

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring low-profile, attractive emergency lighting with Optional normally-off or normally-on with photocell control. Provides a minimum of 90 minutes of illumination both indoors and outdoors upon loss of AC power. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

CONSTRUCTION — Compact, low-profile, architectural design with die-cast aluminum housing. Finishes are texturized powder coat paint for dark bronze, white, black and non-texturized for natural aluminum. Test switch indicator light and remote enabled are located on the bottom of the housing and are easily accessible and visible from the floor.

OPTICS — LEDs with L70 of 55,000 hours. Delivers 635 lumens in Normal-On and Emergency operation. Optional field configurable for wide and forward throw distribution (**US Patent Pending**). Outdoor wide throw distribution: 70' (3' path of egress) at a 7.5' mounting height with 1 FC Average. 4,000K correlated color temperature (CCT).

70 CRI.

ELECTRICAL — UVOLT (120 thru 347V, 50/60hz). Current-limiting charger maximizes battery life and minimizes energy consumption to provide low operating costs. Small battery chargers Certified in the CA Title 20 Appliance Efficiency Database

Short-circuit protection — current-limiting charger circuitry protects printed circuit board from shorts. Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages.

Prevents over/undercharging that shortens battery life and reduces capacity. Filtered charger input minimizes charge voltage ripple and extends battery life.

Photocell option (PEL) for normally on product in order to discontinue illumination during periods when ambient light is present. Photocell option (PEL) for normally on products allow the user to force lamp illumination by user control (external switch). When power is not connected to switched line, illumination will respond to internal daylight sensor. For switched line applications, no other types of products shall be connected on the switched leg.

Remote units (OELR) are normally off. Emergency only functionality with DC power from an external battery.

BATTERY: Sealed, maintenance-free Lithium Iron Phosphate battery.

SELF-DIAGNOSTICS AND REMOTE TEST (SDRT OPTION): Automatic 24-hour recharge after a 90-minute discharge. Advanced electrical design provides constant light output throughout the entire discharge period for non-CW batteries. (For cold weather and cold temperature applications, the light may diminish though the discharge cycle). Brownout protection is automatically switched to emergency mode when supply voltage drops below approximately 80 percent nominal of 120, 220, 277 or 347. Other input voltages may vary. AC/LVD re-set allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Self-Diagnostics: Continuously monitors AC functionality. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-chromatic LED indicator to display two-state charging, test activation and three-state self-diagnostics.

Self-diagnostic testing: Five minutes every 30 days and 90 minutes annually. Diagnostic evaluation of lamps, AC to DC transfer, battery charging and condition of microprocessor. Automatic test is easily postponed for eight hours by activating manual test switch or use of remote tester (RTKIT accessory).

Manual testing: Test switch and remote tester (RTKIT accessory) provides manual activation of 60-second diagnostic testing for on-demand visual inspection. 90 minute manual testing can be enabled by pressing the test switch again while in test mode.

INSTALLATION — Wall mount: typically meets 7.5' to 14' mounting height from ground or floor. Power supplied by either mounting directly to a 4" square or 4" octagon j-box (wall mount) and accepts rigid or flex conduit.

LISTINGS — UL wet location listed standard at 32-122°F (0-50°C). Unit with CW battery (cold weather) listed for -22°F to 122°F (-30° to 50°C). Remote listed for -40°F to 122°F (-40° to 50°C). Meets or exceeds all applicable requirements for UL 924, NFPA 101 (current Life Safety code), NFPA 70 (NEC), NOM (Norma Oficial Mexicana), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA. List and labeled to comply with Canadian Standards C22.2 No. 141-10. Meets City of Chicago Code.

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/customer-support/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.

† Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database.

Catalog Number
Notes
Type

AFFINITY® Premium Die-Cast Architectural Emergency Light

AFF



without photocell (white)



without photocell
(natural aluminum)



with photocell (white)



with photocell
(dark bronze)

MOUNTING

All dimensions are inches (centimeters).

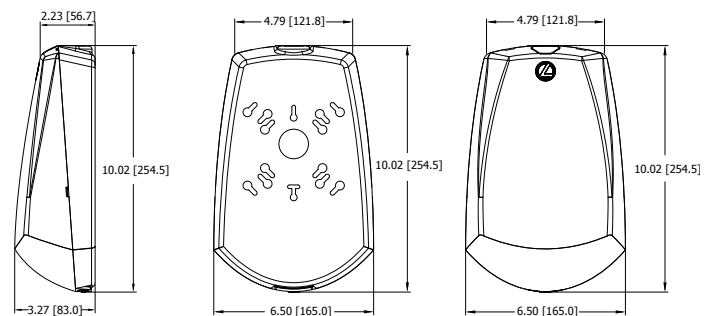
Shipping weight: 3.5 lbs. (1.59 kgs.)

Length: 6 1/2 (16.51)

Depth: 3 27/100 (8.30)

Height: 10 (25.45)

Weight: 3.5 lbs (1.59 kg)



AFF Affinity® Premium Die-Cast Architectural Emergency Light

SELF-POWERED MODELS

ORDERING INFORMATION

For the shortest lead times, configure product using **bolded options**.

Example: AFF PEL DWHGXD UVOLT LTP SDRT WT

Series	Unit Type ¹	Housing Color	Voltage	Battery Type	Automatic Testing	Optics	Options
AFF AFFINITY Premium	PEL Photocell; Normally-ON with internal battery OEL Normally-OFF with internal battery	DWHGXD White textured DBLBXD Black textured DNAXD Natural aluminum DDBTXD Dark bronze textured	UVOLT 120-347VAC, 50/60Hz	LTP Lithium Iron Phosphate	SDRT Self-diagnostics remote test	WT Wide Throw FCT Field configurable throw ²	CW Cold Weather (-30 - 50C) BAA BAA Buy America(n) Act Compliant

Notes

¹ AFF with internal battery is not remote capable.

REMOTE MODELS listed for -40°F to 122°F (-40° to 50°C)

ORDERING INFORMATION

For the shortest lead times, configure product using **bolded options**.

Example: AFF OELR DWHGXD WT

Series	Unit Type	Housing Color	Voltage	Optics	Options
AFF AFFINITY Premium	OELR Remote fixture, Normally OFF (requires external battery source)	DWHGXD White textured DBLBXD Black textured DNAXD Natural aluminum DDBTXD Dark bronze textured	(blank) Universal DC voltage (8-30VDC)	WT Wide Throw FCT Field configurable throw ¹	BAA BAA Buy America(n) Act Compliant

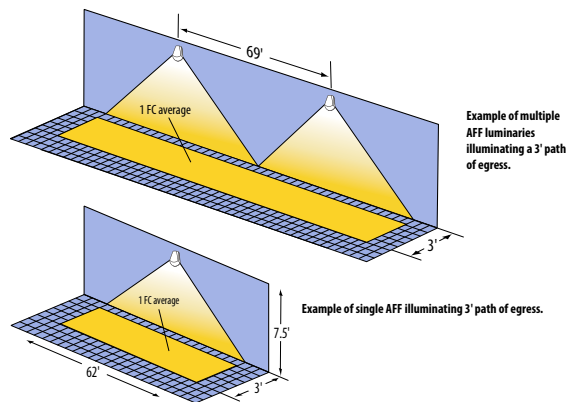
Notes

¹ FCT optics ships standard in the WT (wide throw) mode. Upon installation, configuration can be changed to the FCT mode.

Accessories: Order as separate catalog number.

RTKIT Remote test kit, up to 40' away (includes goggles, laser and battery)

AFF SPACING GUIDELINES

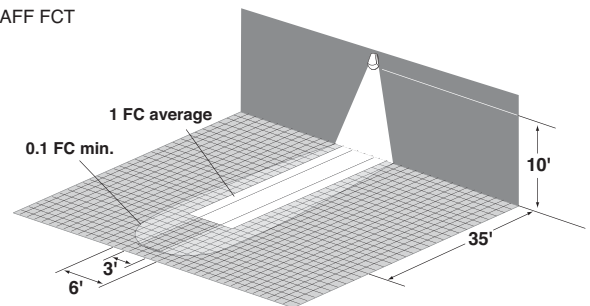


Maximum Spacing Guidelines - AFF (WT)

Mounting Height	Illumination Level	Single Luminaire		Multiple Luminaire		Application Notes *
		3' Path of Egress	6' Path of Egress	3' Path of Egress	6' Path of Egress	
7.5'	1FC Avg	62'	46'	69'	53'	200' Open Space 80/50/20 reflectances
10'		48'	34'	55'	46'	
12'		28'	22'	46'	41'	
14'		6'	N/A	38'	36'	

* Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.

AFF FCT



Maximum Spacing Guidelines - AFF (FCT)

Mounting Height	Illumination Level	Single Luminaire		Application Notes *
		3' Path of Egress	6' Path of Egress	
7.5'	1FC Avg	24'	23'	200' Open Space 80/50/20 reflectances
10'		35'	35'	
12'		37'	31'	
14'		31'	N/A	

* Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.

SPECIFICATIONS

Electrical: Primary Circuit

Unit Type	Battery Type	Input Voltage(V)	Input Current(A)	Watts(W)
PEL WT	LTP	120-347	0.053-0.086	11.28
	LTP CW	120-347	0.089-0.167	20.39
PEL FCT	LTP	120-347	0.053-0.086	11.28
	LTP CW	120-347	0.089-0.167	20.39
OEL WT	LTP	120-347	0.025-0.032	2.50
	LTP CW	120-347	0.075-0.097	11.60
OEL FCT	LTP	120-347	0.025-0.032	2.50
	LTP CW	120-347	0.075-0.097	11.60
OELR WT	N/A	8-30	0.248 - 1.225	8.57*
OELR FCT	N/A	8-30	0.254 - 1.168	8.22*

*OELR watts data is in addition to the lamp heads on the product

BATTERY

Lithium Iron Phosphate					
Type	Voltage	Typical Shelf Life ¹	Typical Life ¹	Maintenance ²	Temperature range ^{3,4}
STD	12.8V	1 year	7-9 years	none	32 - 122°F (0 - 50°C)
CW	12.8V	1 year	7-9 years	none	-22 - 122°F (-30 - 50°C)

Notes

- 1 At 77°F (25°C).
- 2 Battery life is negatively impacted by many variables including temperature, charging rates, number of cycles and deep discharges due to long periods of time without AC power.
- 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.
- 4 Ambient temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. See option packages for expanded temperature ranges.



WDGE2 LED

Architectural Wall Sconce

Precision Refractive Optic



Catalog
Number

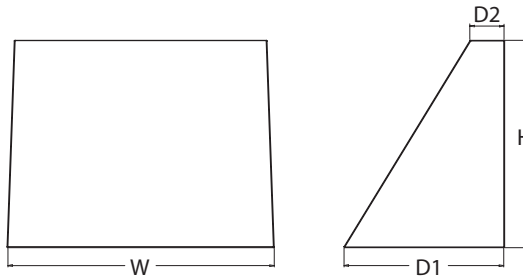
Notes

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Specifications

Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs
 (without options)



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0 ¹	27K 2700K	70CRI ⁴	T1S Type I Short	MVOLT	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁶ Shipped separately AWS 3/8inch Architectural wall spacer PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.
	P1 ²	30K 3000K	80CRI LW ³ Limited Wavelength	T2M Type II Medium	347 ⁵	
	P2 ²	40K 4000K		T3M Type III Medium	480 ⁵	
	P3 ²	50K 5000K		T4M Type IV Medium		
	P4 ²	AMB ³ Amber		TFTM Forward Throw Medium		

Options			Finish	
E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)	Standalone Sensors/Controls PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation. PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation. Networked Sensors/Controls NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights. NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights. See page 4 for out of box functionality	DDBXD	Dark bronze
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)		DBLXD	Black
PE ⁷	Photocell, Button Type		DNAXD	Natural aluminum
DMG ⁸	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)		DWHXD	White
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.		DSSXD	Sandstone
			DDBTXD	Textured dark bronze
		DBLBXD	Textured black	
		DNATXD	Textured natural aluminum	
		DWHGXD	Textured white	
		DSSTXD	Textured sandstone	



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WDGE2 LED
 Rev. 08/31/21

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD WEDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE2P8BW DDBXD U WEDGE2 surface-mounted back box (specify finish)

NOTES

- 1 PO option not available with sensors/controls.
- 2 P1-P4 not available with AMB and LW.
- 3 AMB and LW always go together.
- 4 70CRI only available with T3M and T4M.
- 5 347V and 480V not available with E10WH or E20WC.
- 6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
- 7 PE not available in 480V or with sensors/controls.
- 8 DMG option not available with sensors/controls.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					

Performance Package	System Watts	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T3M	737	107	0	0	0	763	111	0	0	0	822	119	0	0	0	832	121	0	0	1
		T4M	721	105	0	0	0	746	108	0	0	0	804	117	0	0	1	814	118	0	0	1
P1	11W	T3M	1,280	115	0	0	1	1,325	119	0	0	1	1,427	128	1	0	1	1,445	129	1	0	1
		T4M	1,253	112	0	0	1	1,297	116	0	0	1	1,397	125	0	0	1	1,415	127	0	0	1
P2	19W	T3M	2,087	110	1	0	1	2,160	114	1	0	1	2,327	123	1	0	1	2,357	124	1	0	1
		T4M	2,042	108	1	0	1	2,114	111	1	0	1	2,278	120	1	0	1	2,306	121	1	0	1
P3	32W	T3M	3,254	101	1	0	1	3,369	105	1	0	1	3,629	113	1	0	1	3,675	114	1	0	1
		T4M	3,185	99	1	0	1	3,297	103	1	0	1	3,552	111	1	0	1	3,597	112	1	0	1
P4	47W	T3M	4,319	93	1	0	1	4,471	96	1	0	1	4,817	103	1	0	2	4,878	105	1	0	2
		T4M	4,227	91	1	0	1	4,376	94	1	0	2	4,714	101	1	0	2	4,774	102	1	0	2



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WDGE2 LED
Rev. 08/31/21

Electrical Load

Performance Package	System Watts	Current (A)					
		120Vac	208Vac	240Vac	277Vac	347Vac	480Vac
P0	7.0	0.061	0.042	0.04	0.039	--	--
	9.0	--	--	--	--	0.031	0.021
P1	11.0	0.100	0.064	0.059	0.054	--	--
	14.1	--	--	--	--	0.046	0.031
P2	19.0	0.168	0.106	0.095	0.083	--	--
	22.8	--	--	--	--	0.067	0.050
P3	32.0	0.284	0.163	0.144	0.131	--	--
	37.1	--	--	--	--	0.107	0.079
P4	47.0	0.412	0.234	0.207	0.185	--	--
	53.5	--	--	--	--	0.153	0.112

Lumen Output in Emergency Mode (4000K, 80 CRI, T3M)

Option	Lumens
E10WH	1,358
E20WC	2,230

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

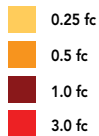
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.87

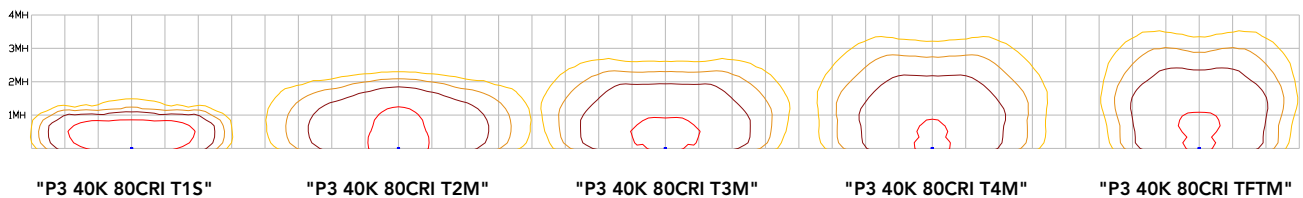
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 10ft
Grid = 10ft x 10ft



Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



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WDGE2 LED
Rev. 08/31/21

Motion/Ambient Sensor (PIR, PIRH)

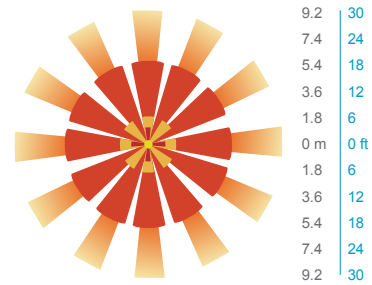
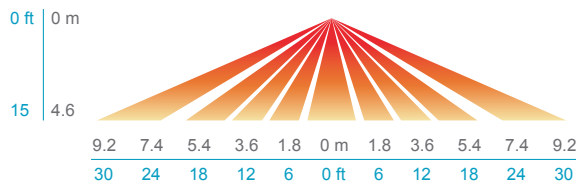
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

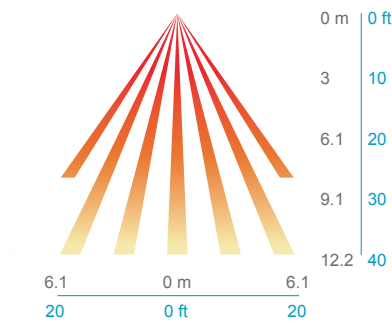
PIR

HIGH VIEW

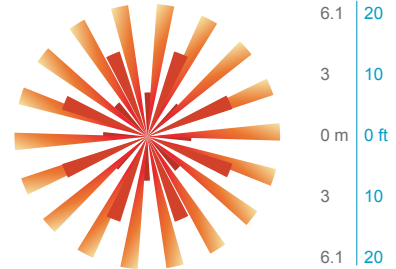


PIRH

SIDE VIEW



TOP VIEW



Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec



Motion/Ambient Sensor

D = 7"
H = 9" (Standalone controls)
11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)
W = 11.5"



PBBW – Surface-Mounted Back Box Use when there is no junction box available.

D = 1.75"
H = 9"
W = 11.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"
H = 4.4"
W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

BUY AMERICAN

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FARS, DFARS and DOT. Please refer to www.acuitybrands.com/resources/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.



General Illumination Pendant Stem Cylinder

4"

Feature Set

- Batwing distribution with feathered edges provides even illumination on horizontal and vertical surfaces
- Bounding Ray™ optical design
- 45° cutoff to source and source image
- Fully serviceable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Fixtures are damp location standard; wet location option (WL)
- 20 standard colors in textured and gloss finish; custom or RAL colors also available
- Field cuttable 1/2" stems with concealed couplers.
- Multiple recessed or surface j-box mounting configurations available
- ENERGY STAR® Certified product

Distribution



Superior Performance

Nominal Lumens	250	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000
Delivered Lumens	271	573	808	1001	1527	1994	2580	3110	3612	4120	4584	5045
Wattage	3.1	7.2	7.9	8.8	13.7	19.5	25.7	31.2	38.4	35.4	40.1	44.7
Lumens per Watt	87.4	79.6	102.3	113.8	111.5	102.3	100.4	99.7	94.1	116	114	113



Coordinated Apertures | Multiple Layers of Light



General Illumination Layer | EVO



High Center Beam Layer | Incito



EVO + Incito — Multiple Layers of Light

Core



Downlight



Adjustable



Open Wallwash



Lensed Wallwash



Cylinder



Pinhole



Bevel



Hyperbolic

Healthcare



MRI



Surgical Suite



Patient Room

Special Applications



Dynamic



Food Service



Vandal/Tamper



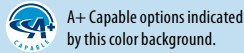
Clean Room



Shower



Steam Room



Luminaire Type:

Catalog Number:

EXAMPLE: EV04PC 35/15 AR MWD LSS MVOLT EZ1 JBXCC PCAN S12 DWHG

Series		Color Temperature		Lumens		Reflector Color		Distribution		Reflector Finish		Voltage	
EV04PC	EVO 4in Pendent Stem Round Cylinder Open Downlight	27/	2700 K	02	250 lumens	AR	Clear	MD	Medium (0.9 s/mh)	LSS	Semi-specular	MVOLT	120V - 277V
		30/	3000 K	05	500 lumens	PR	Pewter	MWD	Medium wide (1.0 s/mh)	LD	Matte diffuse	120	120V
		35/	3500 K	07	750 lumens	WTR	Wheat			LS	Specular	277	277V
		40/	4000 K	10	1000 lumens	GR	Gold	WD	Wide (1.2 s/ mh)			347 ²	347V
		50/	5000 K	15	1500 lumens	WR ¹	White painted						
		20	2000 lumens	BR ¹	Black								
		25	2500 lumens	WRAMF ¹	White Anti-mi- crobial								
		30	3000 lumens	BZR ¹ Dark Bronze painted									
		35	3500 lumens										
		40	4000 lumens										
		45	4500 lumens										
		50	5000 lumens										

Driver ³	Mounting	Canopy Type	Stem Length ⁹
GZ10 0-10V driver dims to 10%	JBX Integral driver, Recessed or Surface J-Box	PCAN 5° Stem canopy with "hang straight" swivel	S2 2 foot 1/2" stem
GZ1 0-10V driver dims to 1%			S4 4 foot 1/2" stem
EZ10 eldoLED 0-10V ECOdrive. Linear dimming to 10% min.			S6 6 foot 1/2" stem
EZ1 eldoLED 0-10V ECOdrive. Linear dimming to 1% min.			S8 8 foot 1/2" stem
EZB eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%.			S10 10 foot 1/2" stem
EDAB ⁴ eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.			S12 12 foot 1/2" stem
EDXB ^{4,5,6} eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Min: 1000LM; Max: 4000LM.			
ECOS2 ⁴ Lutron® Hi-Lume® 2-wire forward-phase driver. 120V Only. Minimum dimming level 1%. Min: 1000LM; Max: 2500LM.			
ECOD ⁴ Lutron® EcoSystem® digital Hi-Lume 1% soft-on, fade to black. Max: 4000LM.			
ELV ⁴ Electronic line voltage (120V only)			
	JBXCC Integral driver, Surface J-Box with Conduit Covers	PCAN45 ⁸ 45° Stem canopy with "hang straight" swivel	
	SGB ⁷ Surface Gear Box, Recessed Or Surface J-Box		
	SGBCC ⁷ Surface Gear Box, Surface J-Box With Conduit Covers		
	RGH Recessed Gear Housing		

Control Interface ¹⁰		Options		Architectural Colors - Powder Paint ¹⁴			
(blank)	No controls	SF	Single fuse. Specify 120V or 277V.	DDB	Gloss Dark Bronze	DDBT	Textured Dark Bronze
NLT	nLight® dimming pack. Specify 120V or 277V	90CRI	High CRI (90+)	DBL	Matte Black	DBLB	Textured Black
NLTER ¹¹	nLight® dimming pack for fixtures on emergency circuit. Specify 120V or 277V	N80	nLight Lumen Compensation	DWH	Gloss White	DWHG	Textured White
		HAO ¹²	HAO High Ambient Option (40°C)	DMB	Matte Medium Bronze	DBNH	Textured Bronze
		WL ¹³	Wet Location	DNA	Gloss Natural Aluminum	DNAT	Textured Natural Aluminum
NLTAIR2	nLight® AIR dimming pack. Specify 120V or 277V	E10WCPR	Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch (requires RGH)	DSS	Gloss Sandstone	DSST	Textured Sandstone
		CP ¹⁵	Chicago Plenum. Specify 120V or 277V (requires RGH)	DGC	Gloss Charcoal Grey	DSPD	Textured Dark Grey
NLTAIRER2 ¹¹	nLight® AIR dimming pack for fixtures on emergency circuit. Specify 120V or 277V	6TD	IOTA Generator Transfer Device. Specify 120V or 277V (requires RGH)	DTG	Gloss Tennis Green	DSPE	Textured Green
				DBR	Gloss Bright Red	DSPH	Textured Light Red
				DSB	Gloss Steel Blue	DWHAMF	Gloss White with Anti-microbial finish

ACCESSORIES — order as separate catalog numbers (shipped separately)

GCOLORS KIT	Architectural colors chip kit, consisting of powder-coat and plated finishes
CYLJBXADPT 4SQ2OCT	4in Square J-box to 4in Octagonal J-box adaptor. Replace ___ with Architectural Color or PRM for primed ready for field painting
CYLSTBL KIT	Stabilization Kit for securing pendant stem fixtures

ORDERING NOTES

1. Not Available with Finishes.
2. Factory supplied step down transformer must be remote mounted. Access required to location of remote mounted device.
3. Refer to [Tech 240](#) for compatible dimmers.
4. Not Available with Control Interfaces.
5. Requires SGB, or SGBCC mounting option.
6. Includes terminator resistor.
7. Only available with DMX driver (EDXB).
8. Not available with SGB or SGBCC: those mountings require a flat ceiling.
9. Stem section adjacent to cylinder can be cut in field to achieve non-uniform lengths (i.e. for a field cut 3' length, order 4' stem).
10. Factory installed with RGH option otherwise field installed. Access required to location of remote mounted device.
11. ER for use as UL924 Emergency Operation via power sense lead. Will require an emergency hot feed and normal hot feed. EM for use as UL924 Emergency Operation via power interrupt detection.
12. Only available up to 2500 lumens; not available with WL or ECOS2.
13. Not available with JBXCC, SGB, or SGBCC. Max: 3000LM.
14. For details on RAL and Custom colors please see [Architectural colors](#).
15. CP not valid with NLTAIR2, NLTAIRER2 or E10WCPR.

Optical Assembly

Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from below the ceiling.

Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top down flash characteristic for superior glare control.

Electrical

The luminaire shall operate from a 50 or 60 Hz ± 3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. Support 347V via remote-mounted stepdown transformer. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.

Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages.

Input wires shall be 18AWG, 300V minimum solid copper.

Controls

Luminaire shall be equipped with interface for nLight wired or nLight AIR networks with integral power supply as per specification.

Emergency

Luminaires supplied with a battery pack comply with NFPA 101 (Life Safety code) and deliver constant light output throughout the 90 minutes of code required emergency operation period when there is a normal AC power loss.

Luminaires equipped with a generator transfer device work in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

Dimming

The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED LED drivers shall conform to IEEE P1789 standards. Alternatively, manufacturers must demonstrate conformance with product literature and testing which demonstrates this performance. Systems that do not meet IEEE P1789 will not be considered.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction

Heaving-gauge aluminum construction. Extruded cylinder body with flangeless reflector allows flow-through passive thermal management. Canopy matches cylinder in finish and diameter.

Pendant stem mount for installation to 4" recessed or surface octagonal junction box with integral driver.

Recessed gear box available for driver above ceiling, nLight, battery pack, CP, and GTD options.

Surface gear box available for driver at ceiling installation.

Optional field configurable conduit covers available. Conduit covers match cylinder in finish and diameter.

WARNING: All pendant fixtures exposed to wind require tethering – contact factory.

Listings

Fixtures are CSA Certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, damp location standard; wet location covered ceiling optional (WL).

Luminaire configurations are Energy Star certified through testing in EPA-recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed.

Photometrics

LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 6,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by the center of the quadrangles defined in ANSI C78.377-2015.

Buy American

This product 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.

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

EVO - eldoLED Driver Default Dimming Curve			
Nomenclature	Min Dimming	Driver Dim Curve	Control Dim Curve
EZ10	10%	Linear	Linear/Logarithmic
EZ1	1%	Linear	Linear/Logarithmic
EZB	<1%	Logarithmic	Linear
EDAB	<1%	Logarithmic*	Linear
EDXB	<1%	Square	Linear

*Changeable through DALI controller

Distributions		
Nomenclature	Beam Angle	Field Angle
MD	54	82
MWD	67	89
WD	71	92

Lumen Output Multiplier		
CRI	CCT	Multiplier
80	2700K	0.916
	3000K	0.948
	3500K	1
	4000K	1.032
	5000K	1.1
90	2700K	0.748
	3000K	0.8
	3500K	0.838
	4000K	0.845
	5000K	0.945

Reflector Finish Multiplier	
Reflector Finish	Multiplier
LS - Specular	1
LSS - Semi Specular	0.956
WR - White	0.87
LD - Matte Diffuse	0.85
BR - Black	0.73
BZR - Bronze	0.73

Control Provided (note: 347V/UVOLT versions provided with 347 option selected)					
Nomenclature	Description	NLT	NLTER	NLTAIR2	NLTAIRER2
GZ10	0-10V driver dims to 10%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
GZ1	0-10V driver dims to 1%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ10	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ1	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZB	eldoLED 0-10V SOLOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2

J-box Compatibility Matrix		Cylinder Configurations					
		JBX	SGB	SGBCC	SGB w/EDXB Driver	SGBCC w/EDXB Driver	JBXCC
Recommended J-box (by others)	4" Octagonal 4x4x1.5 deep"	✓	✓	✓	✓	✓	✓
	4" Octagonal 4x4x2.125 deep	✓	✓	✗	✓	✗	✗
	4" Square 4x4x1.5 deep	*with adaptor plate accessory	*with adaptor plate accessory	✗	*with adaptor plate accessory	✗	✗

Standard Architectural Color Options for Cylinder Bodies

 DSS LITHONIA P12 Sandstone	 DSST TEXTURED P90 Sandstone	 DBR LITHONIA P34 Bright Red	 DSPH TEXTURED P80 Light Red	 DMB LITHONIA P11 Medium Bronze	 DBNH TEXTURED P74 Bronze	 DTG LITHONIA P33 Tennis Green	 DSPE TEXTURED P78 Green
 DSB LITHONIA P49 Steel Blue	 DNA LITHONIA P07 Natural Aluminum	 DNAT TEXTURED P89 Natural Aluminum	 DGC LITHONIA P32 Charcoal Gray	 DSPD TEXTURED P77 Dark Grey	 DDB LITHONIA P50 Dark Bronze	 DDBT TEXTURED P88 Dark Bronze	 DBL LITHONIA P13 Black
 DBLB TEXTURED P75 Black	 DWH LITHONIA P21 White	 DWHG TEXTURED P86 White					

NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please always contact a Gotham representative for an accurate paint chip sample.

Stabilization Kit (CYLSTBL KIT) Accessory

The Stabilization Kit offers additional support for applications where wind may be a factor and the pendant stem cylinder needs to be secured.

Cables

Three (3) 20 ft. 304 grade stainless steel aircraft cables with outer diameters of 1/16" are attached to anchoring mechanisms in the mounting surface at one end and the provided stem collar around the pendant stem at the other end.

Cables should be anchored 120° +/- 10° from each other radially and positioned at 45° or greater from the stem for optimal support of the fixture.

Clamps and Stem Collars

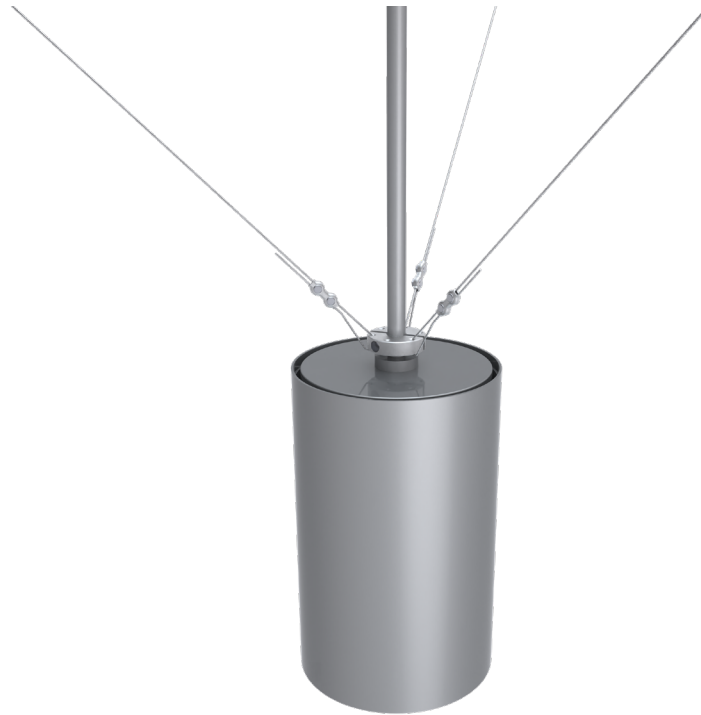
The stem collar consists of two (2) half stem collars made of 304 stainless steel. Both stem collar halves are attached around the pendant stem with 304 stainless steel socket head cap screws.

Six (6) cable clamps made of 304 stainless steel are used in the stabilization kit with two (2) clamps per cable attached to each anchoring point and the stem collar.

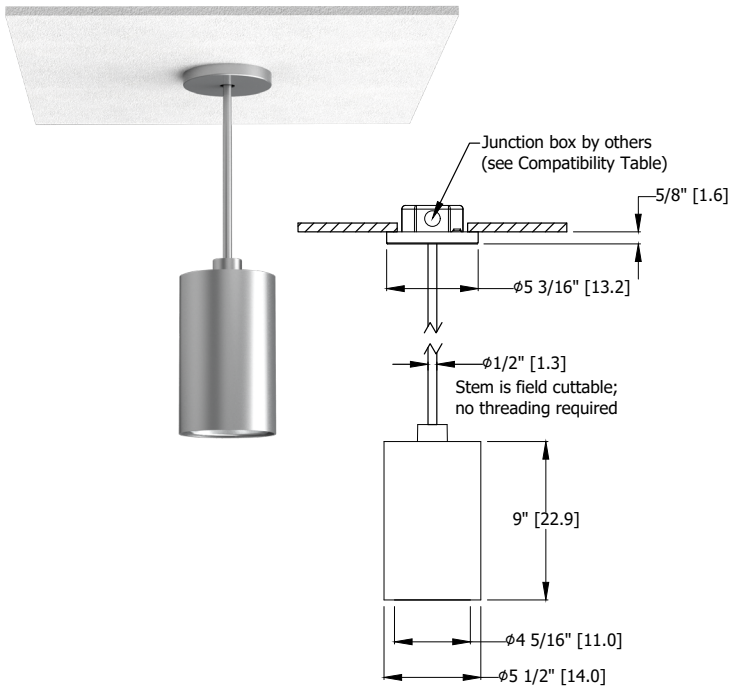
The cable tension can be adjusted from either end.

Wind Load

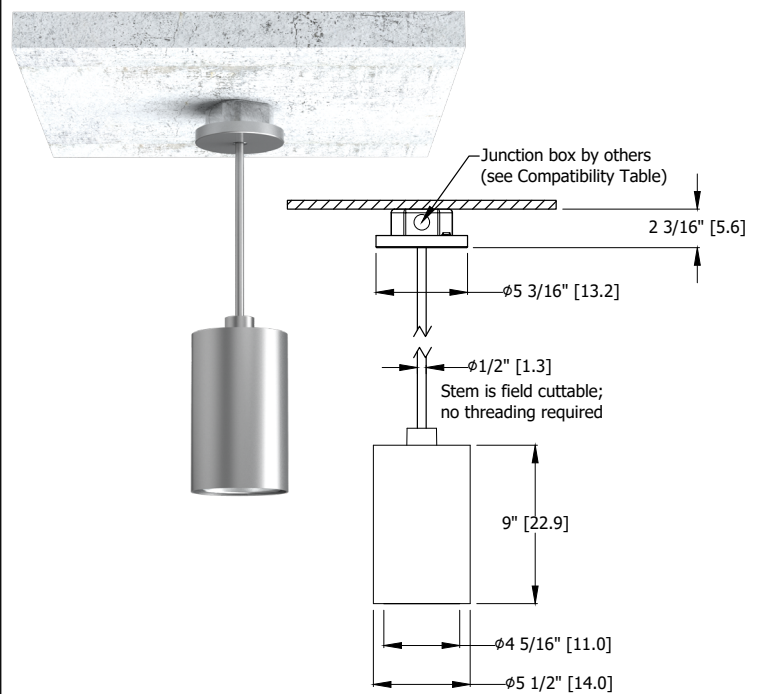
The Stabilization Kit is designed to withstand 90mph winds for 3 seconds comparable to ASCE 7-10, MRI 50-year (fixture EPA is 0.2 sq ft)



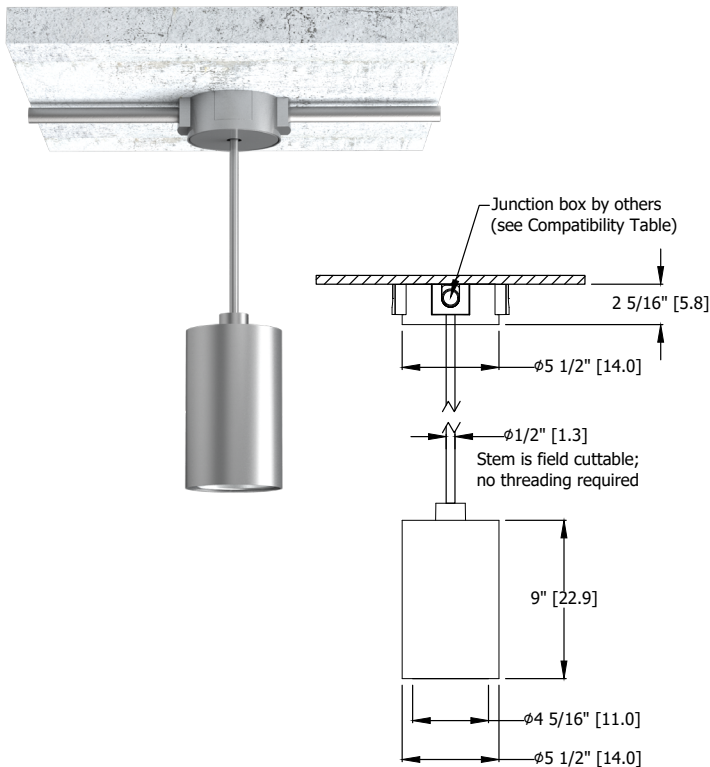
JBX Recessed J-Box



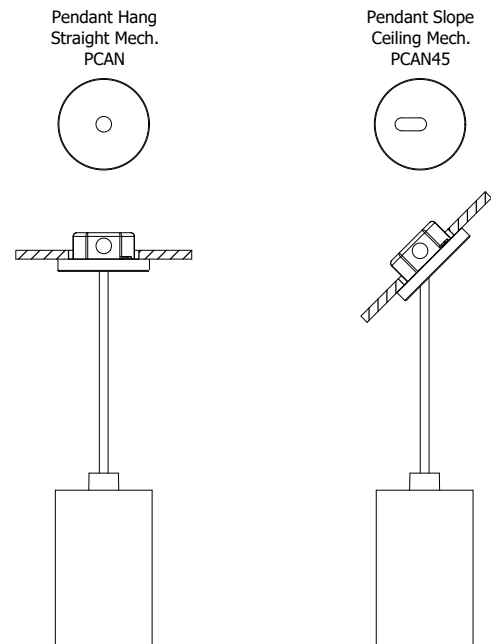
JBX Surface J-Box



JBXCC Surface J-Box with Conduit Covers

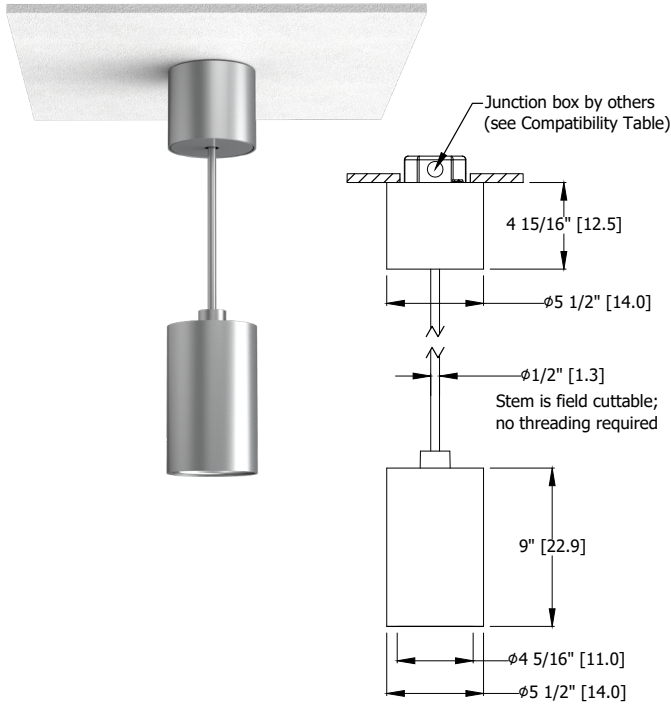


Stem_PCAN vs PCAN45

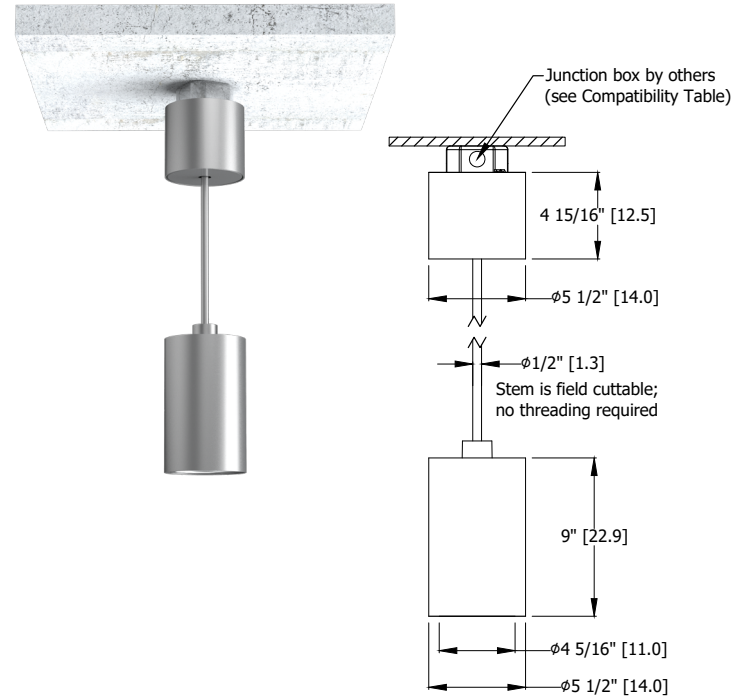


*Dimensions in inches [centimeters]

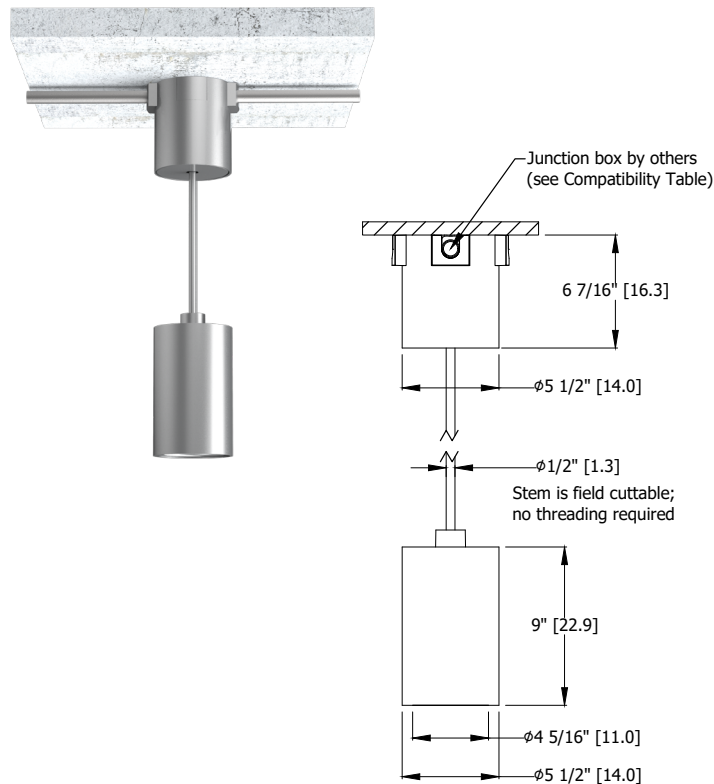
SGB Surface Gear Box for EDXB recessed J-box



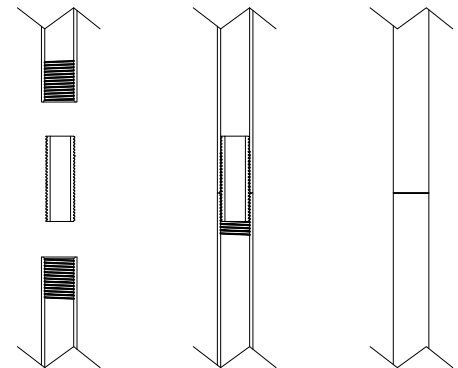
SGB Surface Gear Box for EDXB surface J-box



SGBCC Surface Gear Box for EDXB with Conduit Covers

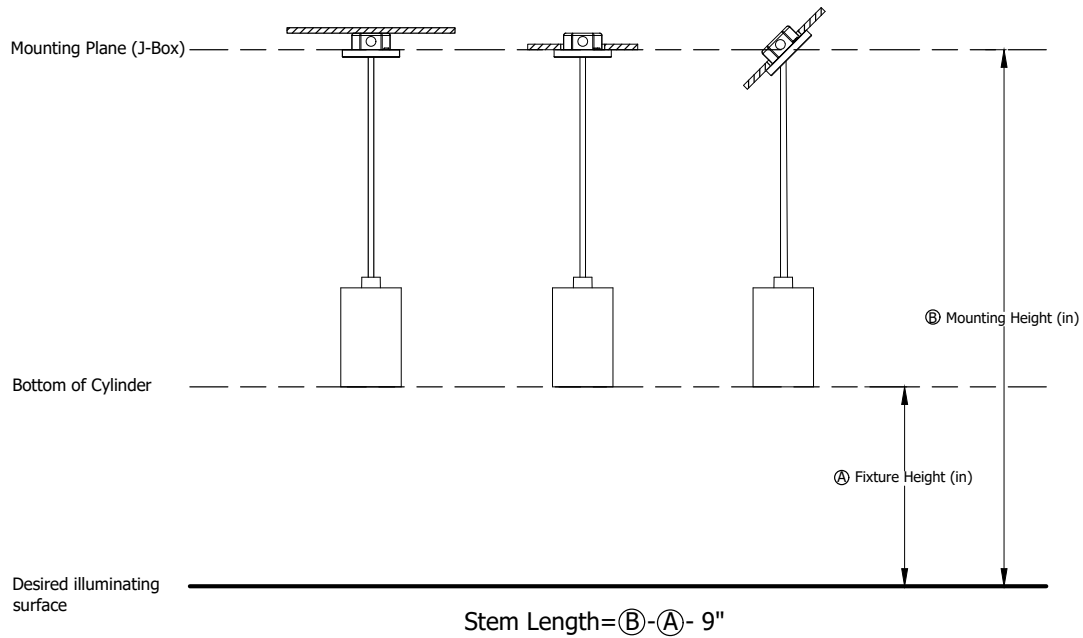


Stem Connection Method

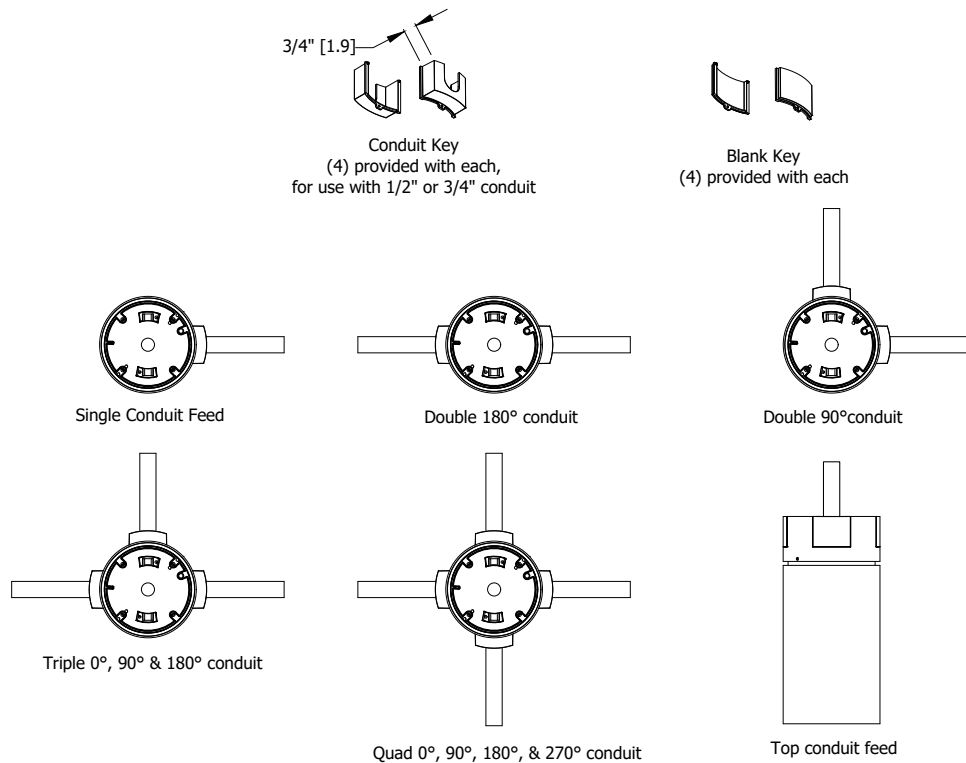


*Dimensions in inches [centimeters]

Stem Cutting Formulas for JBX/JBXCC

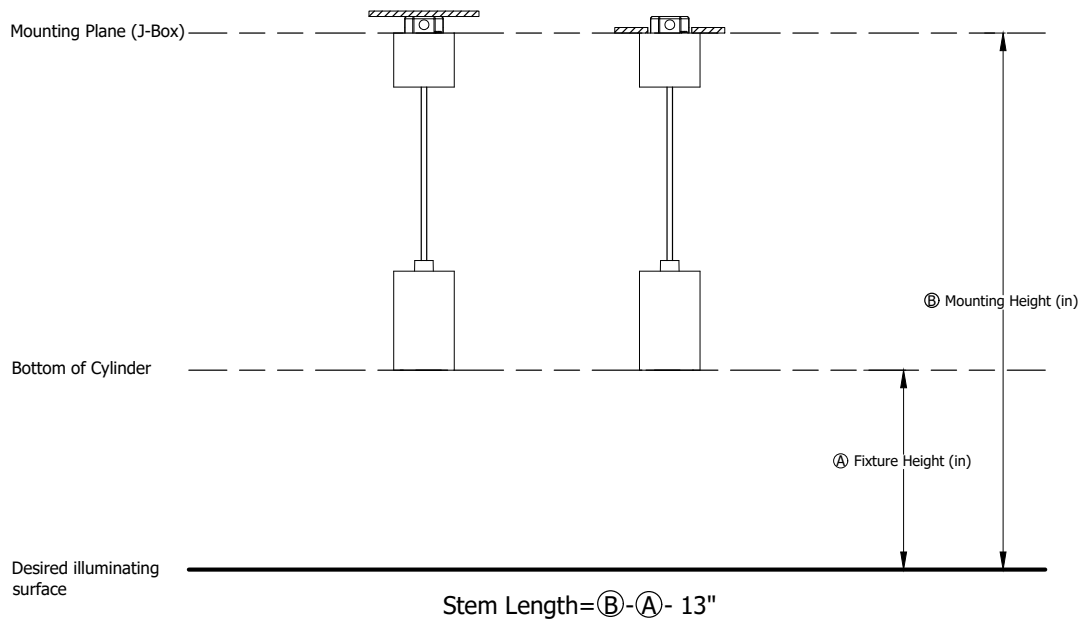


Conduit Feed Examples and Keys

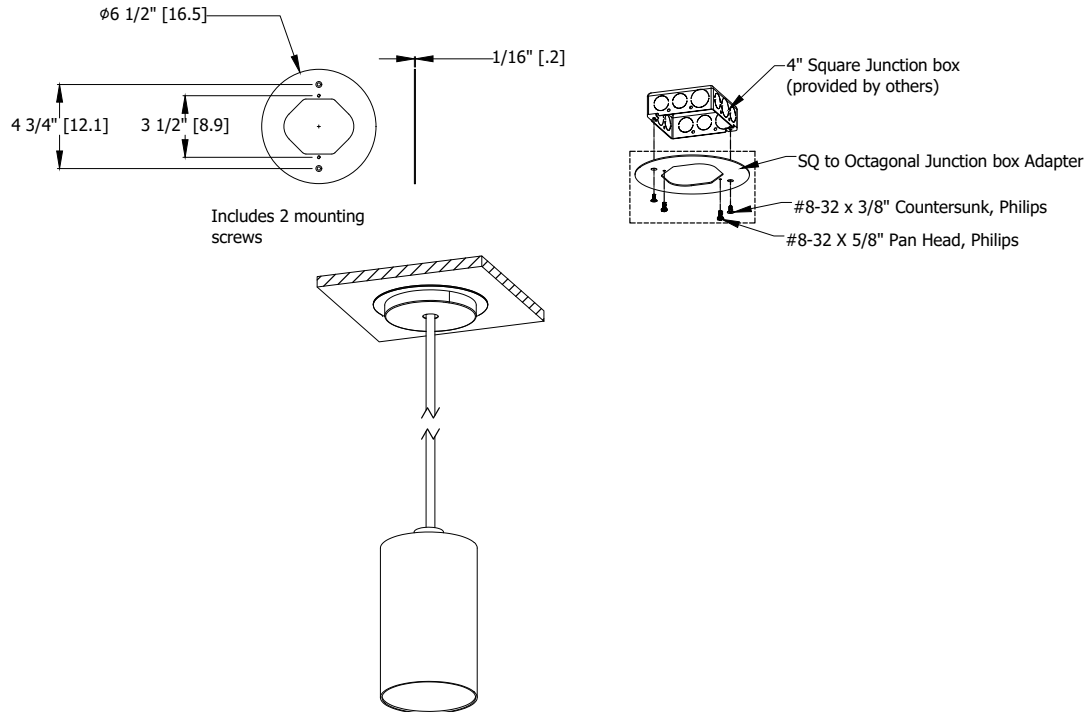


*Dimensions in inches [centimeters]

Stem Cutting Formulas for SGB

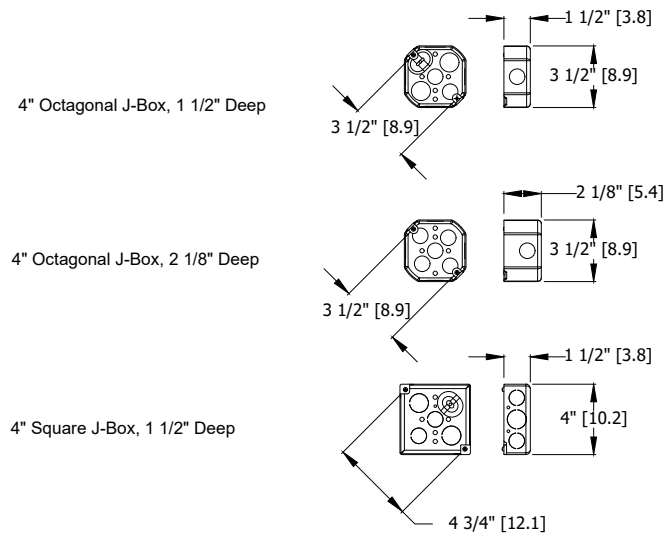


Cylinder Adaptor Plate

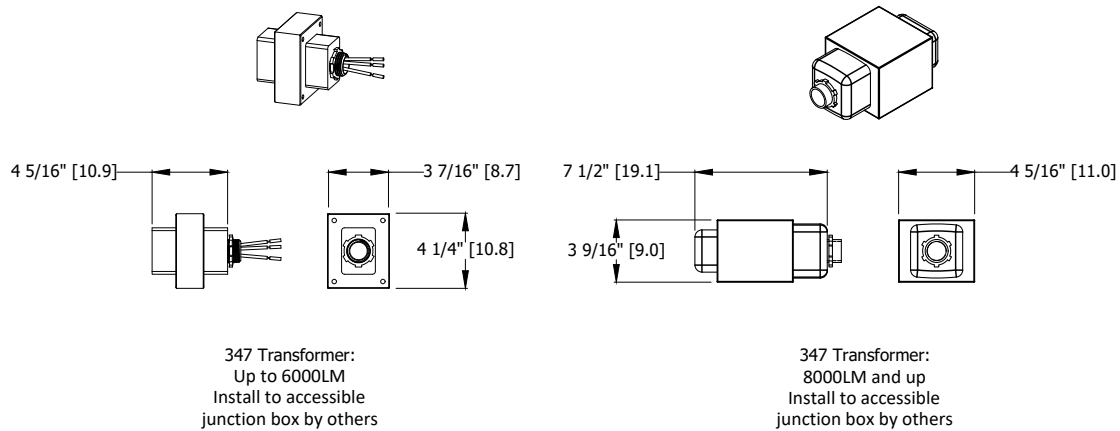


*Dimensions in inches [centimeters]

Junction Box Dimensions (by others)

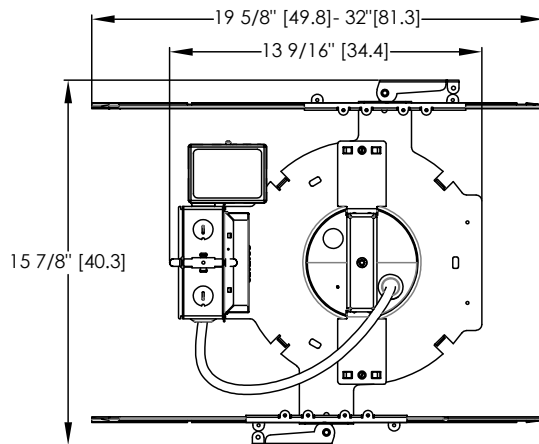


347V Stepdown Transformer

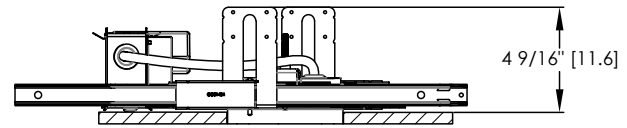


*Dimensions in inches [centimeters]

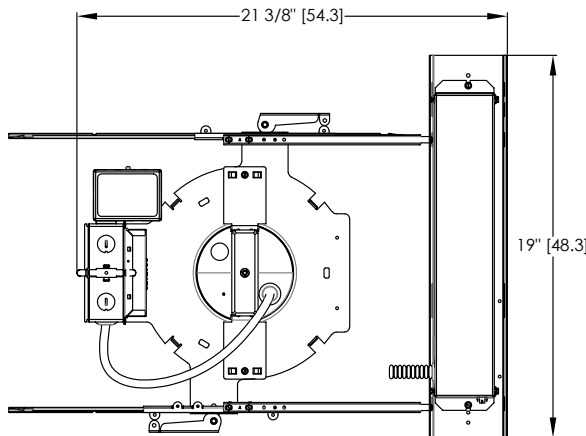
RGH Standard



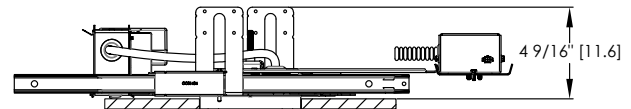
Ceiling thickness range: 1/2" [1.3] to 3" [7.6]
Ceiling cutout: 5 1/16" [12.9]



RGH with Battery Backup (E10WCPR) Standard

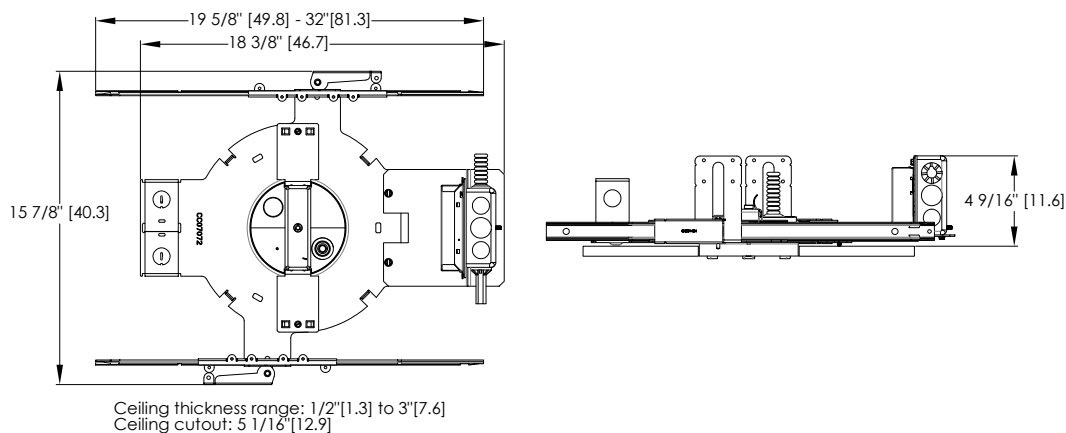


With Emergency Battery or GTD option
Minimum plenum height for emergency batteries in non-accessible ceilings: 12 1/2" [31.8]
Ceiling thickness range: 1/2" [1.3] to 3" [7.6]
Ceiling cutout: 5 1/16" [12.9]

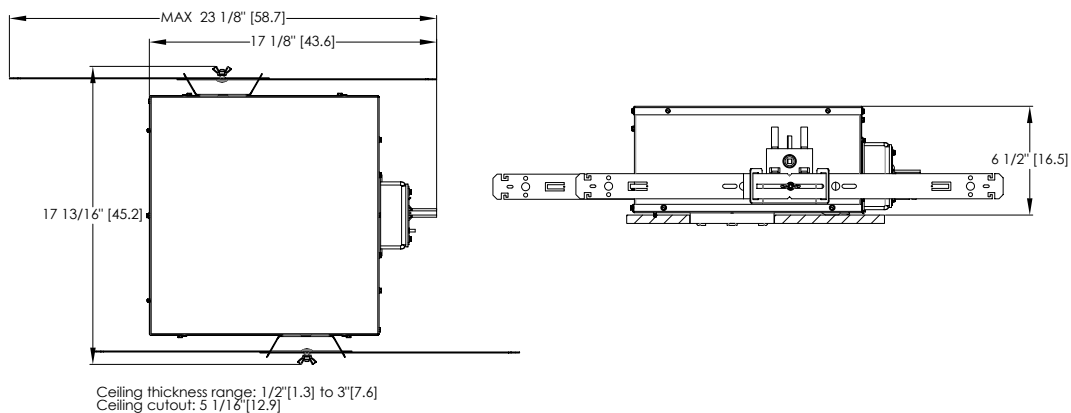


*Dimensions in inches [centimeters]

RGH CP Standard



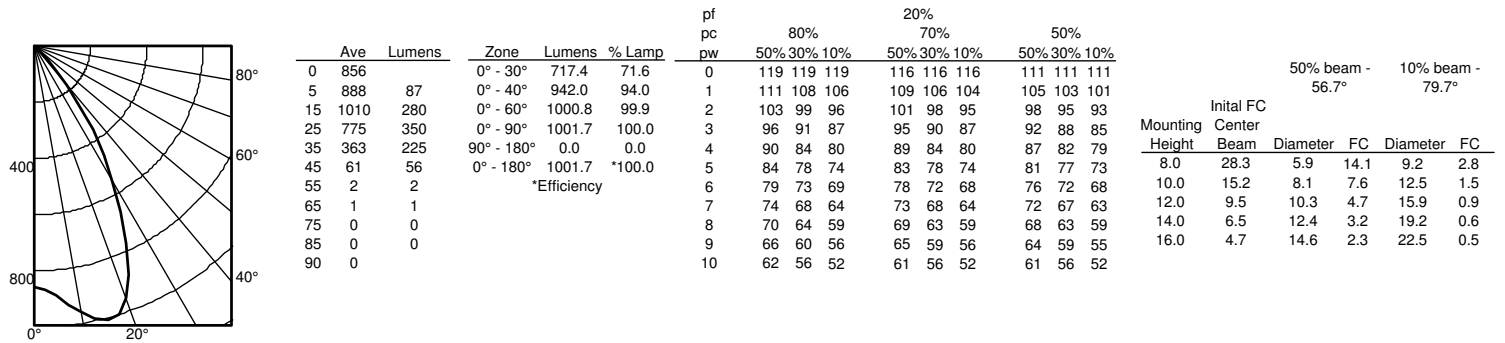
RGH with Chicago Plenum (CP) for use with nLight Enclosed



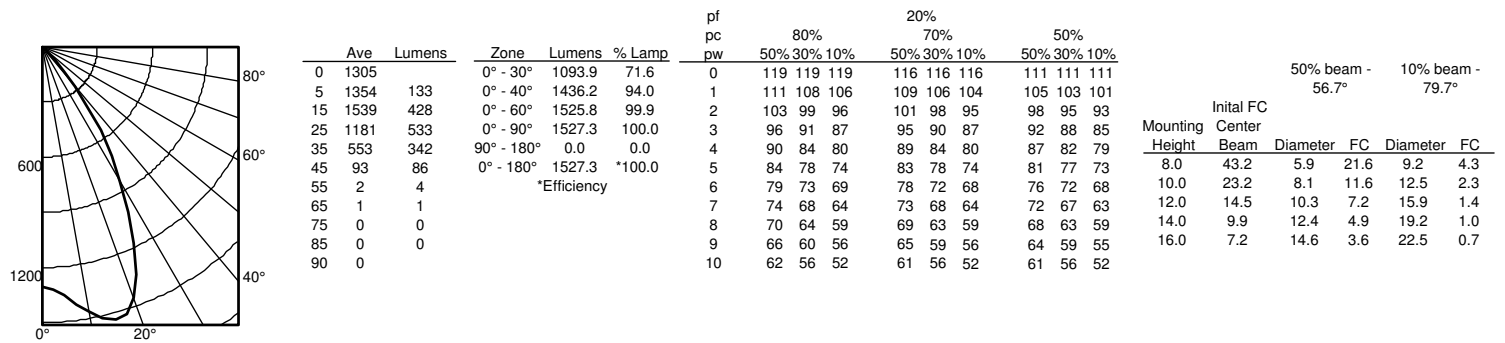
*Dimensions in inches [centimeters]

CONSULT WWW.GOTHAMLIGHTING.COM FOR ADDITIONAL PHOTOMETRY.

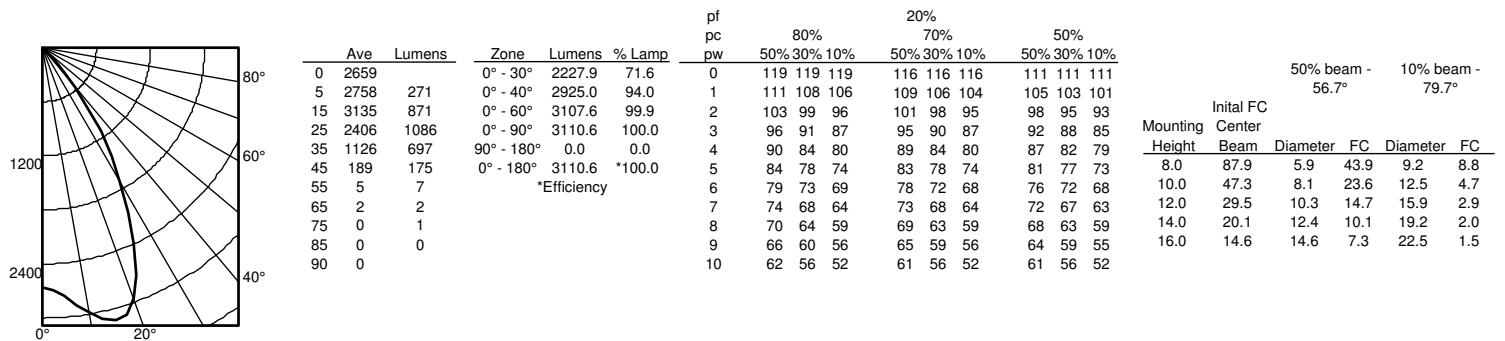
EVO4PC 35/10 MWD LS INPUT WATTS: 8.8W, DELIVERED LUMENS: 1001.7LM, LPW = 113.8, 1.08 S/MH, TEST NO. LTL27786P



EVO4PC 35/15 MWD LSS INPUT WATTS: 13.7W, DELIVERED LUMENS: 1527.3LM, LPW = 111.4, 1.08 S/MH, TEST NO. LTL27786P



EVO4PC 35/30 MWD LSS INPUT WATTS: 31.2W, DELIVERED LUMENS: 3110.6LM, LPW = 99.6, 1.08 S/MH, TEST NO. LTL27786P



nLight® AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each EVO Luminaire ordered with the NLTAIR option. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

nLight® AIR Control Accessories

Order as separate catalog number. Visit [nLight AIR](#).

Wall Switches

Model Number	
On/Off single pole	rPODB (color) G2
On/Off two pole	rPODB 2P (color) G2
On/Off & raise/lower single pole	rPODB DX (color) G2
On/Off & raise/lower two pole	rPODB 2P DX (color) G2

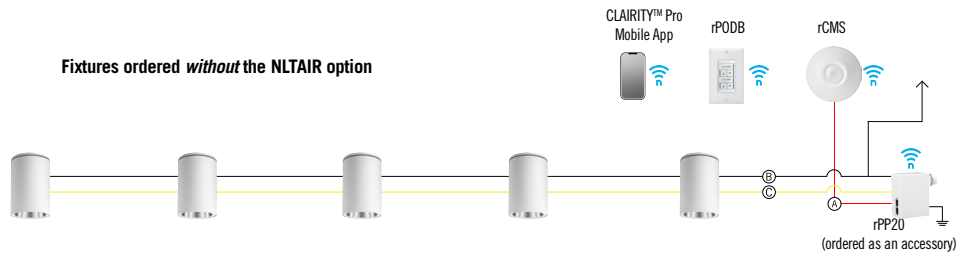
nLight® AIR Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

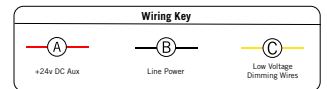
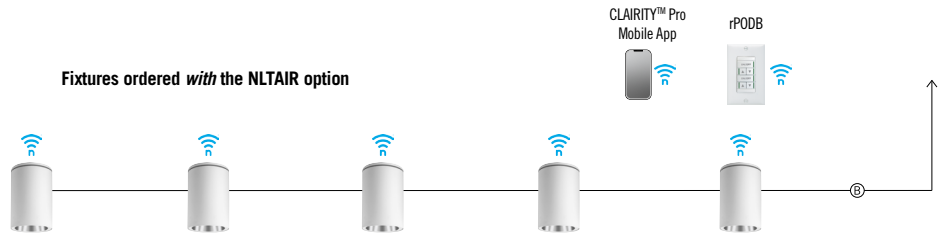
Model Number	
Small motion 360°, ceiling	rCMS 9 / rCMS PDT 9
Large motion 360°, ceiling	rCMS 10 / rCMS PDT 10

Possibilities for nLight® AIR

Fixtures ordered *without* the NLTAIR option



Fixtures ordered *with* the NLTAIR option



nLight® Wired The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

nLight® Wired Control Accessories

Order as separate catalog number. Visit [nLight](#).

Wall Switches

Model Number	
On/Off single pole	nPODM (XX)
On/Off two pole	nPODM 2P (XX)
On/Off & raise/lower single pole	nPOD DX (XX)
On/Off & raise/lower two pole	nPODM 2P DX (XX)
Graphic touchscreen	nPOD GFX (XX)

Photocell Controls

Dimming	nCM ADCX
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nLight® Wired Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

Model Number	
Small motion 360°, ceiling	nCM 9 / nCM PDT 9
Large motion 360°, ceiling	nCM 10 / nCM PDT 10
Wide View	nWV 16 / nWV PDT 16
Wall switch with raise/lower	nWSX LV DX / nWSX PDT LV DX

Cat-5 Cables (plenum rated)

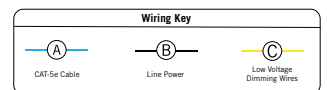
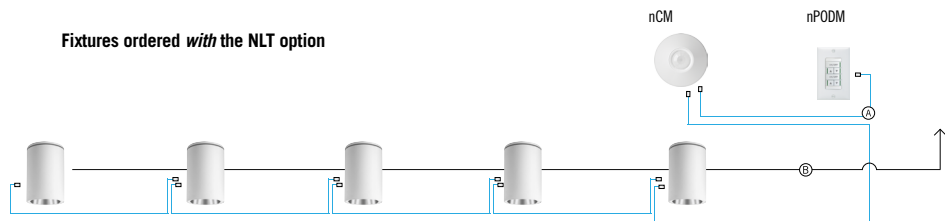
10', CAT5	CAT5 10FT J1
15', CAT5	CAT5 15FT J1

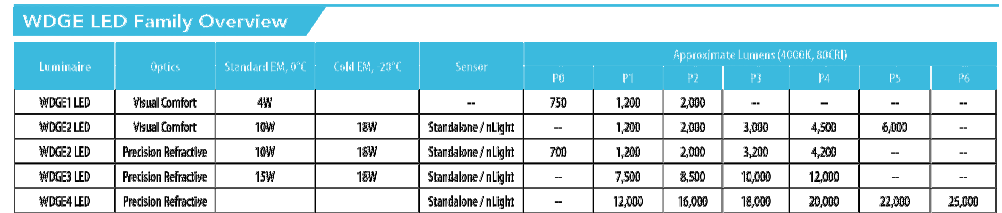
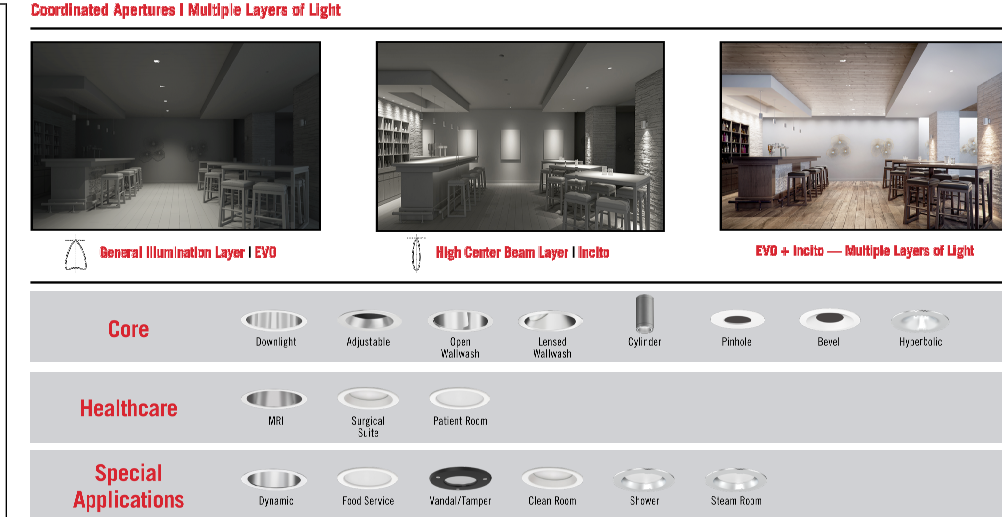
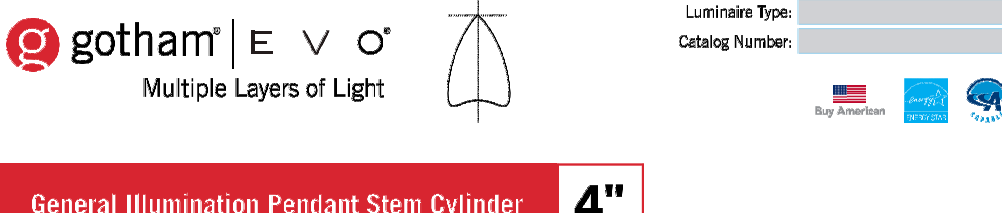
Possibilities for nLight® wired

Fixtures ordered *without* the NLT option



Fixtures ordered *with* the NLT option



[illegible]

Statistics				
Description	Symbol	Avg	Max	
PROPERTY LINE - FC @ 3' AFG	✕	0.0 fc	0.2 fc	0
SITE - FC @ GRADE	+	1.3 fc	12.3 fc	0

OLYMPUS GATEWAY SMALL BAY INDUSTRIAL

SHEET

DR-8

 PLEASE RECYCLE