

OWP-FC-116-LED

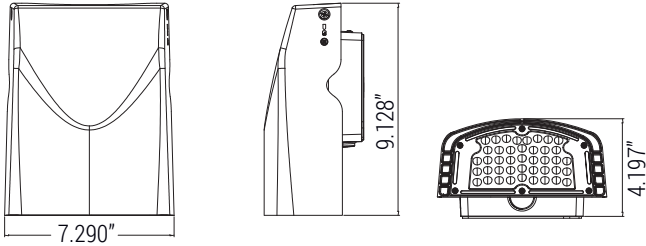
LED Slimline Full Cut-Off Wall Pack Series

up to 40 Wattage / up to 5000 Lumens

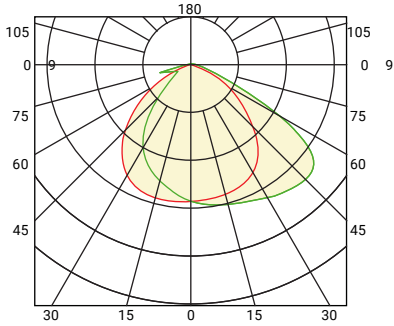
Catalog Number:	
Project Name:	
Note:	Type:



DIMENSION:



PHOTOMETRIC:



APPLICATIONS:

Slim wall pack is available for a variety of applications including building perimeter, entrances, stairways and security lighting. OWP series of luminaires provides a low-profile architectural style with the power of bright, energy efficient LEDs. It has a rugged aluminum construction with multi-mount capabilities. 0° to +90° tilt adjustments. For a building that has a modern or futuristic look.

FEATURES:

Construction

Sealed die-casting profile for outdoor applications. Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

Optics

Light engines are available in standard 4000K and 5000K (70 CRI) configurations. Scalable Lumen Packages from 3,500 to 5000 Lumens. Tempered UV coated flat lens provide outstanding performance, uniformity and glare control.

Electrical

Standard drivers feature electronic universal voltage (120-277V 50/60Hz) operation. Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments.

Lifespan

Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

Five-year warranty.

Applications

Security, pathway and perimeter lighting, Building entryways and walkways.

SPECIFICATIONS:

LUMENS	3500 / 5000 lumens
WATTAGE	27W / 40W
CCT	30K, 40K, 50K
CRI	70
DIMMING	0-10V Dimming
LIGHT EFFICIENCY	up to 129 lm/W
VOLTAGE	120-277 VAC
POWER FREQUENCY	50/60 Hz
FINISH	Bronze, Black, White
APPLICABLE ENVIRONMENT	Dry/Damp/Wet location
WORKING TEMPERATURE	-40°C to 40°C

Ordering Guide > Example: **OWP-FC-116-LED-5000L-MVOLT-40K-BZ**

OWP-FC-116-LED						
SERIES	PERFORMANCE	DIMMING	VOLTAGE	CCT	FINISH	ACCESSORIES
OWP-FC-116-LED	3500L - 3500 lumens 5000L - 5000 lumens	DIM10 - 0-10V dimming	MVOLT - 120/277V	30K - 3000K 40K - 4000K 50K - 5000K	BZ - Bronze BK - Black WH - White	WPPHC - Photocell



Submittal form is available @ www.iuseelite.com
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions subject to change without notice.

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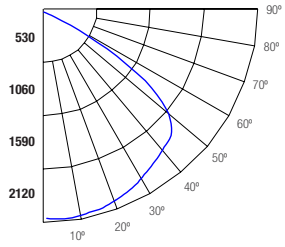
OWP-FC-116-LED-3500L-DIM10-MVOLT-40K-BK

INPUT WATTS: 27 LUMENS: 3708 CRI: N/A EFFICACY: 136 CCT: 4000K

TEST NO.: EL05082054

SPACING CRITERIA: 1.18

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	748.75	20.2	20.2
0-30	1530.51	41.3	41.3
0-40	2357.65	63.6	63.6
0-60	3583.1	96.6	96.6
0-80	3706.29	100	100
0-90	3706.31	100	100

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	872858	873424	461940
55	756904	807792	276445
65	26008	108065	39607
75	1085	965	1931
85	118	79	79

Lumens Per Zone

Zone	Lumens
0-10	197.5
10-20	551.25
20-30	781.76
30-40	827.14
40-50	727.06
50-60	498.38
60-70	113.41
70-80	9.78
80-90	0.02

Candela Tabulation

0	
0.0	2100.02
5.0	2118.9
15.0	2067.98
25.0	1958.54
35.0	1829.17
45.0	1803.08
55.0	1268.29
65.0	32.11
75.0	0.82
85.0	0.03
90.0	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90	
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80	
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	72	71	
4	90	80	73	67	88	79	72	67	76	71	66	74	69	65	72	68	64	63	
5	84	73	65	60	82	72	65	59	70	64	59	68	62	58	66	61	58	56	
6	78	66	59	53	76	66	58	53	64	57	53	62	57	52	61	56	52	50	
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45	
8	68	56	49	43	67	55	48	43	54	48	43	53	47	43	52	47	43	41	
9	64	52	44	40	63	51	44	39	50	44	39	49	43	39	48	43	39	37	
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34	

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

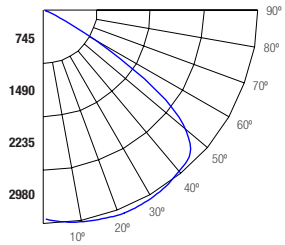
OWP-FC-116-LED-5000L-DIM10-MVOLT-40K-BK

INPUT WATTS: 40 LUMENS: 5231 CRI: N/A EFFICACY: 131 CCT: 4000K

TEST NO.: EL05082054

SPACING CRITERIA: 1.22

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1047.41	20	20
0-30	2173.63	41.6	41.6
0-40	3386.57	64.8	64.7
0-60	5083.15	97.2	97.2
0-80	5228.5	100	100
0-90	5228.56	100	100

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1359705	1342335	670594
55	778054	975795	366597
65	40531	92044	61266
75	1468	1719	3439
85	118	118	118

Lumens Per Zone

Zone	Lumens
0-10	271.74
10-20	775.66
20-30	1126.23
30-40	1212.94
40-50	1066.02
50-60	630.56
60-70	129.93
70-80	15.42
80-90	0.06

Candela Tabulation

0	
0.0	2863.71
5.0	2908.61
15.0	2928.39
25.0	2911.09
35.0	2897.95
45.0	2808.77
55.0	1303.73
65.0	50.04
75.0	1.11
85.0	0.03
90.0	0.03

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	112	108	105	103	109	106	104	101	102	100	98	98	97	95	95	93	92	90	
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80	
3	97	89	82	77	95	87	81	77	84	79	75	82	78	74	79	76	73	71	
4	90	80	73	68	88	79	73	67	77	71	67	75	70	66	73	68	65	63	
5	84	73	66	60	82	72	65	60	70	64	59	68	63	59	67	62	58	56	
6	78	67	59	54	76	66	59	54	64	58	53	63	57	53	61	56	52	51	
7	73	61	54	48	71	61	53	48	59	53	48	58	52	48	56	51	47	46	
8	68	56	49	44	67	56	49	44	55	48	43	53	48	43	52	47	43	41	
9	64	52	45	40	63	52	45	40	51	44	40	50	44	39	49	43	39	38	
10	60	48	41	37	59	48	41	37	47	41	36	46	40	36	45	40	36	35	

RC - Ceiling Cavity Reflectance RW - Wall Reflectance