



Project	
Notes	
Type	Date
Cat. No.	

LOC™ Series

LED Outdoor Cylinder

DESCRIPTION

The LOC Series is a family of LED Outdoor Cylinders. The LOC mounts to a wall, creating an inviting exterior space as well as providing safety and security. Made of sturdy die cast aluminum housing featuring a tempered glass lens. Ideal for use in hallways, garages, patios, and porches.



Specification Features



Construction

Rugged die cast aluminum housing withstands outdoor environments. Outer surface treated with durable power coating to provide resistant to corrosion, rust, weathering, and or degradation. Performance engineered internal heat dissipation fins provide superior thermal management for LED life and reliability. Clear Tempered glass lens. Beam angle 50°.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. ENERGY STAR® certified product (for 3000K only). Dedicated 120V Models are FCC Title 47 CFR, Part 15, Class B for residential and commercial applications.

Electrical

Equipped standard with fixed output driver. Long Life LED's, 60,000 hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs. Two LED color (Kelvin) temperature options and > 80 CRI.

Installation

Designed for wall mounting on 4" electrical J-Box.

Warranty

3-year Limited Warranty. See warranty documentation for more information.

LOC Series

12W, 1100 Lumens
24W, 2200 Lumens

Rated Life 60,000 hours
Limited Warranty 3 years
Efficacy Up to 92 LPW

Quick Ship

Ordering Information

Example: LOC-UD-24-120-MCT-BL

LOC	UD	24	120	MCT	BL	
Series LOC LED Outdoor Cylinder	Distribution D- Down Only ² UD- Up & down ²	Rated Wattage <u>Down Only</u> 12- 12W (1100 Lumens) ² <u>Up &Down Only</u> 24- 24W (2200 Lumens) ²	Driver Type 120- 120V ²	Color Temp MCT- 3000K/4000K/5000K Kelvin (80 CRI)	Finish BL- Black BN- Brushed Nickel	Options EML8- 8W Internal Battery Backup ⁴ P- Photocell ⁴

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table >
Efficacy	92 LPW (typ.)
CRI	80+, R9 > 0
Available CCT ¹	3000K, 4000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	60,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	>0.99
THD	< 20%
Dimming	N/A
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Clear Tempered Glass	Down Only	LOC-D-12-120-830	12	1100	91.6
	Up & Down	LOC-UD-24-120-830	24	2200	91.6

NOTES:

- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: Made To Order Only
- ⁴ Battery Backup option is only available on "120" driver type
- ⁵ L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact manufacturer for detailed information
- ⁶ 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 and Dimensions subject to change without notice.

Product Dimensions

LOC-D

7.04" (179mm)

7.9" (200mm)

8.1" (205mm)

4.53" (115mm)

LOC-UD

7.05" (179mm)

12.01" (305mm)

4.53" (115mm)

4.53" (115mm)



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