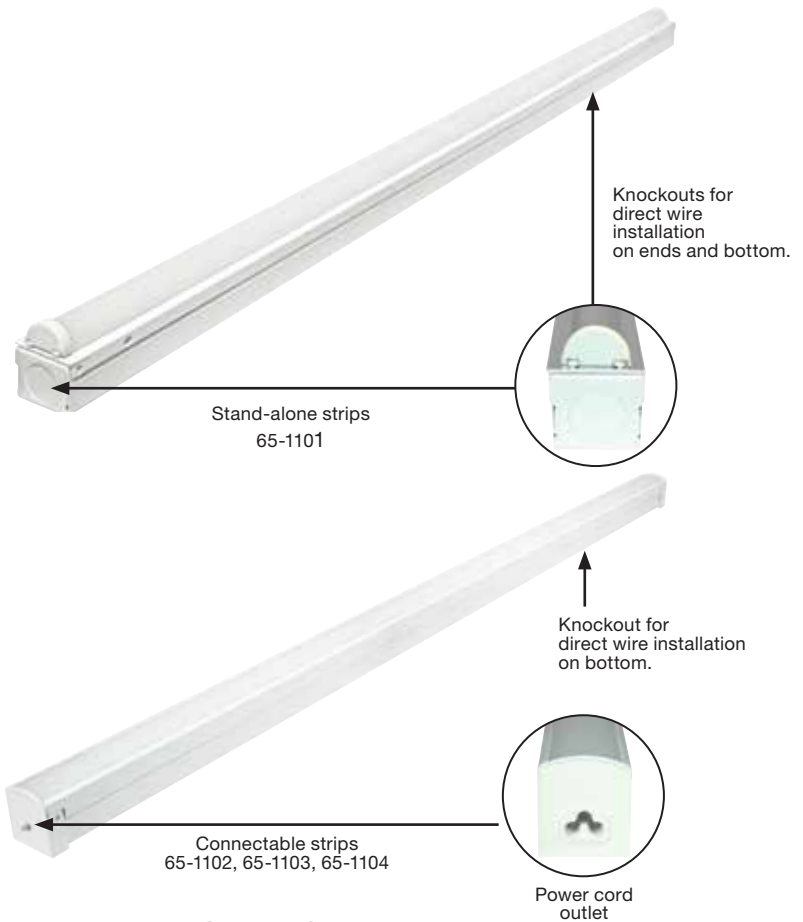
- 65-1102 - 27 units
- 65-1103 - 14 units
- 65-1104 - 9 units

LED Strip Fixtures

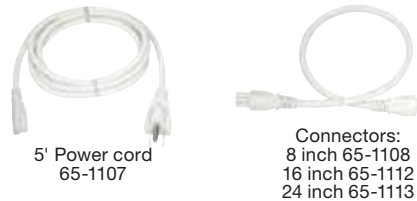
Item Number	Size	W	Input Voltage	CCT	Lm	CRI (RA)	PF	Location	Installation	Linkable or Non	Life/Hrs.	UPC	Pack
65-1101	4FT	24	100-277	4000K	1800	90	0.9	Damp	surface mounting on ceiling or wall	Non Linkable	50K	045923511011	12/1
65-1102	1FT	12	120V	4000K	840	90	0.9	Damp	surface mounting on ceiling or wall	Linkable	50K	045923511028	12/1
65-1103	2FT	24	120V	4000K	1680	90	0.9	Damp	surface mounting on ceiling or wall	Linkable	50K	045923511035	12/1
65-1104	4FT	36	120V	4000K	2600	90	0.9	Damp	surface mounting on ceiling or wall	Linkable	50K	045923511042	12/1

Accessories

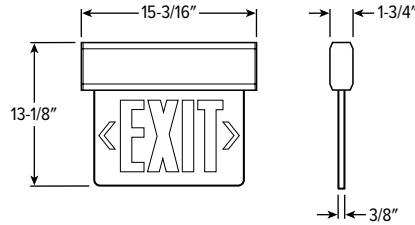
65-1107	5FT power cord
65-1108	8 inch male/male joiner
65-1112	16 inch male/male joiner
65-1113	24 inch male/male joiner



Accessories



Product sheet NU1356



CATALOG #: _____

Type: _____

PROJECT: _____

FEATURES

- New York City compliant 8" tall red letters
- Compact, low profile design
- UV-stabilized ultra-clear acrylic edgelit panel provides consistent, uniform illumination
- Available as full-time AC powered unit or emergency unit with battery backup
- EM unit provides 90 minutes of emergency operation
- Ultra-bright, energy-efficient, long-life LEDs
- Fully automatic solid-state two rate charger on EM unit recharges battery in 24 hours
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing
- Directional indicators can be installed on-site
- Self-diagnostic option performs monthly, biannual, and annual tests to ensure reliable operation and meets electrical and life safety codes

ORDERING EXAMPLE: EXIT/EL/NYC - SF - CP - AN - AC - OPTIONS - D

ORDERING INFO

SERIES	NUMBER OF FACES	FACEPLATE FINISH	HOUSING COLOR	POWER OPTIONS
EXIT/EL/NYC	SF Single face	CP Clear Panel ^[2]	BLK Black	AC AC operation
	DF Double face ^[1]	MP Mirror Panel	AN Anodized aluminum	EM AC operation with emergency battery backup
		WP White Panel	WHT Industry-standard white	

OPTIONS	VOLTAGE
PC2 Polycarbonate shield ^[3]	D 120V/227V
SDT Self-diagnostic test ^[4]	SV__ Special voltage ^[6]
WG/COMBO Wireguard ^[5]	

SPECIFICATIONS

- HOUSING – Premium-grade, extruded aluminum housing.
- ELECTRICAL – Dual 120/277 voltage standard. 4.8V long life, maintenance-free, rechargeable NiCd battery when specified with EM power option.
- MOUNTING – Aluminum mounting canopy for ceiling, side, or wall mount installation.
- LISTINGS –
 - UL 924 standard as an exit light suitable for dry or damp locations (0°C - +50°C).
 - Meets NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
 - Certified to CEC under Title 20 Regulations.
- WARRANTY – 5-year limited warranty.

NOTES

- ¹ MP and WP faceplate finish only.
- ² Single face only.
- ³ Wall mount only. Ships separately. See page 2 for OPTIONS DETAILS.
- ⁴ EM only.
- ⁵ Wall mount only. Ships separately. See page 2 for OPTIONS DETAILS.
- ⁶ Not available with SDT. UL Listed for 208/220/240 Volt, 50/60Hz.

EXIT/EL/NYC ^{LED} New York City-Approved Edge-Lit Exit Sign

OPTIONS DETAILS

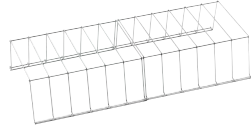
Ships separately.

PC2

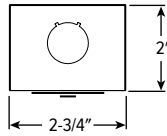


DIMENSIONS: 15" x 22" x 7-3/4"

WG/COMBO



DIMENSIONS: 13-3/4" x 30-5/8" x 6"



75 Shown

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Small fixture profile allows inconspicuous placement in coves or confined spaces
- Round and square lensed fixtures provide a clean look for architectural environments
- Row applications produce continuous light with minimal interruption between fixtures
- Diffuse acrylic lens on 75R and 75S enhances uniformity and minimizes glare
- Variety of mounting accessories for surface and suspended applications
- Special reflectors are available to provide precise light distribution (75 only)
- Maximize energy savings with efficacies as high as 171 lm/W
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – 22-gauge die-formed C.R.S.
- FINISH** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL** – High quality mid-power LED board. See fixture performance data for lumen maintenance. 25°C maximum ambient operating temperature. 40°C maximum ambient operating temperature with HA Option, lumen restrictions apply, consult Fixture Performance Data.
- MOUNTING** – Surface (ceiling or wall) or suspended (hanging hardware required).
- LISTINGS** –
 - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations
 - DesignLights Consortium Premium qualified product. Not all versions of this product may be DLC Premium qualified, see the DLC Qualified Products List at designlights.org/OPL
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.



ORDERING EXAMPLE: 75 - 4 - L85/835 - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	LENGTH ^[1]	LUMENS ^[2]	CRI	CCT	OPTIONS ^[3]	
75	2 2'	2'	8 80	27 2700K	EM/7WRM Remote mount 7-watt emergency battery	
75R	3 3'	L15 1,500lm	9 90 ^[8]	30 3000K	EM/10WLP Low-profile 10-watt emergency battery ^[9]	
75S	4 4'	L25 2,500lm			EM/10WRM Remote mount 10-watt emergency battery	
		L32 3,200lm				
		L42 4,200lm				
	8 8' ^[4]	L60 6,000lm ^[5]				
		3'				L40 4,000lm
		L64 6,400lm				
	4'	L30 3,000lm				
		L50 5,000lm				
		L65 6,500lm				
		L85 8,500lm				
		L100 10,000lm				
		L120 12,000lm ^[6]				
8'	L60 6,000lm					
	L100 10,000lm					
	L130 13,000lm					
	L170 17,000lm					
	L200 20,000lm					
		L240 24,000lm ^[7]			WG-75 11-gauge white powder coat wireguard	
					315 1-1/2" ceiling spacer	
					VBY (2) Y-hangers	
					VBY-2 (2) Y-hangers and (2) 2' chains	
					RA-75 Row aligner ^[11]	
					45AMB (2) 45° adjustable mounting brackets ^[12]	
					(L_) Additional lower lumen packages available. ^[13] Example: 7,000 nominal lumens = 75-4-L85/835-(L70)-DIM-UNV	
					HA High ambient operating temperature, 40°C ^[14]	
					OCCUPANCY SENSOR	
					OCCWS FSP-311-L2-120/277 Digital high/low passive infrared with L2 lens, end mount, 120V or 277V ^[15]	
					AIRCRAFT CABLES (EXAMPLE: ACF/D48) ^[16]	
					Prefix Type Length	
					ACF/ Feeder D 1" grid & hardpan 24 24"	
					ACJ/ Joiner N 9/16" grid 48 48"	
					S Slot grid 96 96"	

CONTROL ^[17]

DIM	Dimming driver	120 120V
DRV	Non-dimming driver	277 277V
VDO/DSR	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and sensor-ready driver	UNV 120-277V
VRF/DSR	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver	347 347V ^[18]

VOLTAGE

QUICKSHIP

4'	8'
75R-4-L50/835-QS-DIM-UNV	75R-8-L100/835-QS-DIM-UNV
75R-4-L50/840-QS-DIM-UNV	75R-8-L100/840-QS-DIM-UNV
75S-4-L50/835-QS-DIM-UNV	75S-8-L100/835-QS-DIM-UNV
75S-4-L50/840-QS-DIM-UNV	75S-8-L100/840-QS-DIM-UNV

NOTES

- For actual length, see page 4 for FIXTURE DETAILS
- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- See page 6 for FINISH OPTIONS. See page 5 for MOUNTING DETAILS. See page 6 for SPECIAL REFLECTORS.
- 75R and 75S ships with (2) 4' lenses.
- 75 only.
- 75 only.
- 75 only.
- Extended lead times may apply. Consult factory for availability.
- 4' and 8' only; Not available with 4' L120 and 8' L240 lumen packages.
- See page 5 for QUICK CONNECT OPTIONS.
- Required when row mounting with aircraft cables.
- Cord recommended, ordered separately. See page 5 for MOUNTING DETAILS. Field-adjustable up and down in 7-1/2" increments.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with 2' L60, 4' L120 and 8' L240 lumen packages. Lumen restrictions apply. See page 2 for FIXTURE PERFORMANCE DATA.
- See page 6 for OCCUPANCY SENSOR DETAILS.
- Units specified with aircraft cable require cord. See page 5 for MOUNTING DETAILS. Requires RA-75 row aligner. See page 5 for MOUNTING ACCESSORIES DETAILS.
- See page 4 for ADDITIONAL CONTROL OPTIONS.
- Not available with EM drivers.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	WATTAGE	75 (NO LENS)		75R & 75S		LUMEN MAINTENANCE				AMBIENT TEMPERATURE ¹	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	L70	L80	L85	L90	EM	NO EM
2'	L15	10.8	1592	147.5	1511	140.1	>72000	>72000	>72000	50,000	40	40
	L25	18.2	2602	142.7	2470	135.5	>72000	>72000	>72000	50,000	40	40
	L32	21.3	3092	145.5	2936	138.1	>72000	>72000	58,000	36,000	40	40
	L42	31.4	4344	138.5	4124	131.5	>72000	>72000	58,000	36,000	35	40
	L60	43.6	6052	138.9	—	—	>72,000	53,000	38,000	24,000	—	—
3'	L40	28.2	4092	145.2	3885	137.9	>72000	>72000	58,000	36,000	35	40
	L64	48.2	6593	136.9	6259	130.0	>72,000	53,000	38,000	24,000	30	35
	L30	19.7	3071	155.8	2916	147.9	>72000	>72000	>72000	50,000	40	40
4'	L50	33.0	5126	155.5	4867	147.6	>72000	>72000	>72000	50,000	40	40
	L65	42.3	6313	149.3	5994	141.7	>72000	>72000	58,000	36,000	40	40
	L85	56.2	8530	151.7	8098	144.0	>72,000	53,000	38,000	24,000	35	40
	L100	68.3	10154	148.8	9640	141.2	>72000	>72000	58,000	36,000	30	30
	L120	85.9	12105	141.0	—	—	>72,000	53,000	38,000	24,000	—	—
8'	L60	35.3	5814	164.9	5520	156.6	>72000	>72000	>72000	50,000	40	40
	L100	65.9	10078	152.9	9568	145.1	>72000	>72000	>72000	50,000	35	35
	L130	87.9	13011	148.1	12353	140.6	>72000	>72000	58,000	36,000	35	35
	L170	112.4	17060	151.7	16197	144.0	>72,000	53,000	38,000	24,000	35	35
	L200	136.5	20309	148.8	19281	141.2	>72000	>72000	58,000	36,000	30	30
	L240	171.7	24209	141.0	—	—	>72,000	53,000	38,000	24,000	—	—

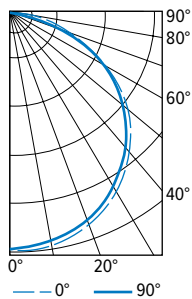
MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

- Maximum ambient operating temperature (°C) when specified with HA option.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Predicted lumen maintenance calculated from LED manufacturer IES LM-80 data and In situ temperature measurement.
- Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
- Use multiplier table to calculate additional options.

PHOTOMETRY

75-4-L85/835-DIM Total Luminaire Output: 8530 lumens; 56.2 Watts | Efficacy: 152 lm/W | 80 CRI; 3500K CCT



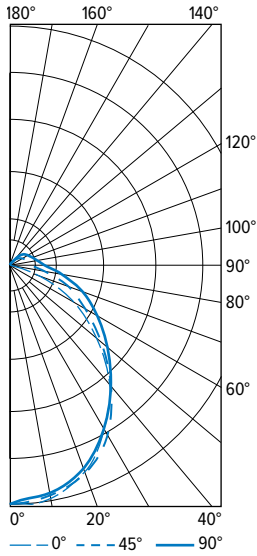
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2896	2896	2896	
5	2917	2887	2876	275
15	2837	2799	2791	792
25	2663	2624	2610	1213
35	2415	2366	2338	1484
45	2066	2006	1990	1552
55	1634	1580	1560	1415
65	1124	1069	1048	1070
75	581	543	531	582
85	104	116	101	144
90	9	14	9	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2279	27
	0 - 40	3763	44
	0 - 60	6730	79
	0 - 90	8527	100
	0 - 180	8530	100



75 LED Narrow Strip

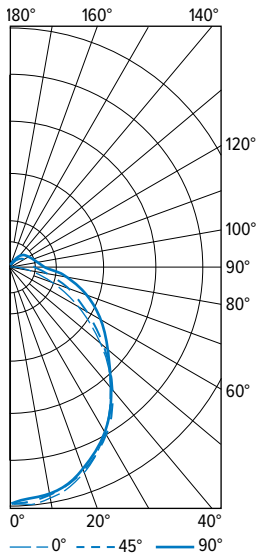
75R-4-L85/835 Total Luminaire Output: 8098 lumens; 56.2 Watts | Efficacy: 144 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2594	2594	2594	
5	2622	2585	2553	246
15	2503	2497	2480	703
25	2256	2306	2324	1059
35	1915	2042	2111	1264
45	1481	1673	1824	1281
55	1003	1296	1488	1135
65	620	942	1117	891
75	267	630	775	613
85	63	401	501	378
90	9	311	407	
95	1	249	329	225
105	0	150	219	136
115	0	94	149	83
125	0	53	102	47
135	0	28	63	24
145	0	12	35	10
155	0	6	16	3
165	0	0	4	0
175	0	0	0	0
180	0	0	0	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	2008	25
	0 - 40	3272	40
	0 - 60	5688	70
	0 - 90	7570	94
	90 - 120	443	6
	90 - 150	524	7
	90 - 180	527	7
	0 - 180	8098	100

75S-4-L85/835 Total Luminaire Output: 8098 lumens; 56.2 Watts | Efficacy: 144 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2732	2732	2732	
5	2756	2720	2682	258
15	2633	2611	2579	734
25	2351	2362	2323	1083
35	1969	2010	1965	1247
45	1516	1554	1583	1209
55	1053	1160	1291	1051
65	618	840	1022	826
75	270	542	745	563
85	47	323	491	332
90	0	246	390	
95	0	230	344	223
105	0	200	291	185
115	0	171	256	149
125	0	139	216	110
135	0	96	166	71
145	0	58	113	38
155	0	36	63	16
165	0	17	31	4
175	0	0	0	0
180	0	0	0	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	2075	26
	0 - 40	3321	41
	0 - 60	5581	69
	0 - 90	7301	90
	90 - 120	557	7
	90 - 150	777	10
	90 - 180	797	10
	0 - 180	8098	100

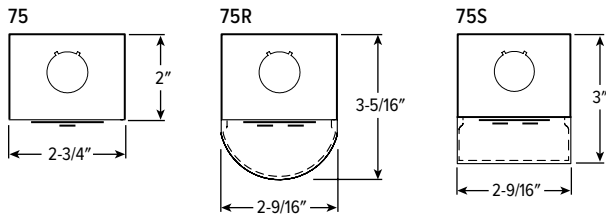


ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

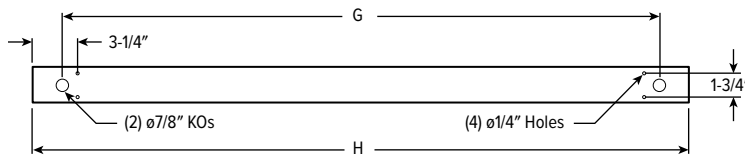
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
DSR	Sensor-ready driver
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
VDO/DSR	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and sensor-ready driver
VRF/DSR	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver
VDO/DBI/LDE1	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), Lutron Hi-lume 1% EcoSystem dimming LED driver, and digital link interface
VRF/DBI/LDE1	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), Lutron Hi-lume 1% EcoSystem dimming LED driver, and digital link interface
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

CROSS SECTIONS



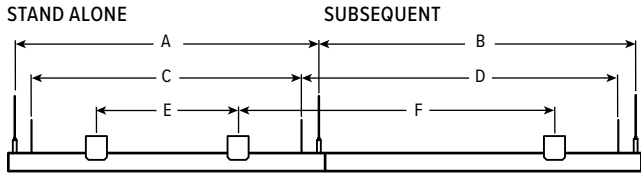
FIXTURE DETAILS

BACKVIEW



	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
3'	29-1/2"	33-9/16"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

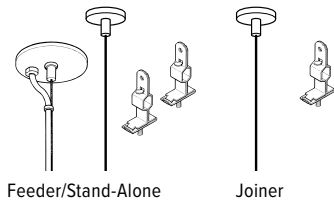
MOUNTING DETAILS



MOUNTING LENGTH

	AIRCRAFT CABLE		VBY HANGER		315 SPACER	
	A	B	C	D	E	F
2'	21-1/2"	22-1/2"	19"	22-1/2"	10"	22-1/2"
3'	32-1/2"	33-9/16"	30-1/16"	33-9/16"	21"	33-9/16"
4'	43-5/8"	44-5/8"	41-1/4"	44-5/8"	32"	44-5/8"
8'	88-3/16"	89-1/4"	85"	89-1/4"	77"	89-1/4"

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

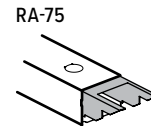
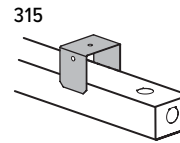
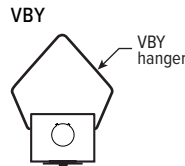
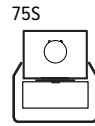
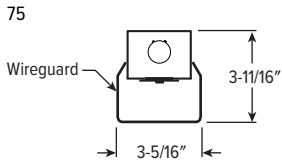
CORD FOR SUSPENDED PRODUCT

Units specified with aircraft cable require cord. Please specify cord type using ordering information below.

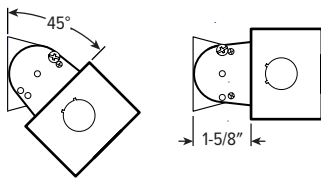
EXAMPLE: S2438/W					
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR	
S	24 24"	3	8	/W White	
	48 48"	4		/B Black	
	96 96"	5			

MOUNTING ACCESSORIES DETAILS

WG-75



45AMB



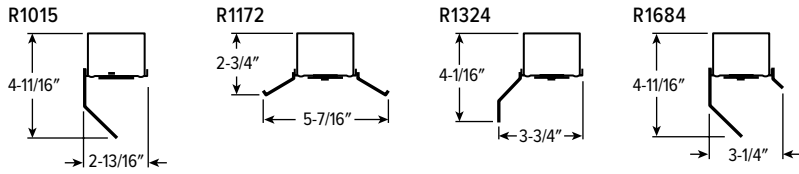
QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Length restrictions may apply, consult product builder at hew.com/product-builder.

DESIGNATION	NUMBER OF WIRES (EXCLUDING GROUND)	WIRE COLORS	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
C2B	3	White, Black, Red	White, Black	Alternating Circuits
C2BR	3	White, Black, Red	White, Black, Red	ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE) when equipped w/EM Power Supply (EM/10W)
C2R	3	White, Black, Red	White, Red	Alternating Circuits
C2BW/RV	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)

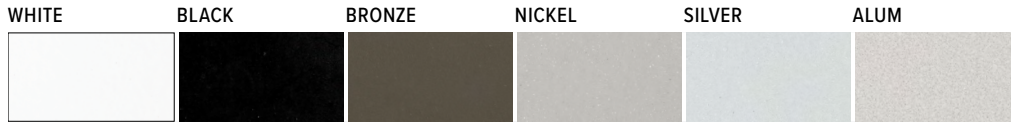


SPECIAL REFLECTORS



Reflectors are ordered separately, only available with 75, cannot be used with wireguard accessories.
Example: R1172-4-75LED REFL

FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

OCCUPANCY SENSOR DETAILS

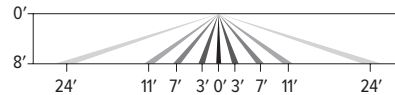
ORDERING EXAMPLE: OCCWS FSP-311-L2-120/277

FEATURES

- Fully adjustable high and low dimmed light levels.
- Designed for LED fixtures; rated for up to 200,000 on/off cycles.
- Hold-off setpoint with automatic calibration option for convenience and added energy savings.
- Adjustable via sensor configuration app.
- Adjustable time delay and cutoff delay.
- Factory set to 10% dimming at 5 minutes, cutoff at 1 hour.

LENS COVERAGE PATTERNS

L2 Coverage at 8' mounting height: ø48'



SENSOR CONFIGURATION APP

Initial setup and subsequent sensor adjustments are made using the iOS or Android Sensor Configuration App. This app enables adjustment of parameters including high and low modes, sensitivity, time delay, cut off and more. The smartphone app is also used to initiate automatic calibration of the FSP-3x1B ambient light level setpoint. The setpoint is used to hold the controlled lighting off or at low level when there is sufficient daylight. The wireless tool stores an unlimited number of sensor parameter profiles to speed configuration of multiple sensors.

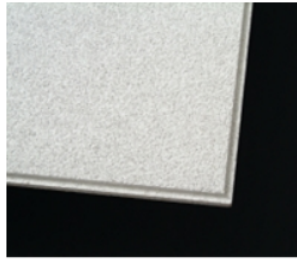
Visit www.wattstopper.com for more information.

Cirrus Open Plan - Item #558

[Back to product line](#)



- MINERAL FIBER**
- Cirrus
- Dune
- Fine Fissured
- Health Zone Ultima
- Mesa
- School Zone Fine Fissured
- Ultima
- Ultima with AirGuard Coating
- FIBERGLASS**
- Capz
- Optima
- TechZone
- BIOACOUSTIC**
- Tierra



Item # 558

RESOURCES

DOWNLOADS:

- Revit/BIM
- CAD Drawings
- Data Page
- Installation Instructions
- MSDS
- Warranty

TOOLS:

- Calculate Download Content Value

RECYCLED CONTENT +

LEED CREDITS +

View all Mineral Fiber, Fiberglass, BioAcoustic

OFFLINE

[Email a TechLine Expert](#)

Call 1-877-ARMSTRONG

VISUAL SELECTION	
Dimensions:	24 x 24 x 7/8 IN
Grid Face:	9/16 IN
Edge Profile:	Beveled Tegalur Download dwg format
Available Colors:	<input type="radio"/> White

PERFORMANCE SELECTION	
Acoustics NRC:	0.75
Acoustics CAC:	35
Acoustics AC:	170
Fire Resist/ Flame spread:	Class A (UL)
Light Reflect:	0.85
Humidity Resistance:	HumiGuard Plus
Anti-microbial:	BioBlock+

PHYSICAL DATA	
Material:	Mineral Fiber, Wet-formed
Texture:	Fine
Pattern:	No Pattern
Surface Finish:	Factory applied latex paint
Weight:	1.40 (lbs/sqft)
Sqft (Sqft/Carton):	40.0
ASTM Classification:	Type: III, Form: 1, Pattern: EIC
Insulation Value:	R Factor-BTU: 2.3 BTU, R Factor-Watts: 0.40 WAT
Hardware Friendly (Y/N):	N
Warranty:	30 Year Guarantee Against Visible Sag Against Mold/Mildew & Bacteria

Color Selection - WH - White

Main Beams - 7500

Cross Tees - XL7520 and XL7540

Wall Molding - 7804

RECOMMENDED GRID SYSTEMS

Silhouette XL 9/16" Bolt Slot - 1/4" Reveal	Trimlok 9/16" Screw-Slot	Silhouette XL 9/16" Bolt Slot - 1/8" Reveal	Sonata 9/16" Dimensional Tee
Supra fine XL 9/16" Exposed Tee	Interlude XL 9/16" Dimensional Tee	Supra fine ML 9/16" Exposed Tee	

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Model **PG-22-MRI**
PARAGON DIFFUSER
 1/8" PLAQUE DROP
 SUPPLY / RETURN
 NOMINAL 24 X 24

DIFFUSERS

PRODUCT FEATURES

- Unit manufactured entirely of aluminum materials
- Non-Removable inner plaque assembly
- Optional aluminum blankoff baffles, field installed

CONSTRUCTION DETAILS

- Material: Aluminum
 Finish: White (std)
 Custom Colors (opt)

MODELS

- PGD-22-MRI** 9/16" Narrow Slot
 PGL-22-MRI Lay-In T-Bar
 PGF-22-MRI Surface Mount

AVAILABLE INLET SIZES
40
50
60
80
100
120
140
150

← **REFERENCE DRAWING FOR INLET SIZE**

