

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1600	1616	17 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

**FEATURES**

The Compact Slim LED wall pack provides outdoor emergency lighting for low mounting heights. The fully enclosed-and-gasketed housing is IP65-rated for full protection against water and dirt. Suitable for applications requiring Path of Egress lighting, including outdoor environments exposed to rain and extreme moisture such as parking decks, carports, and pathways. Full cut-off meets Dark Sky requirements. Luminaire includes photocell (not motion detector) and EMG standard. The unit can be controlled by a switch, timer or photocell.

LUMENS	1600 lumens (600L in Emg. /500L in Emg. with heat pad)
CCT	40K
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Surface Mount
EMERGENCY	Standard/ (HTR) with Heat pad
WORKING TEMPERATURE	0°C to 50°C Standard Model -25°C to 50°C with heat pad
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



**CONSTRUCTION**

- Die-cast aluminum housing with efficient heat sink.
- Fully enclosed-and-gasketed housing is IP65-rated per IEC 60529 for full protection against water and dirt.
- UV-resistant polycarbonate lens.

**MOUNTING**

Easy wall mount design with universal KO for quick installation in most standard-sized junction boxes. Includes one 1/2" NPT conduit entry on the top of the housing.

**PHOTOCELL**

Photocell (comes standard with fixture) detects changing light levels and saves energy by turning off during the day.

**BACK-UP BATTERY**

- Includes self-diagnostic/self-test feature to monitor proper operation
- Includes long-life 7.2V Nickel Cadmium battery for UL-recognized 90 minute operation
- Full re-charge within 24 hours after 90 mins discharge
- Provided with waterproof test switch and AC-On indicator

**TWO OPTIONS AVAILABLE**

1. Standard (photocell only)
  - a. On/off control by photocell.
  - b. Switching to wall control is available.
2. Photosensor + PIR
  - a. Control by photocell and PIR motion sensor.

**ELECTRICAL**

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Produces less than 20% THD and has a power factor of .90 to 1.00. Class 2 driver.

**RATINGS**

- cULus wet location rated.
- IP65-rated; completely sealed to protect against water and dirt.
- RoHS compliant.
- DLC-listed

Example: **OWP-FC-104-LED-1600L-MVOLT-40K-BZ-O-EMG-LED-MS**

<b>OWP-FC-104-LED</b>						
<b>SERIES</b>	<b>LUMENS</b>	<b>VOLTAGE</b>	<b>CCT</b>	<b>FINISH</b>	<b>EMERGENCY</b>	<b>OPTIONS</b>
OWP-FC-104-LED WALLPACK	1600L - (1600 lumens)	MVOLT	40K - (4000K)	BZ - Bronze	O-EMG-LED Emergency Back-up Standard	MS - Motion Sensor
					<b>HTR</b> Emergency Back-up with Heat Pad	

**OWP-FC-104-LED-1600L-MVOLT-40K-BZ**

TEST NO.: **EL031913**

INPUT WATTS: **17.2**

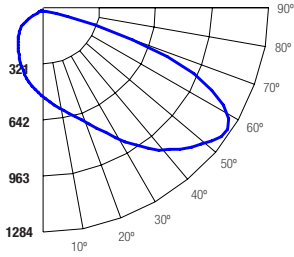
LUMENS: **1616**

EFFICACY: **106**

CCT: **4000K**

SPACING CRITERIA: **1.38**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	200.42	12.40	12.40
0-30	445.21	27.60	27.60
0-40	737.78	45.70	45.70
0-60	1301.77	80.60	80.60
0-80	1593.16	98.60	98.60
0-90	1596.92	98.80	98.80

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	11821	21424	9869
55	12850	12128	5983
65	17789	8281	2471
75	4184	2306	1827
85	839	537	433

**Lumens Per Zone**

Zone	Lumens
0-10	48.59
10-20	151.83
20-30	244.79
30-40	292.57
40-50	289.32
50-60	274.67
60-70	213.95
70-80	77.44
80-90	3.76

**Candela Tabulation**

θ	Candela
0	495.727
5	491.700
15	463.590
25	423.080
35	381.870
45	349.780
55	308.420
65	314.590
75	45.310
85	3.060
90	1.950

**Coefficients of Utilization - Zonal Cavity Method**  
Effective Floor Cavity Reflectance 0.20

Cone of Light		
4.0	1.72 fc	74.3 ft
8.0	0.43 fc	148.6 ft
12.0	0.19 fc	222.9 ft
16.0	0.11 fc	297.2 ft
20.0	0.07 fc	371.5 ft
24.0	0.05 fc	445.8 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

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	119	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99
1	109	105	101	97	107	103	99	96	98	95	92	94	92	99	90	88	87	84	
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	71	
3	91	81	73	66	88	79	71	66	76	69	64	73	67	63	70	66	62	60	
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	62	57	53	51	
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	56	50	46	44	
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38	
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34	
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30	
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27	
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance