

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

The 4-inch decorative cylinder lighting fixture, ideal for commercial applications, features integrated LED drivers that deliver over 80% efficiency, minimizing energy loss and heat output for a more sustainable solution. With interchangeable beam spreads that can be swapped without tools, this versatile fixture adapts easily to various lighting needs. Available in both pendant and surface mount options, it boasts a modular design and high performance COB LED chips to dissipate heat.

FEATURES

- Construction:** Durable die-cast aluminum with a powder-coated polyester finish
- Wattage:** 12/18/25W selectable switch
- Driver:** 0-10V dims 10%
- Efficacy:** 95lm/w
- Lumens:** 1140~2350lm
- 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



Pendant Mount



Surface Mount



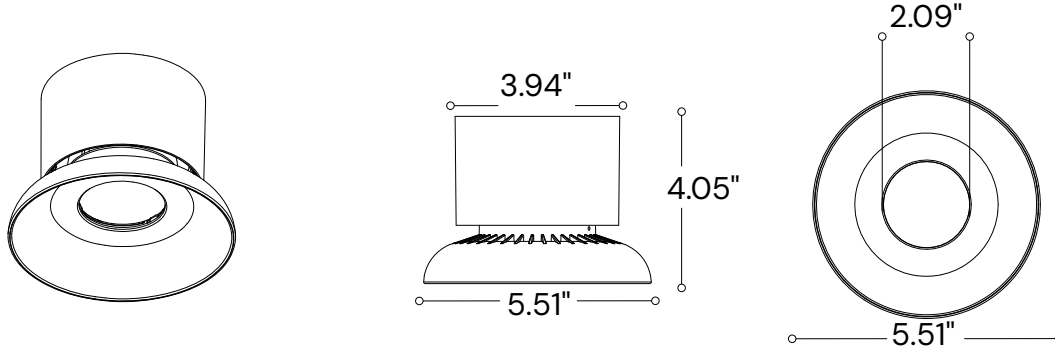
ORDERING INFORMATION Example:

Model	Mount	Color Temp	Optics	Finish	Reflector Finish	Canopy	Pendant Mounting ¹	CRI	Options
12344	P	27K	2700K	15	15° Narrow Spot	WH	Blank	Blank	EMX8
	Pendant	30K	3000K	24	24° Spot	White	Not Required	80+	8W External
	S	35K	3500K	36	36° Flood	BK		9	Emergency Battery
	Surface	40K	4000K	60	60° Wide Flood	Black	AC2	90+	EMX25
							2' Adjustable Aircraft Cable		25W External
							AC4		Emergency Battery
							4' Adjustable Aircraft Cable		
							AC8		
							8' Adjustable Aircraft Cable		
							ST2 ²		
							2' Stem		
							ST4 ²		
							4' Stem		
							ST8 ²		
							8' Stem		

¹ Mounting options are same color as fixture

² Tilt up to 30°

LINE DRAWINGS & DIMENSIONS



MOUNTING OPTIONS

J-Box Mount

Surface



Conduit Mount



Pendant

Cable

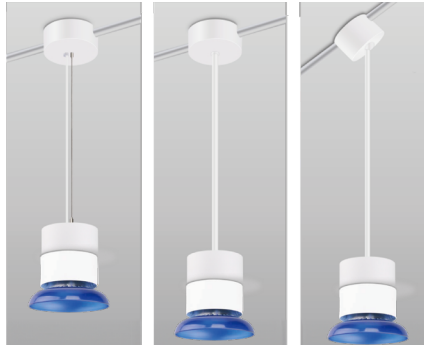
Stem



Tilt up to 30°

Cable

Stem



Tilt up to 30°

REFLECTOR FINISH OPTIONS

Blue

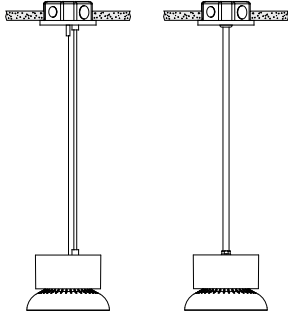
Transparent



MOUNTING LOCATION

Pendant

J-Box Mount



Cable

Stem

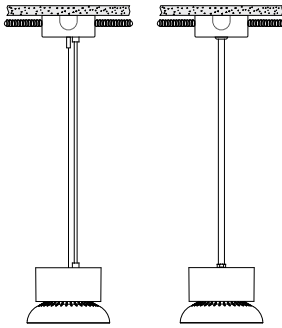
A 4.5" flat canopy is included to cover the junction box, along with a white or black aircraft cable in lengths of 2', 4', or 8' (nominal), which can be adjusted on-site as needed.

For pendant stem mounting, a steel stem with a diameter of 0.48" in the specified lengths of 2', 4', or 8' (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

Conduit Mount



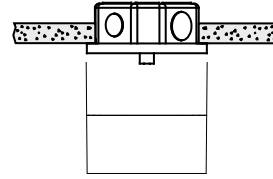
Cable

Stem

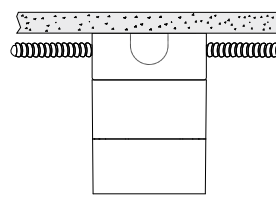
For the standard 4" octagonal junction box surface mounted, a round canopy with a diameter of 5.97" and a depth of 2.38" is provided. Features four key slots, one on each side, that can be configured to accommodate any ceiling layout using a 0.5" or 0.375" conduit.

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.

Surface

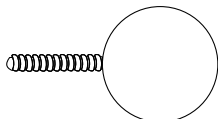


If a compatible recessed junction box already exists in the ceiling, the cylinder light can be mounted directly to it.

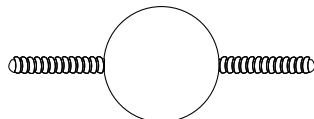


A 5.97" round canopy with a 2.38" depth is provided for installation. Route the conduit from junction box to fixture, ensuring the canopy has enough space to accommodate it.

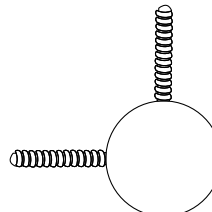
CONDUIT CONFIGURATIONS



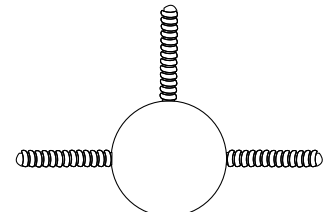
End



Straight



L



T

LIGHT DISTRIBUTION

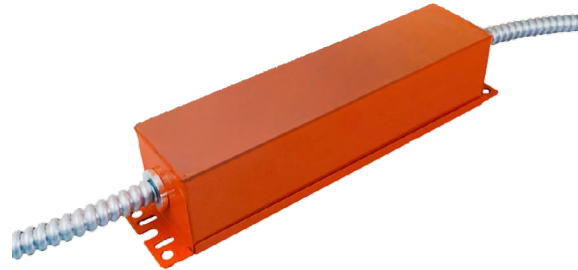
Four Beam Angle options



EXTERNAL EMERGENCY BATTERY



Canopy with Indicator



LED Emergency Driver with External Test Button

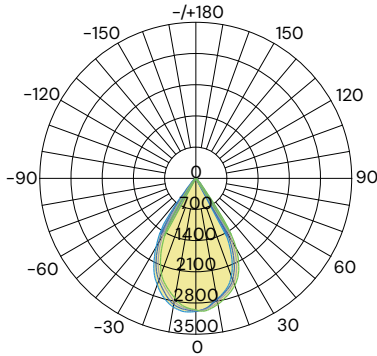
In the event of an AC power failure, the system automatically switches to emergency mode, providing at least 120 minutes of illumination. Once power is restored, it seamlessly returns to charging mode, ensuring compliance with critical life-safety lighting requirements.

Emergency Lumen Output

Mount	Fixture Efficacy	8W Output Power
Pendant	80lm/w	640 lm
Surface	90lm/w	720 lm

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
 — CO/180, 61.0°
 — C30/210, 61.1°
 — C60/240, 61.1°
 — C90/270, 60.7°

Zonal Flux Diagram

T	CO	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

T	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(DEG)	CO/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	IP710	RH4FBL3PTC
TRIAC		MSCL-DP153M SCL-153P CTCL-153P CT-603PG DV603P DVCL153P	6683 6674	

COLOR TEMPERATURE GUIDE

