

WPASR

Adjustable Wall Pack Sensor Ready

Project:	
Type:	
Catalog #:	

STANDARDS



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 = 6kV.
- PF > 0.9; THD < 20%.

OPTICAL SYSTEM

- Polycarbonate lens.
- Field selectable 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures.*
- WPASR-6543L-3CCT provides a range of 2,739 to 6,002 nominal lumens.*
- WPASR-121086L-3CCT provides a range of 6,402 to 11,875 nominal lumens.*
- Long-life LEDs provide 167,000 hours of operation with at least 70% of initial lumen output (L70), and 51,000 hours with at least 90% of initial lumen output (L90).**
- Adjustable housing up to 90°.
- Screw in sensor ready. Occupancy sensor and remote control sold separately. Remote control required to change factory sensor settings.
- 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.

* Default kelvin temperature 4000k and highest lumen output.

** L70 & L90 hours are IES TM-21-11 calculated hours.



MOUNTING

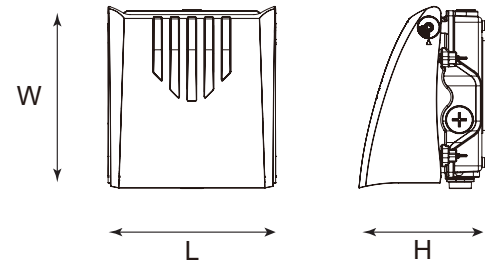
- Wall mounting kit.

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.

WARRANTY

- 5 year warranty on all electronics and housing.



Model #	L (in)	W (in)	H (in)	Weight (lbs)
WPASR-6543L-3CCT	7.72	8.37	5.8	3.73
WPASR-121086L-3CCT	7.72	8.37	5.8	3.85

ORDERING INFORMATION

Example: WPASR-6543L-3CCT

Model	Nominal Lumen Output (selectable)		Kelvin (selectable)		Installed Options
WPASR	6543L	6,000/ 5,000/ 4,000/ 3,000 lm	3CCT	3000/ 4000/ 5000K	EM4 4W Emergency Driver
	121086L	12,000/ 10,000/ 8,000/ 6,000 lm			EM8 8W Emergency Driver

ACCESSORIES (ORDER SEPARATELY)

Sensor

HD07VR-PHF-1	=	Passive infrared sensor - maximum mounting height = 39 FT
HD07VR-MHF-1	=	Microwave step-dimming sensor - maximum mounting height = 49 FT
HD05R	=	Remote control for HD07VR and HD09VR series Sensors (required to change factory settings)

Factory settings for Sensor : detection area =100%, hold time = 5 sec, stand-by period = 0 sec, stand-by dimming level = 10%, daylight threshold = disabled

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

COMPATIBLE EMERGENCY DRIVERS-INSTALLED*

Emergency Driver Part Number	EM4		EM8	
Model	Watts	EM Lumens	Watts	EM Lumens
WPASR-6543L-3CCT**	4	609	-	-
WPASR-121086L-3CCT	4	609	8	1219

* EM Lumens based on factory setting of 4000K CCT and highest power setting.

** Not available with EM8 option.

LUMEN TABLES

Series	Measurements	18W			25W			30W			40W		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WPASR-6543L-3CCT	Lumens	2,739	2,806	2,833	3,769	3,909	3,899	4,629	4,837	4,789	5,683	6,002	5,885
	Watts	18.65	18.3	18.56	25.99	25.38	25.87	32.43	31.44	32.15	40.85	39.45	40.48
	Efficacy	146.86	153.33	152.64	145.02	154.02	150.72	142.74	153.85	148.96	139.12	152.14	145.38

Series	Measurements	40W			50W			60W			80W		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WPASR-121086L-3CCT	Lumens	6,402	6,693	6,606	7,772	8,213	8,041	9,008	9,589	9,325	10,891	11,875	11,417
	Watts	42.62	41.54	42.29	53.07	51.62	52.63	63.16	61.18	62.58	81.07	77.94	80.17
	Efficacy	150.21	161.12	156.21	146.45	159.10	152.78	142.62	156.73	149.01	134.34	152.36	142.41

ELECTRICAL DATA

Series	CCT	Input Amps (A)											
		18W			25W			30W			40W		
		120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
WPASR-6543L-3CCT	3000K	0.16	0.08	0.07	0.22	0.11	0.09	0.27	0.14	0.12	0.34	0.17	0.15
	4000K	0.15	0.08	0.07	0.21	0.11	0.09	0.26	0.13	0.11	0.33	0.16	0.14
	5000K	0.15	0.08	0.07	0.22	0.11	0.09	0.27	0.13	0.12	0.34	0.17	0.15

Series	CCT	Input Amps (A)											
		40W			50W			60W			80W		
		120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
WPASR-121086L-3CCT	3000K	0.36	0.18	0.15	0.44	0.22	0.19	0.53	0.26	0.23	0.68	0.34	0.29
	4000K	0.35	0.17	0.15	0.43	0.22	0.19	0.51	0.25	0.22	0.65	0.32	0.28
	5000K	0.35	0.18	0.15	0.44	0.22	0.19	0.52	0.26	0.23	0.67	0.33	0.29

PHOTOMETRICS

WPASR-6543L-3CCT

Luminaire Data

Description	Adjustable Wall Pack Field Selectable
Total Lumens	6,002
Input Wattage	39
Efficacy (lm/W)	152
Max. Cd.	2470.8 (360H, 21V)
IES Classification	Type II
Longitudinal Classification	Very Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	1,727	28.8%
0-60°	5,076	84.6%
0-80°	5,959	99.3%
80-90°	43	0.7%*
0-90°	6,002	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	6,002	100.0%

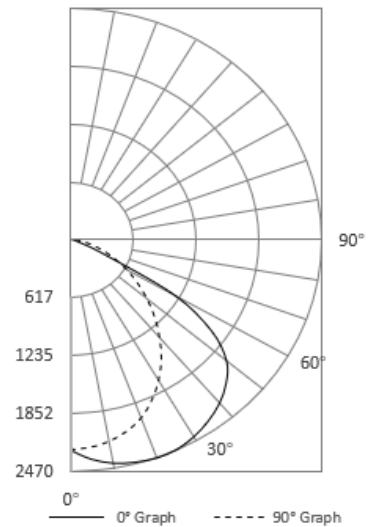
Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	968	16.1%
FM 30-60	2,064	34.4%
FH 60-80	537	9.0%
FVH 80-90	9	0.1%
BL 0-30	759	12.6%
BM 30-60	1,285	21.4%
BH 60-80	346	5.8%
BVH 80-90	34	0.6%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	6,002	100.0%
BUG Rating	B2-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



WPASR-121086L-3CCT

Luminaire Data

Description	Adjustable Wall Pack Field Selectable
Total Lumens	11,875
Input Wattage	78
Efficacy (lm/W)	152
Max. Cd.	4830.6 (360H, 20V)
IES Classification	Type III
Longitudinal Classification	Very Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	3,360	28.3%
0-60°	9,924	83.6%
0-80°	11,791	99.3%
80-90°	84	0.7%*
0-90°	11,875	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	11,875	100.0%

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	1,890	15.9%
FM 30-60	4,136	34.8%
FH 60-80	1,268	10.7%
FVH 80-90	34	0.3%
BL 0-30	1,471	12.4%
BM 30-60	2,427	20.4%
BH 60-80	599	5.0%
BVH 80-90	51	0.4%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	11,875	100.0%
BUG Rating	B3-U0-G2	

*Photometric calculated at 4000k, and
highest lumen output*

* 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

