Obelus

LED Wallpack

Project

Catalog

Type

Date

Product Description

The Obelus LED Wallpack combines a simple rectangular style with top performance and efficiency. The Obelus features a single-piece, die-cast aluminum housing with a ribbed, UV- and fire-resistant lens for even light distribution. It installs easily into a 4/O J-Box and has a standard photocell. The Obelus is recommended for perimeter lighting as well as building entrances, garages, tunnels, other commercial spaces where general purpose lighting is desired.

Construction
- Single-piece, injection-molded lens
- Die-cast aluminum backplate and plastic housing
- UV- and fire-resistant lens
- Stainless steel hardware

Optical System
- High light transmittance polycarbonate
- Clear "ribbed" lens for even light distribution
- Utilizes advanced LED technology with CCT of 4000K and 5000K
- CRI 80+

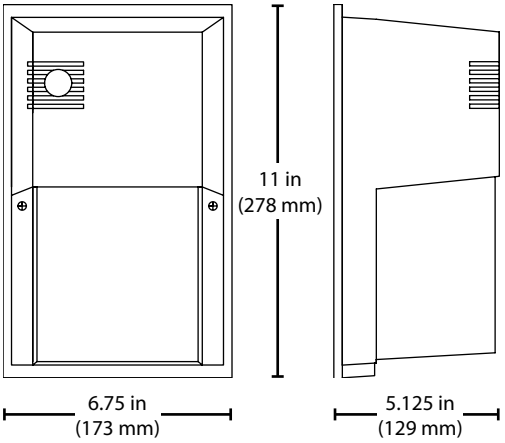
Electrical
- Thermally-protected, high-efficiency driver
- Operating temperature rating of -4° to 104°F (-20°C to 40°C)
- Input voltage of 120-277VAC
- Available in 30 watt
- Photocell standard

Finish
- Fine-textured, UV-stabilized bronze finish

Mounting and installation
- Easy installation on 4/O J-Box
- Fixture mounts directly to J-Boxes with screws
- 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 =76,000 hours

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



Photometric Data

OWR 5000K

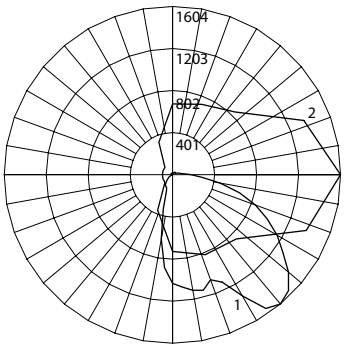
Input Voltage (VAC)	120-277
System Level Power (W)	27.9
120V Current (A)	0.24
277V Current (A)	0.11
Delivered Lumens (Lm)	3022
System Efficacy (Lm/W)	108.2
Correlated Color Temp (K)	5111
Color Rendering Index (CRI)	83
Horizontal Beam Angle	64.1°
Vertical Beam Angle	77.9°
Spacing Criteria	1.06

Intensity Summary (Candle Power)

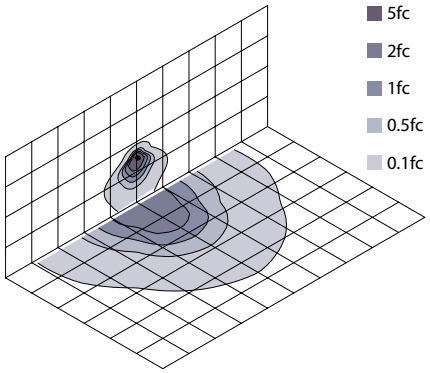
Angle	Mean CP
0	1033
5	1012
15	862
25	719
35	709
45	666
55	567
65	438
75	283
85	126
90	84

CCT Data Multiplier

OWR1030MV40	0.977



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	655	21.7%
0-40	1066	35.3%
0-60	2002	66.2%
0-90	2806	92.8%
90-180	216	7.2%
0-180	3022	100.0%

Performance Data

Model Number	Lumens	Watts	Lumens/Watt	BUG Rating
OWR1030MV40	2951	27.9	105.6	B1-U3-G2
OWR1030MV50	3022	27.9	108.2	B1-U3-G2

Ordering Information

Example: OWR1030MV50BZP

Series	Version	Wattage	Voltage	CCTs	Finish	Photocell
OWR	**1** (Version 1)	**030** (50 W)	**MV** (120-277)	☐ **40** (4000 K)	☐ **BZ** (Bronze)	**P** (Photocell)
				☐ **50** (5000 K)	☐ **WH** (White)	

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.