

Cygnus

Full Cut Off LED Wallpack

Product Description

The Full Cut Off Cygnus LED Wallpack features a classic, architectural style with optimal performance. With output of over 10000 lumens, the Cygnus delivers uniform light distribution with minimized glare using a Type III distribution precision lens. It is easy to install on walls or directly to a J-Box with its separable hinged backplate and has three knockouts for through-wiring or sensor additions. An internal switch offers the ability to adjust the CCT to 3000, 4000, 5000, or 5700K. The Cygnus is suitable for perimeter lighting as well as building entrances, walkways, or other commercial spaces where general purpose lighting is desired.

Construction

- Die-cast aluminum housing
- Three (3) ½" knockouts for conduit feed or sensors
- Toolless, separable hinged backplate for easy installation and maintenance
- Stainless steel hardware
- Fine-textured, UV-stabilized powder coat bronze finish

Optical System

- Clear injection-molded acrylic creates uniform distribution while maximizing lumen output
- Type III distribution
- Uses a dual emitter array that enables CCT selection of 3000, 4000, 5000 or 5700K
- 70 CRI to improve safety and color definition in public places.

Electrical

- Thermally-protected, high-efficiency driver
- Operating temperature rating of -4° to 104°F (-20°C to 40°C)
- Input voltage of 120-277VAC

Controls

- Photocell option
- Driver delivers full-range dimming from 0 - 10VDC

Mounting and installation

- Fixture mounts directly to J-Boxes and walls with screws
- Wiring possible through backplate or knockouts
- Separable hinged backplate to allow for easy mounting
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Listings

- LM-79, LM-80 testing performed in accordance with IESNA standards
- cULus 1598 Listed for wet locations
- IP65 Rated
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- RoHS Compliant
- TM-21 Reported L70(9k) life >54,000 hours

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

Date



OWF3
Full Cut Off LED Wallpack
10,000 Lumen
CCT Selectable



Ordering

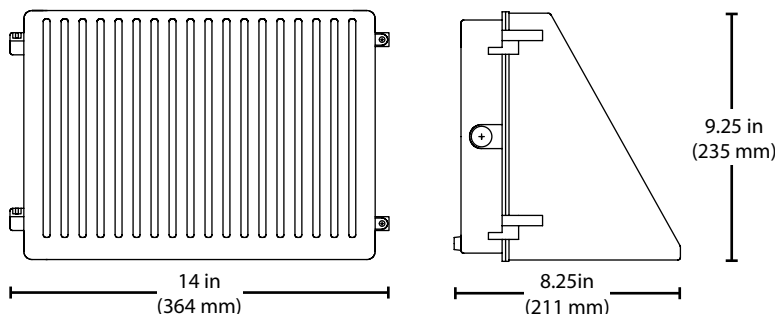
Ordering Information

Example: OWF3080MVSBZ

Series	Version	Wattage	Voltage	CCTs	Finish	Photocell
OWF	3 (Version 3)	080 (80 W)	MV (120-277)	S (Select 3/4/5/57K)	BZ (Bronze)	Blank (None)
						P (Photocell)

Specifications and dimensions subject to change without notice.

Dimensions



Photometric Data

OWF3080 Selectable 5000K

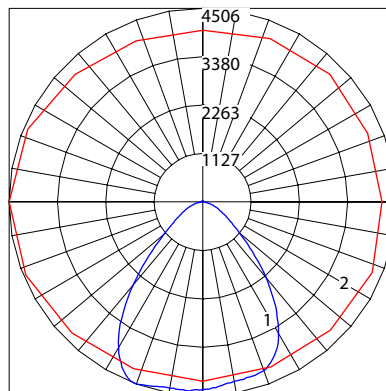
Input Voltage (VAC)	120-277
System Level Power (W)	81.7
120V Current (A)	0.68
277V Current (A)	0.30
Delivered Lumens (Lm)	10070
System Efficacy (Lm/W)	123.3
Correlated Color Temp (K)	5108
Color Rendering Index (CRI)	74
Horizontal Beam Angle (°)	106.0
Spacing Criteria (0-180)	1.20
BUG Rating	B3-U0-G2

Intensity Summary (Candle Power)

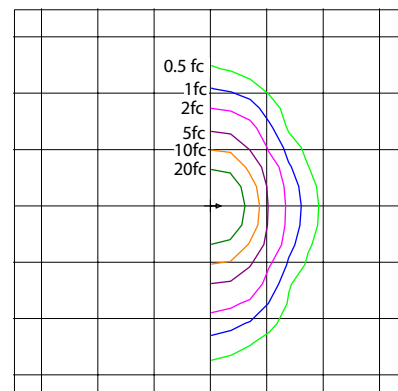
Angle	Mean CP
0	4365
5	4307
15	4205
25	4024
35	3073
45	1749
55	787
65	407
75	189
85	29
90	0

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	3510	35%
0-40	5682	56%
0-60	8919	89%
0-90	10051	100%
90-180	0	0%
0-180	10070	100%



1 - Vertical Plane Through Horizontal Angle
2 - Horizontal Cone Through Vertical Angle



10' Mounting Height (1 square = 100 sq ft)

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Performance Data

Model Number	CCT	Lumens	Watts	Lumens/Watt	BUG Rating
OWF3080MVS	3000	10507	82.6	127.2	B3-U0-G2
	4000	10679	81.9	130.4	
	5000	10700	81.7	131.0	
	5700	10754	81.5	132.0	

Recommended 0-10VDC Dimmers*

- Lutron NTSTV
- Lutron DVSTV
- Cooper SF10P
- Legrand RH4FBL3PW

*Not a complete list. Check compatibility before installation.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.