

07-WPTSR

TRADITIONAL 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

- Prismatic Glass lens.
- Field selectable 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures.*
- 07-WPTSR-8654L-3CCT provides a range of 3,781 to 7,817 nominal lumens.*
- 07-WPTSR-1715129L-3CCT provides a range of 9,076 to 16,817 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).**
- 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 < -0.0027 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color Rendering Index > 80.

MOUNTING

- Wall mounting kit.

CODE COMPLIANCE

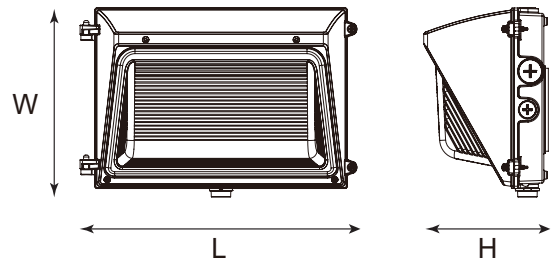
- cULus listed for wet locations.
- Complies with FCC part 15, class A.
- IP65 rated for ingress protection.
- IK06 rated for impact protection.

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-WPTSR-8654L-3CCT	14.47	6.45	9.25	7.07
07-WPTSR-1715129L-3CCT	14.47	6.45	9.25	7.29



PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN (SELECTABLE)	INSTALLED OPTIONS
07-WPTSR	8654L = 8,000 / 6,000 / 5,000 / 4,000 lm	3CCT 3000K / 4000K / 5000K	EM4 4W Emergency Driver EM8 8W Emergency Driver
	1715129L = 17,000 / 15,000 / 12,000 / 9,000 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-WPTSR-8654L-3CCT	4	619	8	1239
07-WPTSR-1715129L-3CCT	4	609	8	1219

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

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ELECTRICAL DATA

Series	Measure-ments		25W			30W			40W			50W		
			3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
07-WPTSR-8654L-3CCT	Lumens		3,781	3,863	3,927	4,653	4,786	4,842	5,714	5,910	5,946	7,462	7,817	7,755
	Watts		25.17	24.7	25.14	31.27	30.61	31.22	38.79	37.7	38.75	52.02	50.49	51.84
	Efficacy		150.22	156.40	156.21	148.80	156.35	155.09	147.31	156.76	153.45	143.44	154.82	149.59
	Input Current (A)	120V	0.21	0.21	0.21	0.26	0.26	0.26	0.32	0.31	0.32	0.43	0.42	0.43
		240V	0.10	0.10	0.10	0.13	0.13	0.13	0.16	0.16	0.16	0.22	0.21	0.22
		277V	0.09	0.09	0.09	0.11	0.11	0.11	0.14	0.14	0.14	0.19	0.18	0.19

Series	Measure-ments		60W			80W			100W			120W		
			3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
07-WPTSR-1715129L-3CCT	Lumens		9,076	9,413	9,532	11,765	12,350	12,374	13,993	14,803	14,709	15,836	16,817	16,722
	Watts		60.3	59.07	60.22	80.31	78.48	80.29	98.14	95.56	97.97	113.96	110.4	113.72
	Efficacy		150.51	159.35	158.29	146.49	157.36	154.12	142.58	154.91	150.14	138.96	152.33	147.05
	Input Current (A)	120V	0.50	0.49	0.50	0.67	0.65	0.67	0.82	0.80	0.82	0.95	0.92	0.95
		240V	0.25	0.25	0.25	0.33	0.33	0.33	0.41	0.40	0.41	0.47	0.46	0.46
		277V	0.22	0.21	0.22	0.29	0.28	0.29	0.35	0.34	0.35	0.41	0.40	0.41

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PHOTOMETRIC DATA

07-WPTSR-8654L-3CCT

Luminaire Data

Description	Traditional Wall Pack Field Selectable
Total Lumens	7,817
Input Wattage	50
Efficacy (lm/W)	155
Max. Cd.	3109.6 (360H, 49V)
IES Classification	Type IV
Longitudinal Classification	Very Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	1,274	16.3%
0-60°	4,026	51.5%
0-80°	5,865	75.0%
80-90°	729	11.1%*
0-90°	6,595	84.4%
90-110°	900	11.5%
110-180°	0	0.0%
0-180°	7,817	100.0%

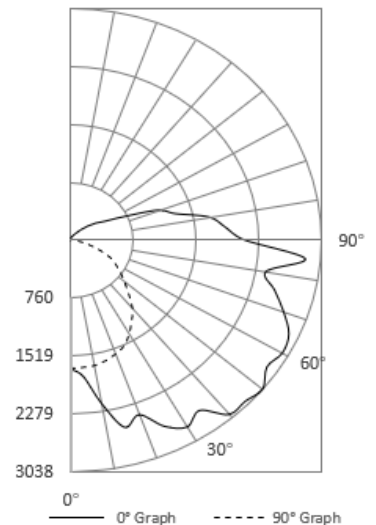
Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	914	11.7%
FM 30-60	2,450	31.3%
FH 60-80	1,771	22.7%
FVH 80-90	720	9.2%
BL 0-30	361	4.6%
BM 30-60	301	3.9%
BH 60-80	68	0.9%
BVH 80-90	10	0.1%
UL 90-100	553	7.1%
UH 100-180	670	8.6%
Total	7,817	100.0%
BUG Rating	B1-U4-G4	

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-WPTSR-1715129L-3CCT

Luminaire Data

Description	Traditional Wall Pack Field Selectable
Total Lumens	16,817
Input Wattage	110
Efficacy (lm/W)	152
Max. Cd.	6819.6 (360H, 38V)
IES Classification	Type IV
Longitudinal Classification	Very Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	3,509	20.9%
0-60°	10,164	60.4%
0-80°	13,947	82.9%
80-90°	1,285	8.4%*
0-90°	15,231	90.6%
90-110°	1,227	7.3%
110-180°	0	0.0%
0-180°	16,817	100.0%

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	2,217	13.2%
FM 30-60	5,537	32.9%
FH 60-80	3,551	21.1%
FVH 80-90	1,260	7.5%
BL 0-30	1,292	7.7%
BM 30-60	1,119	6.7%
BH 60-80	231	1.4%
BVH 80-90	24	0.1%
UL 90-100	814	4.8%
UH 100-180	771	4.6%
Total	16,817	100.0%
BUG Rating	B3-U4-G5	

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

