

Cygnus

Full Cut Off LED Wallpack

Product Description

The Full Cut Off Cygnus LED Wallpack features a classic, architectural style with optimal performance and efficiency. With output up to 125 lumens per watt, 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. 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
- (3) ½" knockouts for conduit feed or sensors
- Toolless, separable hinged backplate for easy installation and maintenance
- Stainless steel hardware

Optical System

- Clear injection-molded acrylic creates uniform distribution while maximizing lumen output
- Type III distribution
- Utilizes advanced LED technology with CCT of 4000K and 5000K
- CRI 80+

Electrical

- Thermally-protected, high-efficiency driver
- Operating temperature rating of -4° to 104°F (-20°C to 40°C)
- Input voltage of 120-277VAC
- Available in 50 and 80 watt
- Photocell optional
- Driver delivers full-range dimming from 0 - 10VDC on 80W

Finish

- Fine-textured, UV-stabilized powder coat bronze finish

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
- UL and CUL Listed for wet locations
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- TM-21 Reported L70(9k) life >54,000 hours
- TM-21 Projected L70(9k) life =75,000 hours

Warranty

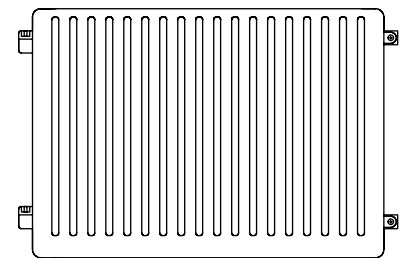
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project _____

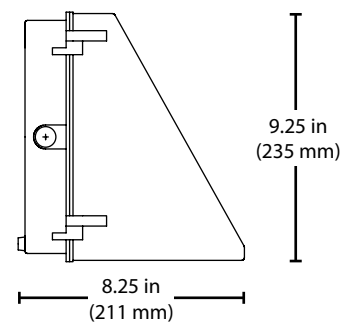
Catalog _____

Type _____

Date _____



14 in
(364 mm)



Photometric Data

OWF50 5000K

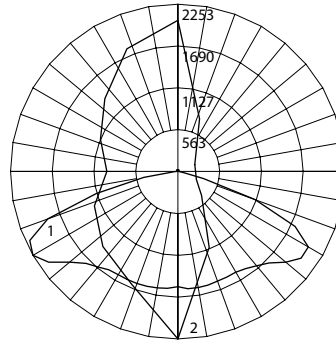
Input Voltage (VAC)	120-277
System Level Power (W)	46.4
120V Current (A)	0.39
277V Current (A)	0.17
Delivered Lumens (Lm)	5798
System Efficacy (Lm/W)	125.0
Correlated Color Temp (K)	5018
Color Rendering Index (CRI)	84
Horizontal Beam Angle	145°
Vertical Beam Angle	84.6°
Spacing Criteria	1.56

Intensity Summary (Candle Power)

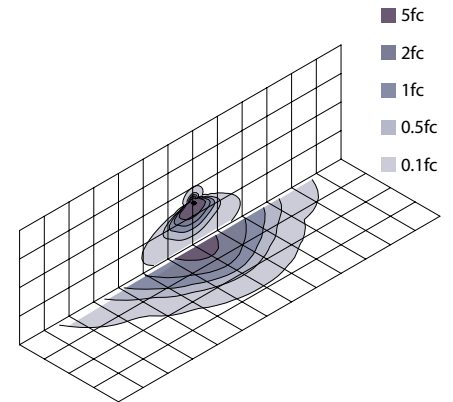
Angle	Mean CP
0	1548
5	1549
15	1536
25	1504
35	1456
45	1392
55	1225
65	782
75	338
85	49
90	6

CCT Data Multiplier

OWF1050MV40 0.976



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



Each square represents 100 square feet.

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1280	22.1%
0-40	2202	38.0%
0-60	4420	76.2%
0-90	5702	98.3%
90-180	96	1.7%
0-180	5798	100.0%

OWF80 5000K

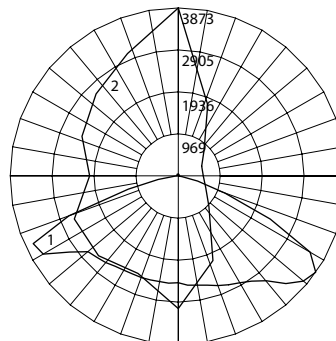
Input Voltage (VAC)	120-277
System Level Power (W)	79.6
120V Current (A)	0.67
277V Current (A)	0.29
Delivered Lumens (Lm)	9128
System Efficacy (Lm/W)	114.7
Correlated Color Temp (K)	5103
Color Rendering Index (CRI)	83
Horizontal Beam Angle	139.2°
Vertical Beam Angle	70.2°
Spacing Criteria	1.60

Intensity Summary (Candle Power)

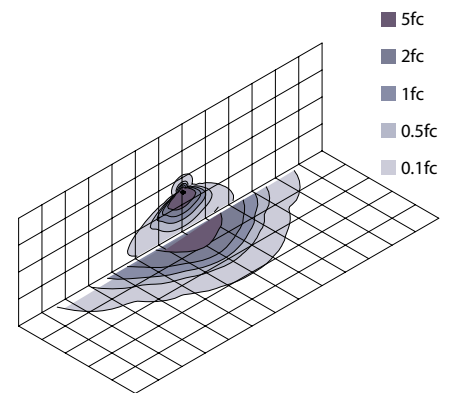
Angle	Mean CP
0	2464
5	2461
15	2480
25	2460
35	2452
45	2343
55	1934
65	1125
75	391
85	63
90	15

CCT Data Multiplier

OWF1080MV40 0.963



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



Each square represents 100 square feet.

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	2082	22.8%
0-40	3635	39.8%
0-60	7249	79.4%
0-90	8966	98.2%
90-180	162	1.8%
0-180	9128	100.0%

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	Lumens	Watts	Lumens/Watt	BUG Rating
OWF1050MV40	5656	46.4	121.9	B2-U3-G2
OWF1050MV50	5798	46.4	125.0	B2-U3-G2
OWF1080MV40	8789	79.6	110.4	B3-U3-G3
OWF1080MV50	9128	79.6	114.7	B3-U3-G3

Recommended 0-10VDC Dimmers*

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

*Not a complete list. Check compatibility before installation.

Ordering Information*Example: OWF1050MV50BZP*

Series	Version	Wattage	Voltage	CCTs	Finish	Photocell
OWF	1 (Version 1)	050 (50 W)	MV (120-277)	40 (4000 K)	BZ (Bronze)	Blank (None)
		080 (80 W)		50 (5000 K)	WH (White)	P (Photocell)

Specifications and dimensions subject to change without notice.

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 B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.