

Project:	
Type:	
Catalog #:	



SUFFIX -DS = DARK SKY (3000K)



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 DSWPHM-875L-3CCT
- Input transient surge protection = 6kV for DSWPHM-13108L-3CCT
- Power factor > 90.
- Total harmonic distortion < 20%.

OPTICAL SYSTEM

- KAYMAR vandal-resistant PC SC lens.
- Field selectable 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures.*
- DSWPHM-875L-3CCT provides a range of 5,483 to 8,352 nominal lumens.*
- DSWPHM-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.

* Kelvin Temperature to be 3000K per IDA Dark Sky Standards
 ** L70 & L90 hours are IES TM-21-11 calculated hours.

STAR-LITE DARK SKY Series*

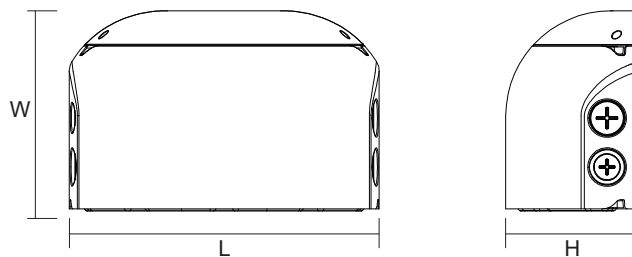
CODE COMPLIANCE

- cULus listed for wet locations.
- DLC premium listed
- Complies with FCC Part 15, class A.
- IP65 rated for ingress protection.
- IK08 rated for impact protection.
- * IDA DARK SKY Certified in 3000K



WARRANTY

- 5 year warranty on all electronics and housing.



SKU #	L (in)	W (in)	H (in)	Weight (lbs)
DSWPHM-875L-3CCT	10.46	6.76	4.51	3.8
DSWPHM-13108L-3CCT	13.98	8.72	6.04	6.41

STAR-LITE Model Ordering Example: STAR-LITE-DSWPHM-875L-DS

STAR-LITE SKU	Nominal Lumen Output (selectable)		Kelvin (selectable)	
	DSWPHM	875L	8,000/ 7,000/ 5,000 lm	3CCT
13108L		13,000/ 10,000/ 8,000 lm		

LUMEN TABLES

Series	Measurements	Low Lumen			Mid Lumen			High Lumen		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
DSWPHM-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

Series	Measurements	Low Lumen			Mid Lumen			High Lumen		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
DSWPHM-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

ELECTRICAL DATA

Series	CCT	Input Amps (A)								
		Low Lumen			Mid Lumen			High Lumen		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
DSWPHM-875L-3CCT	3000K	0.34	0.17	0.15	0.42	0.21	0.18	0.51	0.25	0.22
	4000K	0.33	0.16	0.14	0.40	0.20	0.18	0.48	0.24	0.21
	5000K	0.34	0.17	0.15	0.42	0.21	0.18	0.57	0.29	0.25

Series	CCT	Input Amps (A)								
		Low Lumen			Mid Lumen			High Lumen		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
DSWPHM-13108L-3CCT	3000K	0.50	0.25	0.22	0.67	0.34	0.29	0.84	0.42	0.36
	4000K	0.48	0.24	0.21	0.64	0.32	0.28	0.79	0.40	0.34
	5000K	0.50	0.25	0.22	0.67	0.34	0.29	0.83	0.42	0.36

PHOTOMETRICS

DSWPHM-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%

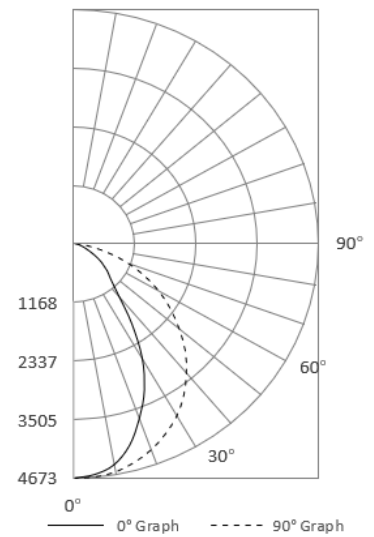
Luminaire Classification Systems (LCS)

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



DSWPHM-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%

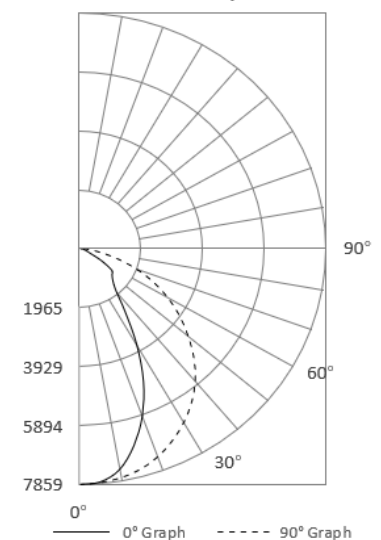
Luminaire Classification Systems (LCS)

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



COMPATIBLE DIMMERS AND CONTROLS

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