

OWR4

LED Wallpack

Product Description

The OWR4 LED Wallpack combines a simple rectangular style with top performance and efficiency. The OWR4 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. The OWR4 is recommended for perimeter lighting as well as building entrances, garages, tunnels, other commercial spaces where general purpose lighting is desired. The OWR4 offers selectable wattages (High/Med/Low) and selectable CCT (3000K/4000K/5000K). Factory mounted photocell standard.

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 selectable CCT of 3000K, 4000K and 5000K
- CRI 80+

Electrical

- Thermally-protected, high-efficiency driver
- Input voltage of 120-277VAC
- Full-range dimming via 0-10VDC
- AC only model operating temperature rating : -40°F to 113°F (-40°C to 45°C)
- Emergency model operating temperature rating : 32°F to 113°F (0°C to 45°C)
- 15W model with single wattage; 20W model with selectable wattages (20/15/10W)
- Emergency model integrated 3.9W emergency driver

Control

- Factory mounted photocell standard (can be disabled in field)

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

- cULus 1598 Listed for wet locations
- DLC 6.0 Premium Listed
- IP65 rated
- RoHS Compliant
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- TM-21 Reported L70 life >54,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Warranty

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

Project

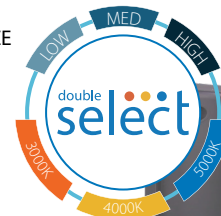
Catalog

Type

Date



OWR4015US8BZE



OWR4020SUS8BZ

OWR4 LED Wallpack Wattage Selectable CCT Selectable



Ordering

Example: OWR4015US8BZE

Ordering Information

Series	Version	Wattage	Voltage	CCTs Selectable	CRI	Finish	Emergency*
OWR	4	015 (15W)	U (120-277V)	S (3000/4000/5000K)	8	BZ (Bronze)	_ (Non EM)
		020S (20/15/10W)					E (Emergency Battery)

Specifications and dimensions subject to change without notice.

*15W: Only available with emergency option; 20W: Not available with emergency option

Performance Data

Performance Data						Performance Data				
Model Number	CCT	Lumens	Watts	Lumens/Watt	EM Lumens	Model Number	CCT	Lumens	Watts	Lumens/Watt
OWR4015US8BZE	3000	1949		132	515	OWR4020SUS8BZ	3000	1385		147
	4000	2003	14.8	135	526		4000	1440	9.4	155
	5000	1988		134	523		5000	1413		150
Recommended 0-10VDC Dimmers* Lutron NTSTV Lutron DVSTV Cooper SF10P Legrand RH4FBL3PW						OWR4020SUS8BZ	3000	2077		145
							4000	2160	14.3	153
							5000	2119		148
							3000	2724		128
							4000	2896	21.3	136
							5000	2902		136

Recommended 0-10VDC Dimmers*

Lutron NTSTV
Lutron DVSTV
Cooper SF10P
Legrand RH4FBL3PW

*Not a complete list. Check compatibility before installation.

Photometric Data

OWR4015US8BZE 3000K

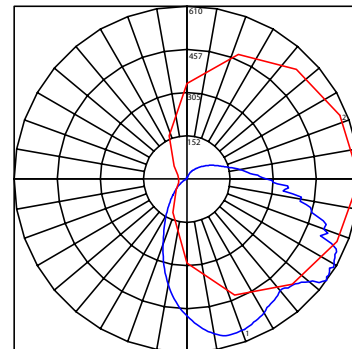
Input Voltage (VAC)	120-277
System Level Power (W)	14.8
120V Current (A)	0.12
277V Current (A)	0.05
Delivered Lumens (Lm)	1949
System Efficacy (Lm/W)	132
Correlated Color Temp (K)	2999
Color Rendering Index (CRI)	82
Horizontal Beam Angle (°)	125
Vertical Beam Angle (°)	92
Spacing Criteria (0-180)	1.80
Spacing Criteria (90-270)	1.22
BUG Rating	B1-U3-G1

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	438	22%
0-40	707	36%
0-60	1302	67%
0-90	1846	95%
90-180	103	5%
0-180	1949	100%

CCT Data Multiplier

3000K	1.0
4000K	1.06
5000K	1.02



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

OWR4020SUS8BZ 3000K

Input Voltage (VAC)	120-277
System Level Power (W)	19.7
120V Current (A)	0.16
277V Current (A)	0.07
Delivered Lumens (Lm)	2729
System Efficacy (Lm/W)	128
Correlated Color Temp (K)	3033
Color Rendering Index (CRI)	82
Horizontal Beam Angle (°)	111
Vertical Beam Angle (°)	103
Spacing Criteria (0-180)	1.36
Spacing Criteria (90-270)	1.20
BUG Rating	B1-U3-G2

Zonal Lumen Summary

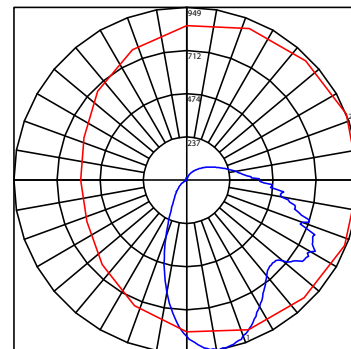
Zone	Lumens	% of Luminaire
0-30	587	22%
0-40	886	32%
0-60	1562	67%
0-90	2391	88%
90-180	338	12%
0-180	2729	100%

CCT Data Multiplier

3000K	1.0
4000K	1.04
5000K	1.02

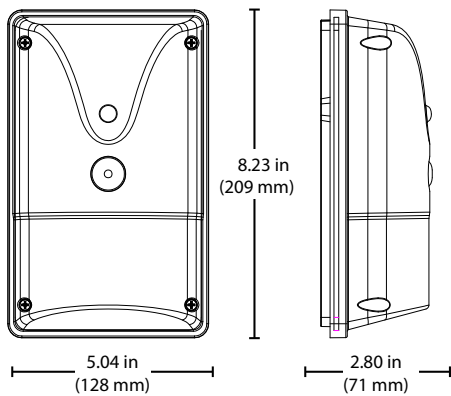
Wattage Multiplier

15	0.75
10	0.50

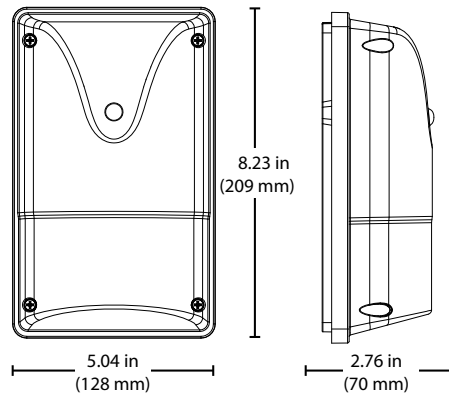


1 - Vertical Plane Through Horizontal Angle
2 - Horizontal Cone Through Vertical Angle

Dimensions



OWR4015US8BZE



OWR4020SUS8BZ

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 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.