

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

The half-moon dome LED pendant and surface cylinder is designed for commercial spaces, combining performance and aesthetics. Featuring integrated LED drivers with over 80% efficiency and high-performance COB LED chips, it minimizes energy loss, reduces heat output, and ensures effective heat dissipation. This fixture offers a cohesive design and tool-free interchangeable beam spreads, adapting effortlessly to diverse lighting needs, making it a versatile and sustainable choice for any commercial environment.

FEATURES

- Construction:** Durable die-cast aluminum with a powder-coated polyester finish
- Wattage:** 50/75/100% selectable switch
- Dimming Driver:** 0-10V dims 10%
- Emergency Battery:** External 90 min. w/ test switch
- Color Temperature:** 27, 30, 35, 40K
- Optics:** 15, 24, 36, 60°
- Voltage:** 120-277V
- CRI:** 80+, 90+
- Life:** 50,000 Hours
- Warranty:** 5 Years carefree for parts & components (Labor not included)
- Listings:** cULus listed for damp locations



Conduit

J-Box



ORDERING INFORMATION Example:

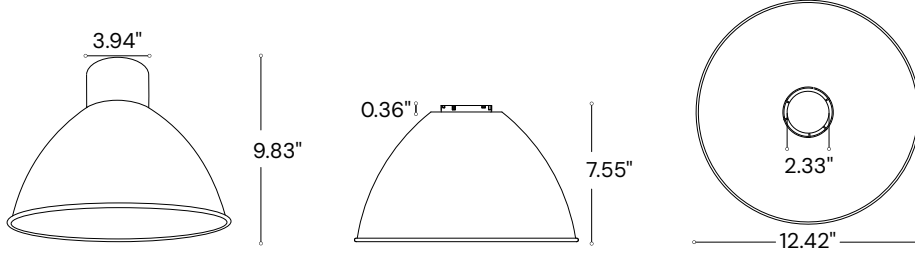
Model	Mount	Color Temp		CRI	Optics		Finish	Canopy	Pendant Mounting ¹	Options
12345	P	27K	2700K	8	15	15° Narrow Spot	WH	Blank <small>Standard</small>	Blank	XEM8 8W External Emergency Battery
	Pendant	30K	3000K	80+	24	24° Spot	White	J-Box Mount	Not Required	
	S	35K	3500K	9	36	36° Flood	BK	C		
	Surface	40K	4000K	90+	60	60° Wide Flood	Black	Conduit Mount	AC2 2' Adjustable Aircraft Cable AC4 4' Adjustable Aircraft Cable AC8 8' Adjustable Aircraft Cable AC12 12' Adjustable Aircraft Cable ST2 ² 2' Stem ST4 ² 4' Stem ST8 ² 8' Stem ST12 ² 12' Stem	

¹ Mounting options are same color as fixture
² Tilt up to 30°

LUMINOUS EFFICACY

Selectable Wattage	Color Temperature	CRI	Lumen Output	Lumens per Watt
25/18/12W	2700K	80+	2250lm	90lm/w
		90+	1900lm	76lm/w
	3000K	80+	2375lm	95lm/w
		90+	2000lm	80lm/w
	3500K	80+	2450lm	98lm/w
		90+	2050lm	82lm/w
	4000K	80+	2500lm	100lm/w
		90+	2100lm	84lm/w

LINE DRAWINGS & DIMENSIONS



MOUNTING OPTIONS

J-Box Mount

Pendant



Surface



Conduit Mount

Pendant



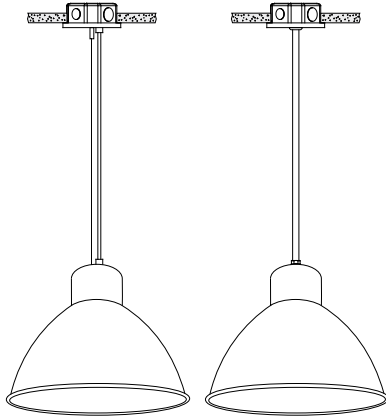
Surface



MOUNTING LOCATION

Pendant

J-Box Mount



Cable

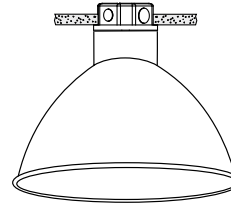
Stem

A 4.5" flat canopy is included to cover the junction box, along with a white or black aircraft cable in lengths of 2', 4', 8' or 12' (nominal), which can be adjusted on-site as needed.

For pendant stem mounting, a steel stem with a diameter of 0.48" in the specified lengths of 2', 4', 8' or 12' (nominal) is available in a white or black finish. The junction box can be any of the following shapes:

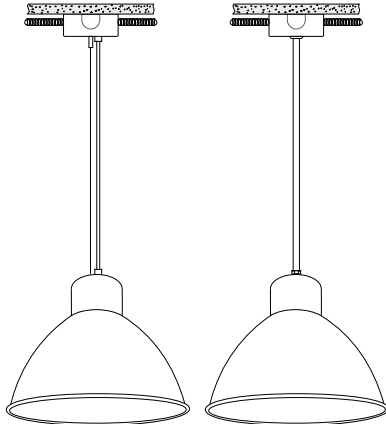
- 3" octagon
- 4" octagon
- 4" round

Surface



If a compatible recessed junction box already exists in the ceiling, the cylinder light can be mounted directly to it.

Conduit Mount

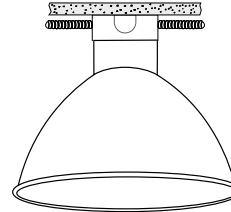


Cable

Stem

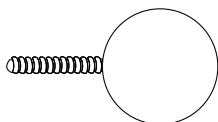
For the standard 4" octagonal junction box surface mounted, a round canopy with a diameter of 5.97" and a depth of 2.38" is provided. Features four key slots, one on each side, that can be configured to accommodate any ceiling layout using a 0.5" or 0.375" conduit.

This deep canopy offers ample space for routing conduit from the junction box to the fixture. The conduit enters through one of the key slots, connecting seamlessly to the fixture within the canopy. These key slots enable flexible installation, accommodating various conduit routing configurations.

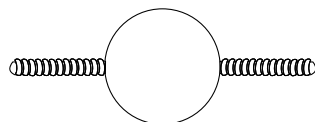


A 5.97" round canopy with a 2.38" depth is provided for installation. Route the conduit from junction box to fixture, ensuring the canopy has enough space to accommodate it.

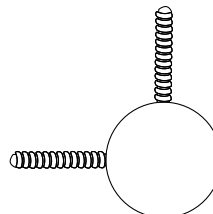
CONDUIT CONFIGURATIONS



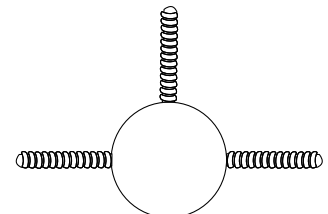
End



Straight



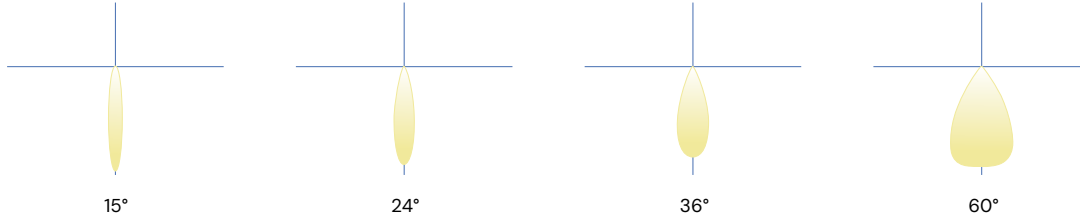
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LIGHT DISTRIBUTION

Four Beam Angle options



EXTERNAL EMERGENCY BATTERY

Canopy with Indicator

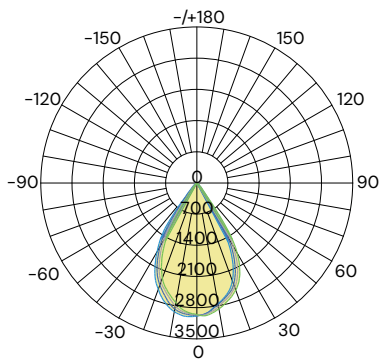


Automatically activates during AC power failure, providing at least 120 minutes of emergency illumination. Equipped with an external test button, it seamlessly returns to charging mode when power is restored, ensuring compliance with life-safety lighting standards.



PHOTOMETRY

4" / 3000K / 60°



AVERAGE BEAM ANGLE (50%): 61.0°

Lumens: 2612.6 Lm
Watts: 25 W
LPW: 103.94 Lm/W
CCT: 3000K

UNIT:cd
— C0/180, 61.0°
— C30/210, 61.1°
— C60/240, 61.1°
— C90/270, 60.7°

Zonal Flux Diagram

°	C0	C45	C90	C135	C180
10	2751	2786	2868	2917	2931
20	2335	2466	2558	2593	2538
30	1094	1535	1818	1905	1800
40	155.1	194.4	245.3	438.2	400.3
50	62.68	63.03	65.58	79.00	102.6
60	44.26	44.48	45.54	54.19	62.64
70	23.80	23.01	22.92	28.39	34.03
80	2.913	5.007	6.675	7.312	11.58
90	0.1544	0.1118	0.3414	0.4778	0.2661
100	0.0980	0.1167	0.1027	0.1260	0.1499
110	0.1725	0.2939	0.8678	0.2707	0.6863
120	0.3081	0.3082	0.3596	0.3502	0.7190
130	0.8022	0.6450	0.4290	0.4484	0.8034
140	2.066	1.785	1.408	1.243	1.589
150	3.714	3.274	2.851	2.718	3.120
160	5.316	4.917	4.461	4.184	4.698
170	6.381	6.205	6.044	5.930	6.233
180	6.788	6.806	6.652	6.657	6.797
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

°	Φ total
0-10	275.7
10-20	1016
20-30	1941
30-40	2403
40-50	2499
50-60	2552
60-70	2587
70-80	2603
80-90	2605
90-100	2605
100-110	2605
110-120	2606
120-130	2606
130-140	2607
140-150	2609
150-160	2610
160-170	2612
170-180	2613
UNIT: lm	

Luminance cd/(m2)

G(°)	C0/180	C90/270
85	2079	6732
80	2892	6628
75	8458	9206
70	11997	11556
65	13945	13764
60	15263	15703
55	16203	17152
50	16813	17592
45	17695	27503

COMPATIBLE DIMMERS

	ALCON LIGHTING	LUTRON	LEVITON	legrand
0-10 V	2100 2101 2102	DVSTV NTSTV-DV MS-Z101	IP710 DD710	RH4FBL3PTC

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	COOL WHITE GLOW	DAYLIGHT GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✓	✓	✗