

OWP2

Full Cut Off LED Wall Pack

Product Description

The Full Cut-Off LED Wall Pack features a modern, architectural style with optimal performance. With an output up to 15,500 lumens, the OWP delivers tailored light distribution with available Type II, III, or IV precision lenses. It is easy to install on walls or directly on a J-Box with its included mounting bracket and it has two knockouts for through-wiring. Easily accessible switches offers the ability to adjust the CCT and wattage. The OWP 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
- Two (2) ½" knockouts for conduit feed or sensors
- 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 II, III, or IV distribution
- Uses a dual emitter array that enables CCT selection of 3000K, 4000K, 5000K
- >80 CRI to improve safety and color definition in public places.

Electrical

- Thermally-protected, high-efficiency driver
- Input voltage of 120-277VAC
- Selectable Wattage (60/48/36) or (100/80/60W)
- Power Factor = >0.9
- THD = ≤20%
- Operating temperature rating of -40° to 113°F (-40°C to 45°C)

Controls

- Integral photocell is standard, with the ability to enabled/disable if desired.
- Driver delivers full-range dimming from 0 - 10VDC

Mounting and installation

- Mounts to surface using supplied mounting plate
- Wiring possible through backplate or knockouts
- 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
- IP65 Rated
- DLC 5.1 Premium Listed (Sensor socket versions of the product are not DLC listed)
- 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, L90(9k) life >54,000 hours
- LM-79,LM-80 testing performed in accordance with IESNA standards

Warranty

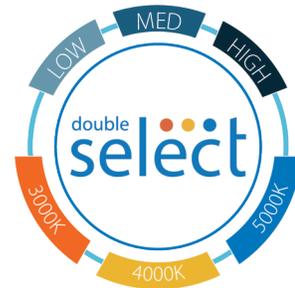
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

Date



OWP2
Full Cut Off LED Wall Pack
60/48/36W
100/80/60W



OWP2

Full Cut Off LED Wall Pack

Ordering Information										Example: OWP2060SUS8BZ3
Series	Version	Wattage	Voltage	CCTs	CRI	Finish	Optic	Sensor Socket	Emergency	
OWP	2	060S (60/48/36W)	U (120-277)	S (Select 30/40/50K)	8 (>80)	BZ (Bronze)	3 (Type III)	___ (none)	___ (none)	
		100S (100/80/60W)					2 (Type II)	S (Socket) ¹	E (9W Pack) ²	
							4 (Type IV)			

Specifications and dimensions subject to change without notice.

1: Sensor socket versions of the product are not DLC listed.

2: Internal 9W EM for 60W fixture only. 100W fixture will need remote 8W EM kit.

EM for OWP2100S

8W EM Mounting Kit

EMO1080WRVBZ

Motion Sensor Accessories (see specsheet for full information)

Microwave Motion Sensor - Brown Gray

H12V3SENSORMW1PBG

Remote Control for Sensors

H12V2REMOTE

Adjustable Socket Arm - Brown Gray

H12V3ADJARM1PBG

Performance Data

Performance Data							Type II Optic				Type III Optic			
Model	Watts Setting	CCT	Wattage	Lumens	Efficiency	BUG Rating	Wattage	Lumens	Efficiency	BUG Rating				
OWP2060	36	3000	36.1	5419	150.1	B2-U0-G1	35.8	5445	152.1	B2-U0-G2				
		4000	35.0	5714	163.3		34.9	5780	165.6					
		5000	36.0	5700	158.3		35.7	5672	158.9					
	48	3000	48.0	6999	145.8	B2-U0-G1	48.1	7055	146.7	B2-U0-G3				
		4000	46.5	7487	161.0		46.5	7536	162.1					
		5000	48.3	7468	154.6		48.3	7384	152.9					
	60	3000	60.6	8534	140.8	B2-U0-G2	60.3	8509	141.1	B2-U0-G3				
		4000	58.7	9264	157.8		58.0	9179	158.3					
		5000	60.1	9094	151.3		61.0	8974	147.1					
OWP2100	60	3000	61.7	9546	154.7	B3-U0-G2	59.8	9113	152.4	B2-U0-G2				
		4000	59.2	9890	167.1		57.6	9694	168.3					
		5000	61.5	9774	158.9		59.0	9495	160.9					
	80	3000	79.8	11918	149.3	B3-U0-G2	81.6	12045	147.6	B3-U0-G3				
		4000	76.4	12556	164.3		77.0	12650	164.3					
		5000	81.0	12249	151.2		79.6	12286	154.3					
	100	3000	98.1	14829	151.2	B3-U0-G3	100.6	14167	140.8	B3-U0-G3				
		4000	94.4	15886	168.3		95.2	15377	161.5					
		5000	98.8	15319	155.1		101.3	15022	148.3					

Performance Data							Type IV Optic			
Model	Watts Setting	CCT	Wattage	Lumens	Efficiency	BUG Rating				
OWP2060	36	3000	35.9	5335	148.6	B2-U0-G1				
		4000	35.2	5660	160.8					
		5000	36.0	5653	157.0					
	48	3000	47.8	6918	144.7	B2-U0-G1				
		4000	46.3	7387	159.5					
		5000	48.0	7371	153.6					
	60	3000	60.9	8549	140.4	B2-U0-G2				
		4000	58.3	9141	156.8					
		5000	60.6	8978	148.1					
OWP2100	60	3000	60.8	9355	153.9	B2-U0-G2				
		4000	58.6	9769	166.7					
		5000	61.1	9684	158.5					
	80	3000	79.0	11701	148.1	B3-U0-G2				
		4000	77.1	12493	162.0					
		5000	80.6	12187	151.2					
	100	3000	99.7	14187	142.3	B3-U0-G3				
		4000	95.9	15213	158.6					
		5000	101.8	14802	145.4					



OWP2

Full Cut Off LED Wall Pack

Photometric Data

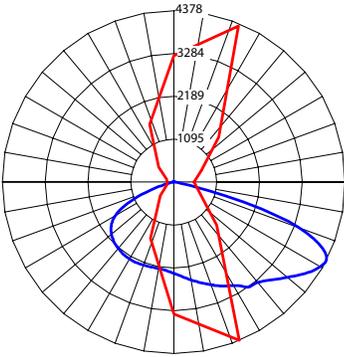
OWP2060 5000K Type II	
Input Voltage (VAC)	120-277
System Level Power (W)	60.1
Delivered Lumens (Lm)	9094
System Efficacy (Lm/W)	151.3
Correlated Color Temp (K)	4952
Color Rendering Index (CRI)	81
Beam Angle (0)	137.2
Beam Angle (90)	82.0
Beam Type	7Hx6V
Spacing Criteria (0)	1.70
Spacing Criteria (90)	1.84
BUG Rating	B2-U0-G2

Intensity Summary (Candle Power)		
Angle	Mean CP	
0	2331	
5	2309	
15	2623	
25	2806	
35	2835	
45	2788	
55	2426	
65	1001	
75	123	
85	80	
90	45	

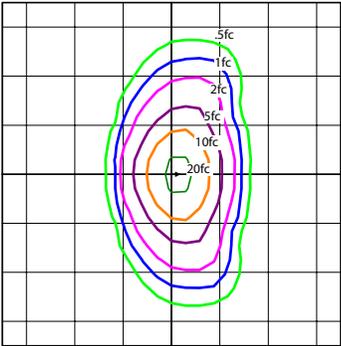
Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	2028	22.3%
0-40	3556	39.1%
0-60	7177	78.9%
0-90	9094	100%
90-180	0	0%
0-180	9094	100%

Data Multiplier			
	3000K	4000K	5000K
36W	0.596	0.628	0.627
48W	0.770	0.823	0.821
60W	0.938	1.019	1.000

OWP2060 60W 5000K Type II



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



10' Mounting Height (1 square = 144 sq ft)

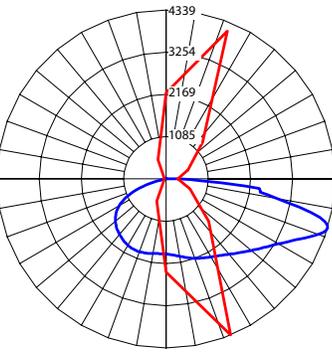
OWP2060 5000K Type III	
Input Voltage (VAC)	120-277
System Level Power (W)	61.0
Delivered Lumens (Lm)	8974
System Efficacy (Lm/W)	147.1
Correlated Color Temp (K)	5054
Color Rendering Index (CRI)	81
Beam Angle (0)	148.3
Beam Angle (90)	89.3
Beam Type	7Hx7V
Spacing Criteria (0)	1.72
Spacing Criteria (90)	1.70
BUG Rating	B2-U0-G3

Intensity Summary (Candle Power)		
Angle	Mean CP	
0	1927	
5	1909	
15	1937	
25	2055	
35	2173	
45	2206	
55	2081	
65	1812	
75	970	
85	126	
90	71	

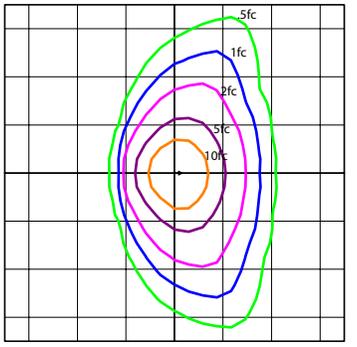
Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	1683	18.8%
0-40	2955	32.9%
0-60	6036	67.3%
0-90	8974	100%
90-180	0	0%
0-180	8974	100%

Data Multiplier			
	3000K	4000K	5000K
36W	0.607	0.644	0.632
48W	0.786	0.840	0.823
60W	0.948	1.023	1.000

OWP2060 60W 5000K Type III



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



10' Mounting Height (1 square = 144 sq ft)



OWP2

Full Cut Off LED Wall Pack

Photometric Data

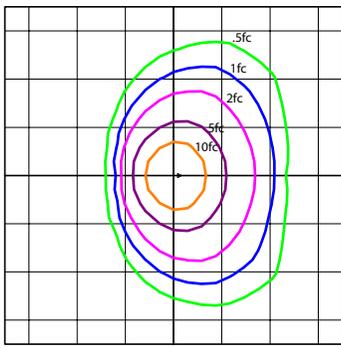
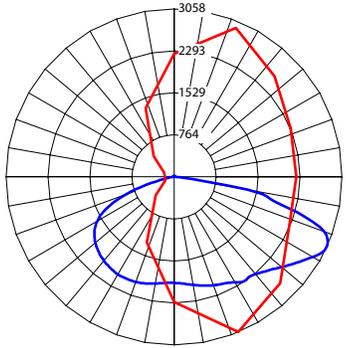
OWP2060 5000K Type IV

Input Voltage (VAC)	120-277
System Level Power (W)	60.6
Delivered Lumens (Lm)	8978
System Efficacy (Lm/W)	148.2
Correlated Color Temp (K)	4997
Color Rendering Index (CRI)	81
Beam Angle (0)	145.3
Beam Angle (90)	103.6
Beam Type	7Hx7V
Spacing Criteria (0)	1.62
Spacing Criteria (90)	1.68
BUG Rating	B2-U0-G2

Intensity Summary (Candle Power)

Angle	Mean CP
0	1949
5	1930
15	1955
25	2026
35	2092
45	2120
55	2195
65	2327
75	1990
85	130
90	60

OWP2060 60W 5000K Type IV



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

10' Mounting Height (1 square = 144 sq ft)

Data Multiplier

	3000K	4000K	5000K
36W	0.594	0.630	0.630
48W	0.771	0.823	0.821
60W	0.952	1.018	1.000

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1702	19%
0-40	2989	33.3%
0-60	6192	69%
0-90	8978	100%
90-180	0	0%
0-180	8978	100%

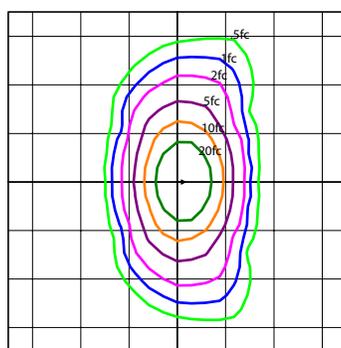
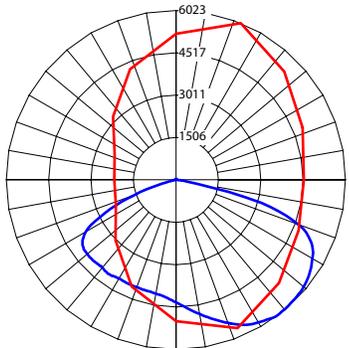
OWP2100 5000K Type II

Input Voltage (VAC)	120-277
System Level Power (W)	101.3
Delivered Lumens (Lm)	15319
System Efficacy (Lm/W)	151.2
Correlated Color Temp (K)	5023
Color Rendering Index (CRI)	81
Beam Angle (0)	140.9
Beam Angle (90)	85.3
Beam Type	7Hx6V
Spacing Criteria (0)	1.58
Spacing Criteria (90)	1.80
BUG Rating	B3-U0-G3

Intensity Summary (Candle Power)

Angle	Mean CP
0	4163
5	4313
15	5112
25	5457
35	5212
45	4614
55	3633
65	1450
75	250
85	131
90	75

OWP2100 100W 5000K Type II



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

10' Mounting Height (1 square = 144 sq ft)

Data Multiplier

	3000K	4000K	5000K
60W	0.366	0.364	0.373
80W	0.591	0.596	0.616
100W	.0975	1.090	1.000

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	3771	24.6%
0-40	6450	42.1%
0-60	12345	80.6%
0-90	15319	100%
90-180	0	0%
0-180	15319	100%



OWP2

Full Cut Off LED Wall Pack

Photometric Data

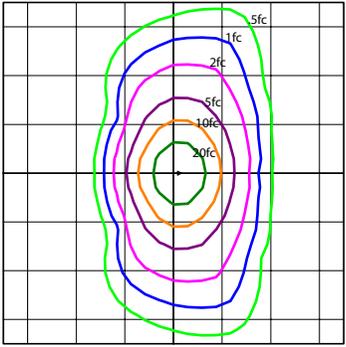
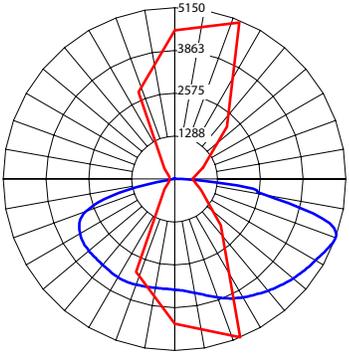
OWP2100 5000K Type III

Input Voltage (VAC)	120-277
System Level Power (W)	101.3
Delivered Lumens (Lm)	15022
System Efficacy (Lm/W)	148.3
Correlated ColorTemp (K)	4987
Color Rendering Index (CRI)	81
Beam Angle (0)	155.2
Beam Angle (90)	117.3
Beam Type	7Hx7V
Spacing Criteria (0)	1.80
Spacing Criteria (90)	1.80
BUG Rating	B3-U0-G3

Intensity Summary (Candle Power)

Angle	Mean CP
0	3141
5	3290
15	3514
25	3923
35	4185
45	4117
55	3619
65	2655
75	914
85	187
90	102

OWP2100 100W 5000K Type III



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

10' Mounting Height (1 square = 144 sq ft)

Data Multiplier

	3000K	4000K	5000K
60W	0.607	0.645	0.632
80W	0.802	0.842	0.818
100W	0.943	1.024	1.000

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	2934	19.5%
0-40	5169	34.4%
0-60	10548	70.2%
0-90	15022	100%
90-180	0	0%
0-180	15022	100%

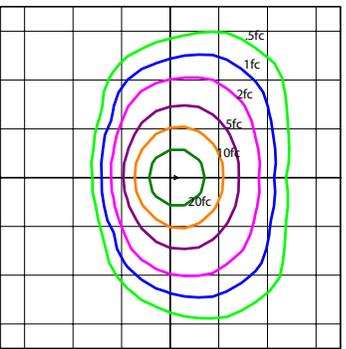
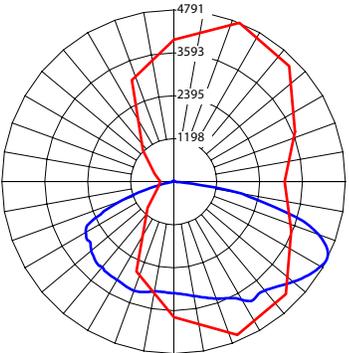
OWP2100 5000K Type IV

Input Voltage (VAC)	120-277
System Level Power (W)	101.8
Delivered Lumens (Lm)	14802
System Efficacy (Lm/W)	145.4
Correlated ColorTemp (K)	5086
Color Rendering Index (CRI)	81
Beam Angle (0)	155.2
Beam Angle (90)	117.3
Beam Type	7Hx7V
Spacing Criteria (0)	2.06
Spacing Criteria (90)	1.74
BUG Rating	B3-U0-G3

Intensity Summary (Candle Power)

Angle	Mean CP
0	3083
5	3145
15	3411
25	3908
35	4242
45	4607
55	4464
65	3323
75	760
85	92
95	25

OWP2100 100W 5000K Type IV



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

10' Mounting Height (1 square = 144 sq ft)

Data Multiplier

	3000K	4000K	5000K
60W	0.632	0.660	0.654
80W	0.790	0.844	0.823
100W	0.956	1.028	1.000

Zonal Lumen Summary

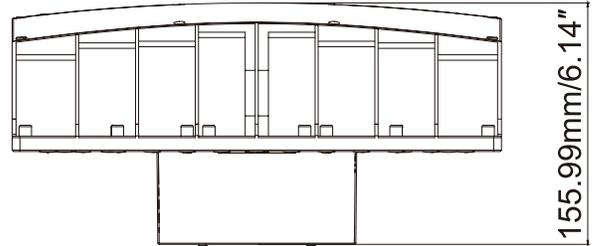
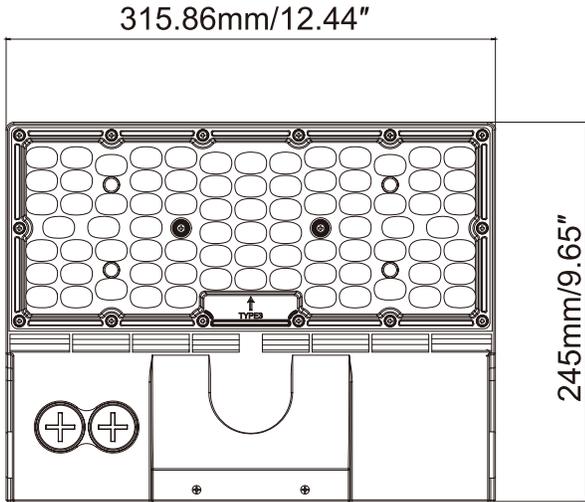
Zone	Lumens	% of Luminaire
0-30	2798	18.9%
0-40	4992	33.7%
0-60	10621	71.8%
0-90	14802	100%
90-180	0	0%
0-180	14802	100%



OWP2

Full Cut Off LED Wall Pack

Dimensions



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.