



**SUGGESTED USE**

Decorative cylindrical shape provides an architectural treatment to complement and blend with other building designs. For general lighting and wall washing of entrances, walkways, apartment buildings, parking garages, recreation facilities, underpasses, and tunnels.

**CONSTRUCTION**

Die-cast aluminum housing. The reflector is made of die-formed specular anodized aluminum for high efficiency. Includes removable baffle to convert fixture from downlight to up/downlight. The one-piece silicone gasket effectively limits outside contaminants by sealing off the optical chamber. HID & HPS fixtures have porcelain 4KV pulse-rated medium-base socket with nickel-plated screw shell sockets. CFL fixtures have 4-pin plug-in base and standard ballast of minimum starting temperature of 0°F/-18°C. Extreme temperature ballast (XT) with -20°F/-30°C is available.

**FINISH** - Dark bronze corrosion-resistant polyester powder finish is standard.

**LENS** - Frosted, tempered glass lens.

**INSTALLATION** - Must be mounted independently of outlet body.

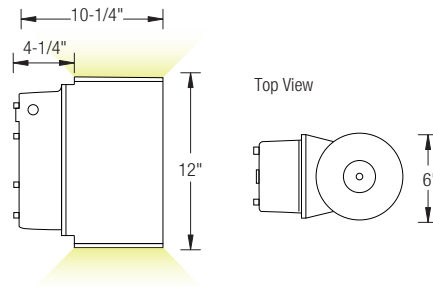
**LISTINGS** - UL/C-UL for wet location.

**LAMP** - (1 Horizontal Lamp Position) Included except for CFL option.

All specifications are subject to change without notice



**Dimensions:**



OWS

Cylinder Wall Sconce Up/Downlight

**Ordering Guide > Example: OWS-CYL-UD-101-MH-175-120-PC120-BZ**

<b>OWS-CYL-UD-101</b>					
<b>SERIES</b> OWS-CYL-UD-101	<b>WATTAGE</b> HPS, MH HPS-70 - (70W High Pressure Sodium) HPS-100 - (100W High Pressure Sodium) HPS-150 - (150W High Pressure Sodium) MH-70 - (70W Metal Halide) MH-100 - (100W Metal Halide) MH-150 - (150W Metal Halide) MH-175 - (175W Metal Halide) CFL CFL-1X26 - (1X26W Compact Fluorescent) CFL-1X32 - (1X32W Compact Fluorescent) INCANDESCENT INC-150 - (150W Incandescent)	<b>VOLTAGE</b> HPS, MH <sup>1,4</sup> - 120 - MVOLT (120/208/240/277) - 347 <sup>5</sup> - 480 <sup>5</sup> CFL <sup>2,3,4</sup> - 120 - MVOLT(120/277) - 208 - 240 - 347 INC - 120 - 277	<b>OPTIONS</b> PC120 - Photo control (120V only) PC277 - Photo control (277V only) SF - Single fuse DF - Double fuse XT - 20°F/-30°C Min. Temp. Bal. (CFL only)	<b>COLOR</b> BZ - Bronze	<b>ACCESSORIES</b> OWS-CYL-UD-101-RL - Replacement lens kit

**NOTES:**

1. Pulse-Start standard on all fixtures above 175W.
2. Lamps are not included for CFL.
3. Please consult factory for dimming options.
4. (Consult factory) for other wattages and options.
5. 347 & 480 Volt not available on 50 & 70W fixture.

# OWP-FC-211-LED

LED Medium Full Cut-Off Wall Pack Series

up to 90 Wattage / up to 9400 Lumens

Catalog Number:

Project Name:

Note:

Type:



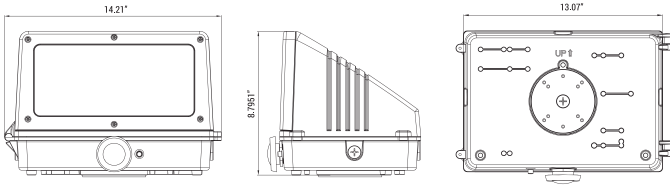
## APPLICATIONS:

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.

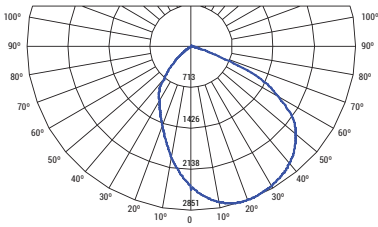
## FEATURES:

- Full cut-off and compliance to Dark Sky requirement
- Lumen output from 3700 - 9400lm with efficacy up to 110lm/W
- 30W-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 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/ 9400 lumens
WATTAGE	27W / 90W
CCT	40K-50K
CRI	80
LIGHT EFFICIENCY	110 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							
<b>SERIES</b>	<b>PERFORMANCE</b>	<b>DIMMING</b>	<b>VOLTAGE</b>	<b>CCT</b>	<b>FINISH</b>	<b>EMERGENCY</b>	<b>ACCESSORIES</b>
OWP-FC-211-LED	3400L - 3400 lumens 9400L - 9400 lumens	DIM10 - 0-10V Dimming	MVOLT - 120-277V	40K - 4000K 50K - 5000K	BZ - Bronze	0-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**

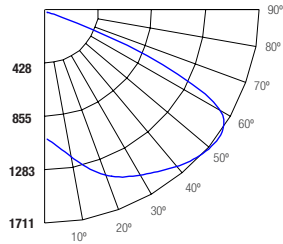
EFFICACY: **158**

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/M<sup>2</sup>)

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

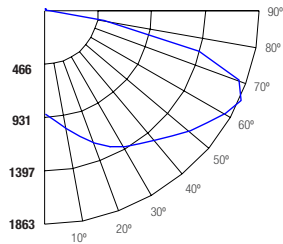
EFFICACY: **146**

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/M<sup>2</sup>)

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

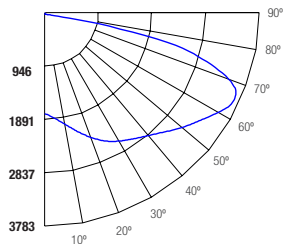
EFFICACY: **131**

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/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	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	Candela
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										