

OWP-FC-211-LED

LED Medium Full Cut-Off Wall Pack Series

up to 75 Wattage / up to 9400 Lumens

Catalog Number:

Project Name:

Note:

Type:



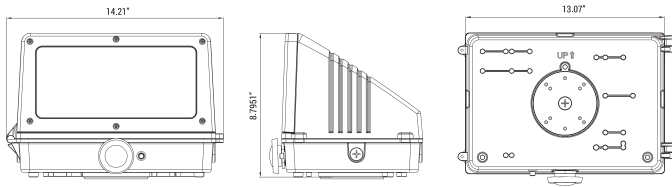
APPLICATIONS:

This rugged medium size full cut-off LED wall pack provides long lasting, energy efficient lighting with a variety of options to customize fixture performance to the required task. Easily mounts to building and is ideal for industrial, educational, multi-family, institutional, and government applications.

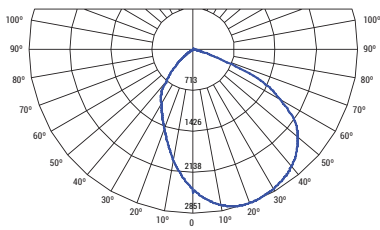
FEATURES:

- Full cut-off and compliance to Dark Sky requirement
- Lumen output from 3400 - 9400lm with efficacy up to 158lm/W
- 20W-70W power consumption, to replace 100W MH and 175W MH
- Optional Motion sensor and Photocell
- Optional battery back-up option for emergency egress lighting
- Type III and IV polycarbonate optical lens with integrated lens
- Operating temperature is -40°C to 50°C (-40°F to 122°F)
- Dimmable
- UL/cUL wet location

DIMENSION:



PHOTOMETRICS:



B	U	G
2	1	1

SPECIFICATIONS:

LUMENS	3400/4500/6000/9400 lumens
WATTAGE	20W/30W/40W/70W
CCT	40K-50K
CRI	80
LIGHT EFFICIENCY	158 lumens/watt
VOLTAGE	120-277 VAC
POWER FREQUENCY	50/60 Hz
FINISH	Bronze
APPLICABLE ENVIRONMENT	Dry/Damp/Wet location
WORKING TEMPERATURE	-40°C to 50°C



Ordering Guide > Example: OWP-FC-211-LED-3400L-DIM10-MVOLT-40K-BZ

OWP-FC-211-LED							
SERIES	PERFORMANCE	DIMMING	VOLTAGE	CCT	FINISH	EMERGENCY	ACCESSORIES
OWP-FC-211-LED	3400L - 3400 lumens 4500L - 4500 lumens 6000L - 6000 lumens 9400L - 9400 lumens	DIM10 - 0-10V Dimming	MVOLT - 120-277V	40K - 4000K 50K - 5000K	BZ - Bronze	O-EMG-LED	WPPHC - Photocell WPMS - Motion Sensor

* For more options, consult factory

OWP-FC-211-LED

LED Medium Full Cut-Off Wall Pack Series

OWP-FC-211-LED-3400L-DIM10-MVOLT-40K-BZ

INPUT WATTS: **21**

LUMENS: 3323

CRI: **85**

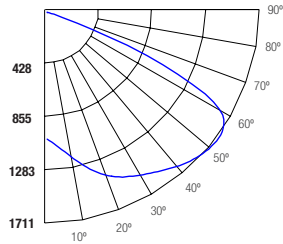
EFFICACY: **158**

CCT: **4000K**

TEST NO.: **EL07152041**

SPACING CRITERIA: **1.66**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	416.19	12.5	12.5
0-30	940.85	28.3	28.3
0-40	1617.83	48.7	48.7
0-60	3059.84	92.1	92.1
0-80	3321.5	100	100
0-90	3321.52	100	100

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	513317	719676	658269
55	360151	767061	696437
65	35914	223193	302213
75	10541	20619	10118
85	79	353	79

Lumens Per Zone

Zone	Lumens
0-10	100.61
10-20	315.57
20-30	524.67
30-40	676.98
40-50	759.51
50-60	682.5
60-70	247.31
70-80	14.34
80-90	0.03

Candela Tabulation

Q	
0	1037.55
5	1119.48
15	1315.51
25	1397.09
35	1262
45	1060.37
55	603.48
65	44.34
75	7.97
85	0.02
90	0.03

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC		80%				70%				50%				30%				10%				0%			
	RW		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%		50%	30%	10%		50%	30%	10%		50%	30%	10%	0%
	0	1	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100	100	100	
1	111	107	103	103	103	100	108	105	101	99	100	98	95		97	95	93		93	93	91		90	88		
2	102	95	89	84	84	99	93	87	83	89	85	81	81		86	82	79		83	80	77		75	75		
3	93	84	77	71	71	91	82	76	70	79	74	69	69		77	72	68		74	70	67		65	65		
4	86	75	66	60	60	83	73	66	60	71	64	59	59		69	63	58		66	61	57		55	55		
5	79	67	58	52	52	77	65	57	52	63	56	51	51		61	55	50		60	54	50		48	48		
6	72	60	51	45	45	71	59	51	45	57	50	44	44		55	49	44		54	48	44		42	42		
7	67	54	46	40	40	65	53	45	39	52	44	39	39		50	44	39		49	43	39		37	37		
8	62	49	41	35	35	61	48	40	35	47	40	35	35		46	39	35		45	39	34		32	32		
9	58	45	37	31	31	57	44	37	31	43	36	31	31		42	36	31		41	35	31		29	29		
10	54	41	33	28	28	53	41	33	28	40	33	28	28		39	32	28		38	32	28		26	26		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

OWP-FC-211-LED-4500L-DIM10-MVOLT-40K-BZ

INPUT WATTS: **31**

LUMENS: 4542

CRI: **85**

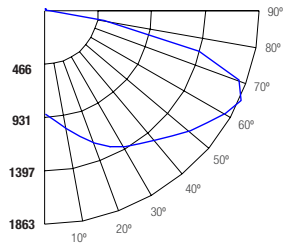
EFFICACY: **146**

CCT: **4000K**

TEST NO.: **EL07152041**

SPACING CRITERIA: **1.88**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	364.41	8	8
0-30	844.39	18.6	18.6
0-40	1507.98	33.2	33.2
0-60	3223.14	71	71
0-80	4450.02	98	98
0-90	4491.67	98.9	98.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	15863	19514	15361
55	17817	25189	18373
65	16532	32863	20970
75	4345	31708	10799
85	1833	3210	1717

Lumens Per Zone

Zone	Lumens
0-10	88.08
10-20	276.33
20-30	479.98
30-40	663.59
40-50	810.08
50-60	905.09
60-70	829.98
70-80	396.89
80-90	41.65

Candela Tabulation

Q	
0	908.153
5	981.13
15	1139.93
25	1308.22
35	1343.38
45	1251.69
55	1140.38
65	779.62
75	125.5
85	17.83
90	5.37

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC		80%				70%				50%				30%				10%				0%			
	RW		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%		50%	30%	10%		50%	30%	10%		50%	30%	10%	0%
	0	1	119	119	119	119	116	116	116	116	110	110	110		106	106	106		101	101	101		99	99		
1	108	102	98	94	94	105	100	96	92	96	92	89	89		91	89	86		88	85	83		81	81		
2	97	87	80	74	74	94	85	79	73	82	76	71	71		78	73	69		75	71	67		65	65		
3	87	75	66	59	59	84	74	65	58	70	63	57	57		67	61	56		65	59	55		53	53		
4	79	65	56	48	48	76	64	55	48	61	53	47	47		59	52	46		56	50	46		43	43		
5	72	58	48	41	41	69	56	47	40	54	46	40	40		52	45	39		50	43	38		36	36		
6	66	51	41	34	34	63	50	41	34	48	40	34	34		46	39	33		44	38	33		31	31		
7	60	46	36	30	30	58	45	36	30	43	35	29	29		42	34	29		40	34	29		26	26		
8	56	41	32	26	26	54	41	32	26	39	31	26	26		38	31	25		36	30	25		23	23		
9	52	38	29	23	23	50	37	29	23	36	28	23	23		34	27	22		33	27	22		20	20		
10	48	34	26	20	20	47	34	26	20	33	25	20	20		32	25	20		31	24	20		18	18		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

OWP-FC-211-LED-9400L-DIM10-MVOLT-40K-BZ

INPUT WATTS: **71**

LUMENS: 9284

CRI: **85**

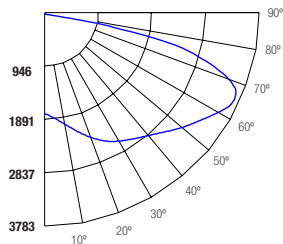
EFFICACY: **131**

CCT: **4000K**

TEST NO.: **EL07062011**

SPACING CRITERIA: **1.90**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	729.29	7.9	7.9
0-30	1699.22	18.3	18.3
0-40	3050.21	32.9	32.9
0-60	6606.27	71.2	71.2
0-80	9113.84	98.2	98.2
0-90	9181.91	98.9	98.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	32071	41332	32038
55	36704	53682	37760
65	32199	70343	41556
75	7710	63393	18244
85	3703	5145	3797

Lumens Per Zone

Zone	Lumens
0-10	175.11
10-20	554.19
20-30	969.93
30-40	1350.98
40-50	1670.77
50-60	1885.29
60-70	1716.9
70-80	790.67
80-90	68.07

Candela Tabulation

Q	
0	1805.13
5	1966.89
15	2319.21
25	2629.02
35	2708.32
45	2530.58
55	2349.21
65	1518.48
75	222.68
85	36.01
90	12.29

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	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	99			
	1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	85	83	81			
	2	97	88	80	74	94	85	79	73	82	76	71	78	73	69	75	71	67	65			
	3	87	75	66	59	84	74	65	58	70	63	57	67	61	56	65	59	55	53			
	4	79	65	56	48	76	64	55	48	61	53	47	59	52	46	56	50	46	43			
	5	67	49	40	34	63	50	41	34	48	42	37	49	43	39	51	43	38	36			
	6	65	51	41	34	63	50	41	34	48	40	34	46	39	33	44	38	33	31			
	7	60	46	36	30	63	50	41	34	48	40	34	46	39	33	44	38	33	28			
8	56	41	32	26	54	45	36	29	43	35	29	38	30	25	36	30	25	23				
9	52	37	29	23	50	37	28	23	36	28	22	34	27	22	33	27	22	20				
10	48	34	26	20	47	34	26	20	33	25	20	32	25	20	31	24	20	18				