

OWP-FC-116-LED

LED Slimline Full Cut-Off Wall Pack Series

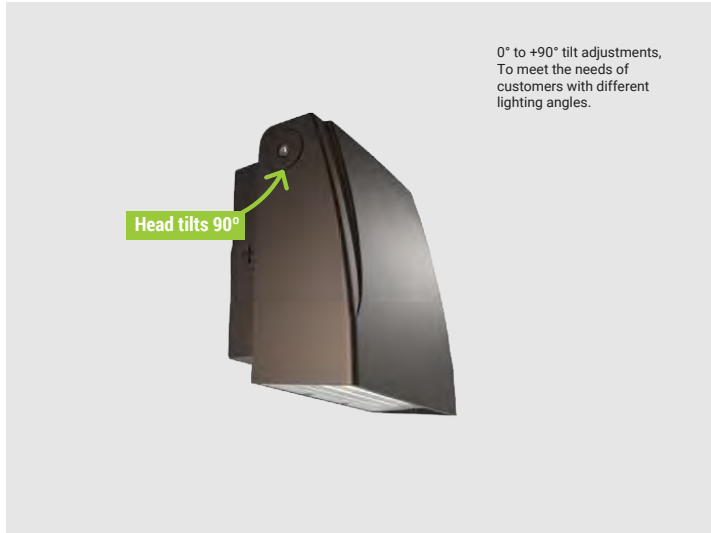
Catalog Number:

Project Name:

Note:

Type:

up to 30 Wattage / up to 4000 Lumens



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 power of bright, energy efficient LEDs, Its 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

CCT Selectable 3000K/4000K/5000K.
Lumen Packages from 1500/2800/4000 Selectable Lumen output.
No UV or IR in the beam
Instant start, NO flickering, NO humming.

Electrical

Voltage (120-347V 50/60Hz)
Greater than 0.9 powerfactor, less than 20%harmonic distortion, and is suitable for operation in -40°C to 50°C ambient environments.

Lifespan

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

Warranty

Five-year warranty.

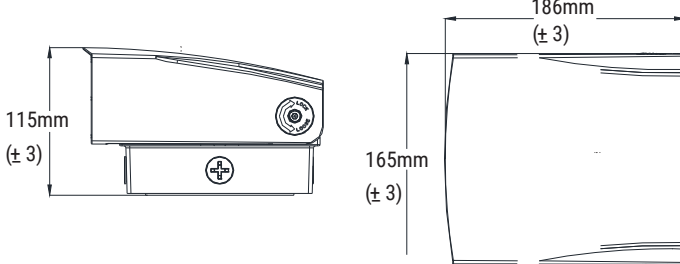
Applications

Security, pathway and perimeterlighting, Building entryways and walkways.



EASY 3 COLORS
SELECTOR
3000K • 4000K • 5000K

DIMENSION:



SPECIFICATIONS:

LUMENS	1500/2800/4000 lumens
WATTAGE	10W / 20W /30W
CCT	30K/40K/50K
CRI	70
DIMMING	0-10V Dimming
LIGHT EFFICIENCY	up to 135 lm/W
VOLTAGE	120-347 VAC
POWER FREQUENCY	50/60 Hz
FINISH	Bronze, Black
APPLICABLE ENVIRONMENT	Dry/Damp/Wet location
WORKING TEMPERATURE	-40°C to 50°C(-40°F to 122°F)



Ordering Guide > Example: OWP-FC-116-LED-1500L/2800L/4000L-DIM10-120-347V-30K/40K/50K-BZ

OWP-FC-116-LED						
SERIES	PERFORMANCE	DIMMING	VOLTAGE	CCT	FINISH	ACCESSORIES
OWP-FC-116-LED	1500L/2800L/4000L	DIM10 - 0-10V dimming	120-347V	30K/40K/50K	BZ - Bronze BK - Black	PHC - Photocell MS - Motion Sensor



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

Specifications and Dimensions subject to change without notice.

Issued-Rev.03-13-23

OWP-FC-116-LED

LED Slimline Full Cut-Off Wall Pack Series

OWP-FC-116-LED-1500L-2800L-4000L-DIM10-MVOLT-30K-40K-50K(1500L)

TEST NO.: **EL02242364**

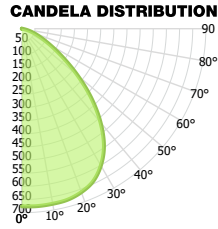
INPUT WATTS: **10.1**

LUMENS: **1427**

EFFICACY: **141**

BEAM ANGLE: **76**

SPACING CRITERIA: **1.29**



CANDELA TABLE

	0°	90°
0°	676	696
10°	676	687
20°	662	660
30°	601	610
40°	466	536
50°	278	421
60°	126	260
70°	49	114
80°	4	32
90°	0	1

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	29098	29969
45.00°	22803	29597
55.00°	14340	25821
65.00°	8194	18319
75.00°	3953	11004
85.00°	84	4708

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	68
10° - 20°	182
20° - 30°	266
30° - 40°	293
40° - 50°	261
50° - 60°	184
60° - 70°	103
70° - 80°	44
80° - 90°	9

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	250	18%
0° - 30°	516	36%
0° - 40°	809	57%
0° - 60°	1254	88%
0° - 80°	1400	98%
0° - 90°	1409	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	18.8 fc	9.7 ft	16.4 ft
8.0 ft	10.6 fc	13.0 ft	21.8 ft
10.0 ft	6.8 fc	16.2 ft	27.3 ft
12.0 ft	4.7 fc	19.5 ft	32.8 ft
14.0 ft	3.4 fc	22.7 ft	38.2 ft
16.0 ft	2.6 fc	25.9 ft	43.7 ft
18.0 ft	2.1 fc	29.2 ft	49.1 ft
20.0 ft	1.7 fc	32.4 ft	54.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pc	pw	20%																0%		
		80%				70%				50%				30%				10%		0%
70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	101	99	0%
1	110	106	103	100	108	104	101	98	100	97	95	96	94	92	92	90	89	87	75	0%
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	80	77	75	65	0%
3	94	85	78	72	92	83	77	71	80	75	70	77	73	69	75	71	67	65	57	0%
4	87	76	68	63	85	75	68	62	72	66	61	70	65	60	68	63	59	57	51	0%
5	80	69	61	55	78	68	60	55	66	59	54	64	58	53	62	57	53	51	45	0%
6	75	63	55	49	73	62	54	48	60	53	48	58	52	47	57	51	47	45	40	0%
7	70	57	49	44	68	56	49	43	55	48	43	53	47	43	52	47	42	40	37	0%
8	65	53	45	39	64	52	44	39	51	44	39	49	43	39	48	43	38	37	33	0%
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33	30	0%
10	57	45	38	33	56	45	37	33	43	37	32	43	36	32	42	36	32	30	27	0%

OWP-FC-116-LED-1500L-2800L-4000L-DIM10-MVOLT-30K-40K-50K(2800L)

TEST NO.: **EL02242364**

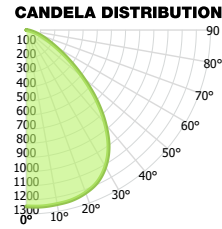
INPUT WATTS: **19.3**

LUMENS: **2621**

EFFICACY: **136**

BEAM ANGLE: **77**

SPACING CRITERIA: **1.29**



CANDELA TABLE

	0°	90°
0°	1246	1248
10°	1249	1233
20°	1222	1183
30°	1115	1094
40°	866	958
50°	520	754
60°	239	451
70°	95	195
80°	9	56
90°	0	1

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	53649	53733
45.00°	42557	53427
55.00°	27226	45553
65.00°	15643	31454
75.00°	7488	18815
85.00°	163	9011

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	125
10° - 20°	333
20° - 30°	486
30° - 40°	535
40° - 50°	479
50° - 60°	341
60° - 70°	191
70° - 80°	81
80° - 90°	17

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	458	17%
0° - 30°	944	36%
0° - 40°	1480	56%
0° - 60°	2300	88%
0° - 80°	2572	98%
0° - 90°	2589	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	34.6 fc	10.0 ft	16.4 ft
8.0 ft	19.5 fc	13.3 ft	21.9 ft
10.0 ft	12.5 fc	16.6 ft	27.4 ft
12.0 ft	8.7 fc	19.9 ft	32.8 ft
14.0 ft	6.4 fc	23.2 ft	38.3 ft
16.0 ft	4.9 fc	26.5 ft	43.8 ft
18.0 ft	3.8 fc	29.9 ft	49.3 ft
20.0 ft	3.1 fc	33.2 ft	54.7 ft

INDOOR COEFFICIENTS OF UTILIZATION

pc	pw	20%																0%		
		80%				70%				50%				30%				10%		0%
70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	101	99	0%
1	110	106	103	100	108	104	101	98	100	97	95	96	93	92	92	90	89	87	75	0%
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75	65	0%
3	94	85	78	72	92	83	77	71	80	74	70	77	72	69	75	71	67	65	57	0%
4	87	76	68	62	85	75	68	62	72	66	61	70	64	60	68	63	59	57	51	0%
5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	52	50	45	0%
6	75	63	54	49	73	62	54	48	60	53	48	58	52	47	56	51	47	45	40	0%
7	70	57	49	44	68	56	49	43	55	48	43	53	47	43	52	46	42	40	37	0%
8	65	53	45	39	64	52	44	39	50	44	39	49	43	39	48	42	38	36	33	0%
9	61	49	41	36	60	48	41	36	47	40	35	46	39	35	45	39	35	33	30	0%
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	41	36	32	30	27	0%

OWP-FC-116-LED

LED Slimline Full Cut-Off Wall Pack Series

OWP-FC-116-LED-1500L-2800L-4000L-DIM10-MVOLT-30K-40K-50K(4000L)

TEST NO.: **EL02242364**

INPUT WATTS: **31.3**

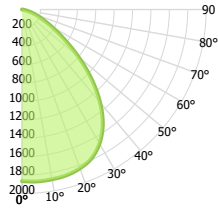
LUMENS: **3915**

EFFICACY: **125**

BEAM ANGLE: **77**

SPACING CRITERIA: **1.30 x 1.30**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1865	1872
10°	1873	1848
20°	1837	1774
30°	1681	1639
40°	1316	1428
50°	796	1089
60°	369	649
70°	148	278
80°	19	82
90°	1	2

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	80300	80579
45.00°	64887	77856
55.00°	41429	65806
65.00°	24131	44921
75.00°	12185	26958
85.00°	257	13027

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	187
10° - 20°	498
20° - 30°	725
30° - 40°	799
40° - 50°	714
50° - 60°	509
60° - 70°	287
70° - 80°	122
80° - 90°	25

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	685	17%
0° - 30°	1410	36%
0° - 40°	2209	56%
0° - 60°	3432	88%
0° - 80°	3841	98%
0° - 90°	3866	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	51.8 fc	9.9 ft	16.3 ft
8.0 ft	29.1 fc	13.2 ft	21.7 ft
10.0 ft	18.7 fc	16.5 ft	27.1 ft
12.0 ft	13.0 fc	19.8 ft	32.5 ft
14.0 ft	9.5 fc	23.2 ft	38.0 ft
16.0 ft	7.3 fc	26.5 ft	43.4 ft
18.0 ft	5.8 fc	29.8 ft	48.8 ft
20.0 ft	4.7 fc	33.1 ft	54.2 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%		
	80%				70%				50%				30%					10%	
pc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	10%	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	101	99
1	110	106	103	100	108	104	101	98	100	97	95	96	93	91	92	90	89	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75	75
3	94	85	78	72	91	83	76	71	80	74	70	77	72	68	75	71	67	65	65
4	87	76	68	62	85	75	67	62	72	66	61	70	64	60	68	63	59	57	57
5	80	69	61	55	78	68	60	54	65	59	54	63	58	53	62	57	52	50	50
6	75	63	54	49	73	62	54	48	60	53	48	58	52	47	56	51	47	45	45
7	70	57	49	43	68	56	49	43	55	48	43	53	47	43	52	46	42	40	40
8	65	53	45	39	64	52	44	39	50	44	39	49	43	39	48	42	38	36	36
9	61	49	41	36	60	48	41	36	47	40	35	46	39	35	45	39	35	33	33
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	41	36	32	30	30