

07-WPASR

ADJUSTABLE WALL PACK SENSOR READY

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.
- 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-WPASR-6543L-3CCT provides a range of 2,739 to 6,002 nominal lumens.*
- 07-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.

MOUNTING

- Wall mounting kit.

CODE COMPLIANCE

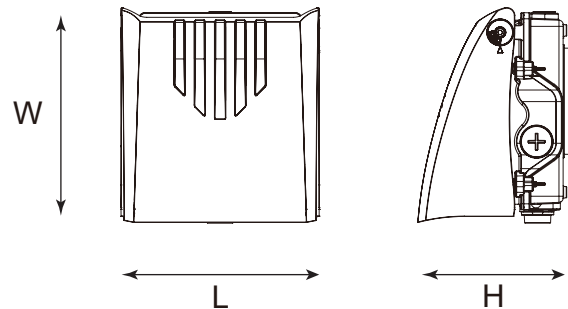
- cULus listed for wet locations.
- Complies with FCC part 15, class A.
- IP65 rated for ingress protection.
- IK08 rated for impact protection.

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.

PROJECT
TYPE
CATALOG #



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



PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN (SELECTABLE)	INSTALLED OPTIONS
07-WPASR	6543L = 6,000 / 5,000 / 4,000 / 3,000 lm	3CCT 3000K / 4000K / 5000K	EM4 4W Emergency Driver EM8 8W Emergency Driver
	121086L = 12,000 / 10,000 / 8000 / 6,000 lm		



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ACCESSORIES (order separately)

Sensor

- 22-HD07VR-PHF-1 = Passive infrared sensor - maximum mounting height = 39 FT
- 22-HD07VR-MHF-1 = Microwave step-dimming sensor - maximum mounting height = 49 FT
- 20-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

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COMPATIBLE DIMMERS & 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
07-WPASR-6543L-3CCT**	4	609	-	-
07-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.

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ELECTRICAL DATA

Series	Measure-ments		30W			40W			50W			60W		
			3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
07-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
	Input Current (A)	120V	0.16	0.15	0.15	0.22	0.21	0.22	0.27	0.26	0.27	0.34	0.33	0.34
		240V	0.08	0.08	0.08	0.11	0.11	0.11	0.14	0.13	0.13	0.17	0.16	0.17
		277V	0.07	0.07	0.07	0.09	0.09	0.09	0.12	0.11	0.12	0.15	0.14	0.15

Series	Measure-ments		60W			80W			100W			120W		
			3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
07-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
	Input Current (A)	120V	0.36	0.35	0.35	0.44	0.43	0.44	0.53	0.51	0.52	0.68	0.65	0.67
		240V	0.18	0.17	0.18	0.22	0.22	0.22	0.26	0.25	0.26	0.34	0.32	0.33
		277V	0.15	0.15	0.15	0.19	0.19	0.19	0.23	0.22	0.23	0.67	0.33	0.29

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PHOTOMETRIC DATA

07-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%

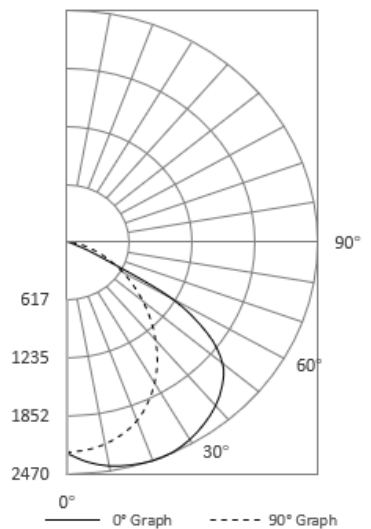
Luminaire Classification Systems (LCS)

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



07-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

