

OWP-NC-211-LED

LED Medium No Cut-Off Wall Pack Series

up to 70 Wattage / up to 8000 Lumens

Catalog Number:

Project Name:

Note:

Type:



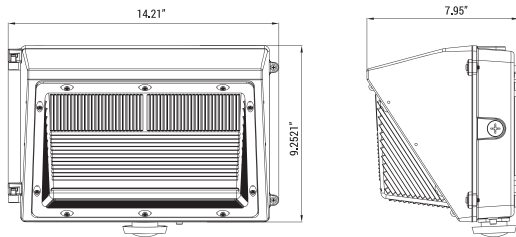
APPLICATIONS:

This medium size no cut-off LED wall pack provides long lasting, energy efficient lighting with a variety of options to customize fixture performance to the required task. Keeping with the look of a traditional MH wall pack, while reducing energy consumption up to 80% and lasting over 50,000 hours. Easily mounts to building and is ideal for industrial, educational, multi-family, institutional, and government applications.

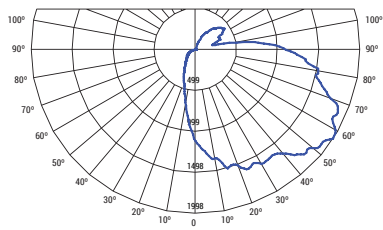
FEATURES:

- Sealed die-casting profile for outdoor applications
- 120-277V; 0-10V dimmable
- Lumen output from 3400-8000lm with efficacy up to 110lm/W
- Polycarbonate optical lens with UV stabilizers
- Photocell and Motion Sensor options available
- Optional battery back-up option for emergency egress lighting
- Replacing 100W MH, 175W MH and 320W MH
- Operating temperature is -40°C to 40°C (-40°F to 104°F)
- UL/cUL wet location

DIMENSION:



PHOTOMETRICS:



B	U	G
1	3	3

SPECIFICATIONS:

LUMENS	3400 / 5000 / 8000 lumens
WATTAGE	27W / 43W / 66W
CCT	40K-50K
CRI	70
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 40°C



Ordering Guide > Example: OWP-NC-211-LED-8000L-DIM10-MVOLT-40K-BZ

OWP-NC-211-LED							
SERIES	PERFORMANCE	DIMMING	VOLTAGE	CCT	FINISH	EMERGENCY	ACCESSORIES
OWP-NC-211-LED	3400L - 3400 lumens 5000L - 5000 lumens 8000L - 8000 lumens	DIM10- 0-10V Dimming	MVOLT - 120-277V	40K - 4000K 50K - 5000K	BZ - Bronze	0-EMG-LED	WPPHC - Photocell WPMS - Motion Sensor FSP-311-B - 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

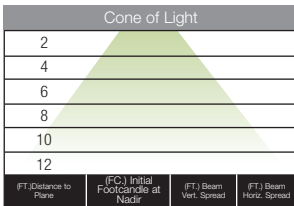
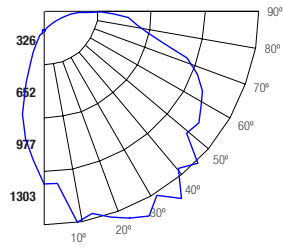
* For more options, consult factory



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

Specifications and Dimensions
subject to change without notice.

Issued-B1118-Rev. 1

OWP-NC-211-LED-3400L-DIM10-MVOLT-40K-BZ IESNA95TEST NO.: **EL01172051**INPUT WATTS: **27.1**LUMENS: **3393**CRI: **N/A**EFFICACY: **125**CCT: **4000K**SPACING CRITERIA: **1.32****Candle Power Distribution (Candelas)**

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	286.44	8.50	8.40
0-30	606.24	17.90	17.90
0-40	1001.35	29.50	29.50
0-60	1849.82	54.60	54.50
0-80	2606.12	76.90	76.80
0-90	2877.93	84.90	84.80

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	32495	5615	3218
55	26618	4262	2903
65	23241	4018	2637
75	20693	4401	2525
85	28058	7968	4029

Lumens Per Zone

Zone	Lumens
0-10	75.65
10-20	210.79
20-30	319.79
30-40	395.11
40-50	432.11
50-60	416.36
60-70	396.82
70-80	359.49
80-90	271.80

Candela Tabulation

0	0
0	912.059
5	628.220
15	881.240
25	671.090
35	613.410
45	500.630
55	332.640
65	214.000
75	116.690
85	53.280
90	37.730

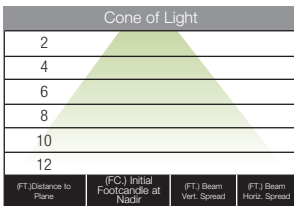
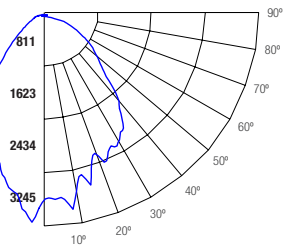
Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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%	50%	30%	10%	0%	0%	0%	0%
0	116	116	116	116	111	111	111	111	103	103	103	95	95	95	88	88	88	85	85	85	85	85	85	85
1	102	96	90	85	98	92	87	83	85	81	77	78	75	72	72	70	67	64	64	64	64	64	64	64
2	92	82	74	67	87	79	71	65	72	66	61	67	62	57	62	58	54	51	51	51	51	51	51	51
3	83	71	62	54	79	68	60	53	63	56	50	58	52	47	53	49	45	41	41	41	41	41	41	41
4	75	62	53	45	72	60	51	44	55	48	42	51	45	40	47	42	38	35	35	35	35	35	35	35
5	69	55	46	39	66	53	44	38	49	42	36	46	39	34	42	37	32	30	30	30	30	30	30	30
6	64	50	40	33	61	48	39	33	44	37	31	41	35	30	38	33	28	26	26	26	26	26	26	26
7	59	45	36	29	56	43	35	29	40	33	27	37	31	26	35	29	25	22	22	22	22	22	22	22
8	55	41	32	26	52	39	31	25	37	29	24	34	28	23	32	26	22	20	20	20	20	20	20	20
9	51	37	29	23	49	36	28	23	34	27	22	32	25	21	30	24	20	18	18	18	18	18	18	18
10	48	34	26	21	46	33	26	20	31	24	20	29	23	19	27	22	18	16	16	16	16	16	16	16

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

OWP-NC-211-LED-5000L-DIM10-MVOLT-50K-BZTEST NO.: **EL04292051**INPUT WATTS: **43.8381**LUMENS: **5159**CRI: **N/A**EFFICACY: **118**CCT: **5000K**SPACING CRITERIA: **1.14****Candle Power Distribution (Candelas)**

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	983.34	19.10	19.10
0-30	1964.84	38.10	38.10
0-40	3054.86	59.20	59.20
0-60	4531.15	87.80	87.80
0-80	5067.6	98.20	98.20
0-90	5103.01	98.90	98.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

Lumens Per Zone

Zone	Lumens
0-10	259.51
10-20	723.83
20-30	981.51
30-40	1090.02
40-50	884.44
50-60	591.85
60-70	350.62
70-80	185.83
80-90	35.41

Candela Tabulation

0	0
0	3023.26
5	3046.57
15	2400.25
25	1736.18
35	1167.98
45	585.13
55	203.86
65	88.22
75	52.17
85	1.47
90	11.37

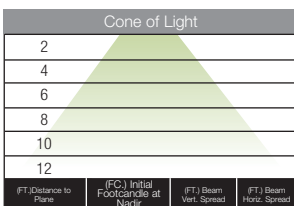
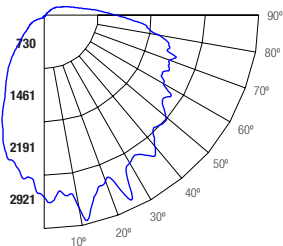
Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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%	50%	30%	10%	0%	0%	0%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	99	99	99	99	99	99
1	110	106	103	100	108	104	101	98	100	97	95	96	94	92	92	90	89	87	87	87	87	87	87	87
2	102	95	89	84	99	93	88	83	90	85	81	86	83	79	83	80	77	75	75	75	75	75	75	75
3	94	85	78	73	92	84	77	72	81	75	71	78	73	69	75	71	68	66	66	66	66	66	66	66
4	87	77	69	63	85	76	68	63	73	67	62	71	65	61	68	64	60	58	58	58	58	58	58	58
5	81	70	62	56	79	69	61	56	66	60	55	64	59	54	63	58	54	52	52	52	52	52	52	52
6	75	64	56	50	74	63	55	50	61	54	49	59	53	49	57	52	48	46	46	46	46	46	46	46
7	70	58	50	45	69	57	50	45	56	49	44	54	48	44	53	48	44	42	42	42	42	42	42	42
8	66	54	46	41	64	53	46	40	52	45	40	50	44	40	49	44	40	38	38	38	38	38	38	38
9	62	50	42	37	61	49	42	37	48	41	37	47	41	36	46	40	36	35	35	35	35	35	35	35
10	58	46	39	34	57	46	39	34	45	38	34	44	38	33	43	37	33	32	32	32	32	32	32	32

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

OWP-NC-211-LED-8000L-DIM10-MVOLT-40K-85TEST NO.: **EL041870**INPUT WATTS: **66.9**LUMENS: **8050**CRI: **85**EFFICACY: **120**CCT: **4000K**SPACING CRITERIA: **1.22****Candle Power Distribution (Candelas)**

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	888.90	11.00	11.00
0-30	1829.19	22.70	22.70
0-40	2888.4	35.90	35.90
0-60	4937.71	61.30	61.30
0-80	6611.34	82.10	82.10
0-90	7160.73	88.90	89.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	23616	11935	7413
55	21548	8820	5627
65	21887	6607	6027
75	22065	6044	4922
85	19505	6348	1618

Lumens Per Zone

Zone	Lumens
0-10	232.51
10-20	656.39
20-30	940.29
30-40	1059.2
40-50	1057.73
50-60	991.58
60-70	891.07
70-80	782.57
80-90	549.39

Candela Tabulation

0	0
0.0	2526.422
5.0	2552.150
15.0	2454.280
25.0	2150.980
35.0	1812.040
45.0	1392.620
55.0	1030.680
65.0	771.370
75.0	476.250
85.0	141.770
90.0	97.500

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC RW	80%				70%				50%			30%			10%			0%
	0	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
	1	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
	2	104	98	93	88	100	95	90	86	88	84	81	82	79	76	77	74	72	69
	3	94	84	77	70	90	81	74	69	76	70	65	71	66	62	66	63	59	56
	4	85	74	65	58	81	71	63	57	67	60	54	62	57	52	58	54	50	47
	5	78	65	56	49	75	63	54	48	59	52	46	55	49	44	52	47	42	40
	6	71	58	49	42	69	56	48	41	53	45	40	50	43	38	47	41	37	34
	7	66	52	43	37	63	51	42	36	48	40	35	45	39	34	42	37	32	30
	8	61	47	39	32	59	46	38	32	44	36	31	41	35	30	39	33	29	27
9	57	43	35	29	55	42	34	28	40	33	28	38	31	27	36	30	26	24	
10	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	23	22	
	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20	