

PROJECT
TYPE
CATALOG #

07-WPHM

HALF MOON FULL CUTOFF WALL PACK LUMEN & KELVIN SELECTABLE

HOUSING

- Premium powder-coat, die cast aluminum, Bronze housing.

ELECTRICAL

- Operating temperature (ambient): -40°C to 50°C (-40°F to 122°F) .
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10V DC dimming drivers are standard.
- Integrated photocell is standard. Photocell can be enabled or disabled by switch.
- Input transient surge protection = 4kV for 07-WPHM-875L-3CCT.
- Input transient surge protection = 6kV for 07-WPHM-13108L-3CCT.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

OPTICAL SYSTEM

- Polycarbonate lens.
- Field selectable 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures.*
- 07-WPHM-875L-3CCT provides a range of 5,483 to 8,352 nominal lumens.*
- 07-WPHM-13108L-3CCT provides a range of 8,165 to 13,690 nominal lumens.*
- Long-life LEDs provide 160,000 hours of operation with at least 70% of initial lumen output (L70), and 48,000 hours with at least 90% of initial lumen output (L90).**
- LED chromaticity based on < 6-step ANSI quadrangles.
- LED color maintenance < 0.0031 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color Rendering Index > 80.

MOUNTING

- Wall mounting kit.

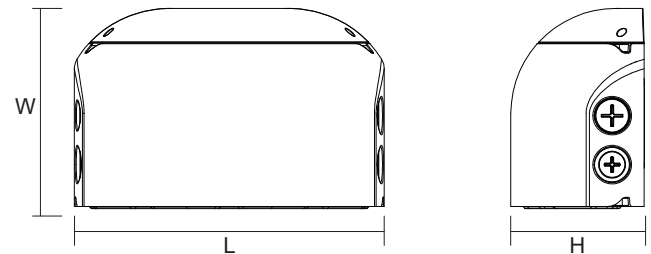
CODE COMPLIANCE

- cULus listed for wet locations.
- Complies with FCC part 15, class A.
- IP65 rated for ingress protection.
- IK08 rated for impact protection.

WARRANTY

- 5-year warranty on all electronics and housing.

* Default kelvin temperature 4000k and highest lumen output.
** L70 & L90 hours are IES TM-21-11 calculated hours.



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
07-WPHM-875L-3CCT	10.46	6.76	4.51	3.8
07-WPHM-13108L-3CCT	13.98	8.72	6.04	6.41



PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN (SELECTABLE)
07-WPHM	875L = 8,000 / 7,000 / 5,000 lm	3CCT 3000K / 4000K / 5000K
	13108L = 13,000 / 10,000 / 8,000 lm	

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COMPATIBLE DIMMERS & CONTROLS

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Manufacturer	Model Number	Dimmer Range	Load Switching Capacity
Best Lighting	DWS-010V-T	10%-100%	600W
Best Lighting	DWS-010V-D	10%-100%	600W
Leviton	IP710-LFZ	10%-100%	1200W
Lutron	DVSTV	10%-100%	450W

LUMEN TABLE & ELECTRICAL DATA

Series	Measure-ments	Low Lumen			Mid Lumen			High Lumen		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
07-WPHM-875L-3CCT	Lumens	5,483	5,896	5,753	6,531	7,142	6,848	7,492	8,352	7,863
	Watts	40.94	39.15	40.74	50.94	48.52	50.53	61.15	58.17	68.84
	Efficacy	133.93	150.60	141.21	128.21	147.20	135.52	122.52	143.58	114.22
	Input Current (A)	120V	0.34	0.33	0.34	0.42	0.40	0.42	0.51	0.48
		240V	0.17	0.16	0.17	0.21	0.20	0.21	0.25	0.24
		277V	0.15	0.14	0.15	0.18	0.18	0.18	0.22	0.21

Series	Measure-ments	Low Lumen			Mid Lumen			High Lumen		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
07-WPHM-13108L-3CCT	Lumens	8,165	8,839	8,627	10,420	11,438	10,960	12,233	13,690	12,876
	Watts	60.04	58.07	60.1	80.93	77.16	80.45	100.61	95.34	100.06
	Efficacy	135.99	152.21	143.54	128.75	148.24	136.23	121.59	143.59	128.68
	Input Current (A)	120V	0.50	0.48	0.50	0.67	0.64	0.67	0.84	0.79
		240V	0.25	0.24	0.25	0.34	0.32	0.34	0.42	0.40
		277V	0.22	0.21	0.22	0.29	0.28	0.29	0.36	0.34

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PHOTOMETRIC DATA

07-WPHM-875L-3CCT

Luminaire Data

Description	Half Moon Wall Pack Field Selectable
Total Lumens	8,352
Input Wattage	58
Efficacy (lm/W)	144
Max. Cd.	4702.6 (112.5H, 3V)
IES Classification	N.A.
Longitudinal Classification	N.A.

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	3,323	39.8%
0-60°	7,409	88.7%
0-80°	8,295	99.3%
80-90°	57	0.7%*
0-90°	8,352	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	8,352	100.0%

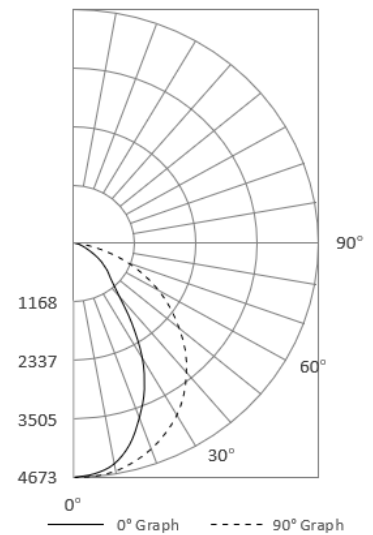
Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	1,675	20.1%
FM 30-60	2,053	24.6%
FH 60-80	425	5.1%
FVH 80-90	24	0.3%
BL 0-30	1,648	19.7%
BM 30-60	2,033	24.3%
BH 60-80	462	5.5%
BVH 80-90	33	0.4%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	8,352	100.0%
BUG Rating	B3-U0-G1	

Photometrics calculated @4000k, and highest lumen setting

* 80-90° glare zone is calculated by dividing the lumens in that zone by the lumen total in the 0-90° zone

180° Polar Graph



07-WPHM-13108L-3CCT

Luminaire Data

Description	Half Moon Wall Pack Field Selectable
Total Lumens	13,690
Input Wattage	95
Efficacy (lm/W)	144
Max. Cd.	7864.8 (202.5H, 2V)
IES Classification	N.A.
Longitudinal Classification	N.A.

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	5,540	40.5%
0-60°	12,153	88.8%
0-80°	13,598	99.3%
80-90°	92	0.7%*
0-90°	13,690	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	13,690	100.0%

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	2,729	19.9%
FM 30-60	3,182	23.2%
FH 60-80	671	4.9%
FVH 80-90	39	0.3%
BL 0-30	2,811	20.5%
BM 30-60	3,430	25.1%
BH 60-80	775	5.7%
BVH 80-90	53	0.4%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	13,690	100.0%
BUG Rating	B4-U0-G2	

Photometrics calculated @4000k, and highest lumen setting

* 80-90° glare zone is calculated by dividing the lumens in that zone by the lumen total in the 0-90° zone

180° Polar Graph

