

# OWF4

## Full Cut Off LED Wall Pack

### Product Description

Introducing the OWF4 Full Cut Off LED Wallpack – a cutting-edge lighting solution that seamlessly combines classic architectural style with enhanced performance and a sleek new slim factor. Designed to minimize visual obstruction, the slim profile ensures a spacious and open atmosphere for buildings or outdoor areas. Boasting an impressive output of up to 131 lumens per watt, the OWF4 provides uniform light distribution and reduced glare through its Type III distribution precision lens. Installation is a breeze with the separable hinged backplate, allowing easy mounting on walls or directly to a J-Box. With three knockouts for through-wiring or sensor additions, flexibility is key. The Double Select models feature an internal switch for CCT adjustment (3000K, 4000K, 5000K) and Wattage control (low, med, high). Ideal for perimeter lighting, building entrances, walkways, and various commercial spaces, the OWF4 sets a new standard for versatile, high-performance general-purpose lighting solutions.

#### 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
- CCT Selectable models use a dual emitter array that enables CCT selection of 3000K, 4000K, 5000K
- >70 CRI to improve safety and color definition in public places.

#### Electrical

- Thermally-protected, high-efficiency driver
- Input voltage of 120-277VAC, 50/60Hz
- Power Factor = >0.9
- THD = ≤20%
- 0-10V dimming
- Selectable Wattage (80W, 60W, 40W)
- Optional sensor socket installation available
- Operating temperature rating of -40F° to 122°F (-40°C to 50°C)
- Emergency Option at operating temperature of (0°C to 45°C)
- Optional internal emergency back-up

#### Controls

- An integral photocell is standard, with the ability to enabled it if desired.

#### 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 >51,000 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



## OWF4 Full Cut Off LED Wall Pack Selectable Wattage Selectable CCT



# Ordering

## Ordering Information

Example: OWF4080SMVSBZS

Series	Version	Wattage	Voltage	CCTs-Select	Finish	Sensor Socket	Emergency
OWF	4	080S (80/60/40W)	MV (120-277V)	S (3/4/5K)	BZ (Bronze)	_ (None)	_ (None)
						S (12V 3.5mm Socket)	E08 (8W EM back-up)

Specifications and dimensions subject to change without notice.

## Motion Sensors - Accessories

Low Voltage Bronze Adjustable Arm	H12V3ADJARM1PBG
Microwave Motion Sensor Bronze	H12V3SENSORMW1PBG
Remote Control for H12V Sensors	H12V2REMOTE



H12V3ADJARM1PBG



H12V3SENSORMW1PBG

### Recommended 0-10VDC Dimmers\*

Lutron NTSTV  
Lutron DVSTV  
Cooper SF10P  
Legrand RH4FBL3PW

\*Not a complete list. Check compatibility before installation.

Both arm and sensor must be purchased in order to have sensor face the proper direction.

## Performance Data

### Performance Data

Wattage	CCT	Lumens	Watts	Lumens/Watt	BUG Rating
<b>OWF4080S</b> (High; 80W)	3000	10473		121	
	4000	11116	86.2	129	B3-U0-G3
	5000	11294		131	
<b>OWF4080S</b> (Medium; 60W)	3000	7855		121	
	4000	8337	64.7	129	B3-U0-G3
	5000	8471		131	
<b>OWF4080S</b> (Low; 40W)	3000	5237		121	
	4000	5558	43.1	129	B2-U0-G2
	5000	5647		131	

## Photometric Data

### OWF4080S - 80W - 5000K

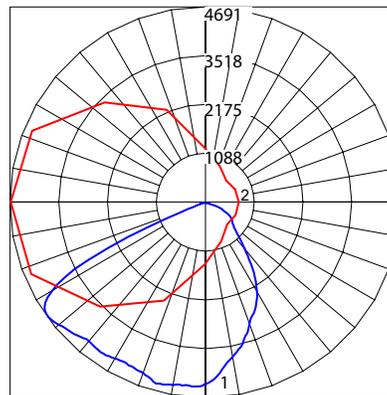
Input Voltage (VAC)	120-277
System Level Power (W)	87.42
120V Current (A)	0.730
277V Current (A)	0.335
Delivered Lumens (Lm)	11294
System Efficacy (Lm/W)	129.2
Correlated Color Temp (K)	5041
Color Rendering Index (CRI)	73
Beam Angle (0)	98.0
Beam Angle (90)	128.2
Spacing Criteria (0)	0.92
Spacing Criteria (90)	1.20
BUG rating	B3-U0-G3

### Intensity Summary (Candle Power)

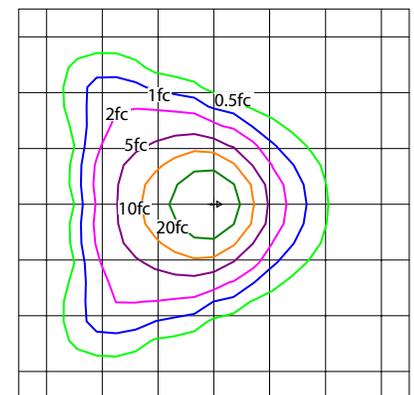
Angle	Mean CP
0	4389
5	4175
15	3596
25	2920
35	2171
45	1210
55	777
65	564
75	246
85	61
90	0

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	3267	28.9%
0-40	5265	46.6%
0-60	9167	81.2%
0-90	11294	100%
90-180	0	0%
0-180	11294	100%



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



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

### Data Multiplier

	3000K	4000K	5000K
80W	0.927	0.984	1.000
60W	0.696	0.738	0.750
40W	0.464	0.492	0.500

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

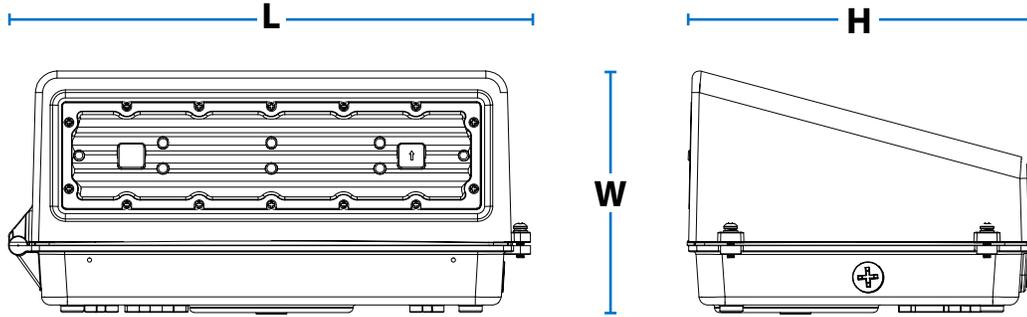
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## Dimensions

Dimensions			
Series	Length (L)	Width (W)	Height (H)
OWF480S	14.21 in (361 mm)	6.57 in (167mm)	9.29 in (236mm)



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.