CONTRACTOR LIGHTING & SUPPLY
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PROJECT
TYPE
CATALOG #

07-WPTSR-UNC

TRADITIONAL WALL PACK SENSOR READY 277-480V

HOUSING
- Bronze powder-coated, die-cast aluminum housing.

ELECTRICAL
- Operating temperature (ambient): -40°C to 55°C (-40°F to 131°F).
- 277-480 AC (50-60Hz).
- 0-10VDC dimming driver.
- Integrated photocell is standard. Photocell can be enabled or disabled by switch.
- Input transient surge protection: 6kV.
- Power factor > 0.9.
- Total harmonic distortion (THD) < 20%.

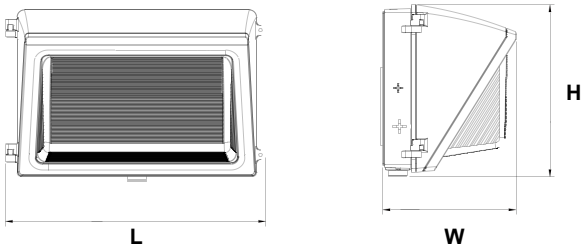
OPTICAL SYSTEM
- Efficacy 160 Lumens per Watt.
- Field selectable 3000K,4000K,and 5000K color temperatures.*
- Selectable output delivers from 11,633 to 17,797 nominal lumens, with 3 settings.*
- Long-life LEDs provide 204,000 hours of operation with at least 70% of initial lumen output (L70), and 61,000 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 color maintenance < -0.0008 chromaticity shift (Δu'v') over the initial 6,000 hours of operation.
- Prismatic Glass lens.
- Color Rendering Index (CRI) > 80.

MOUNTING
- Surface mounting kit.

CODE COMPLIANCE
- cULus listed for wet locations.
- Complies with FCC Part 15, Class A.
- IP65 rated for ingress protection.
- IK07 rated for impact protection.

WARRANTY
- 5-year warranty on all electronics and housing.

*Factory set to 4000K CCT, and highest power output.
**L70 and L90 hours are IES TM-21-11 calculated hours.



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
07-WPTSR-181512L-3CCT-UNC	14.00	7.13	9.20	7.94

CERTIFIED · FC · WET · IP65 · 6kV SURGE PROTECTION

PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN SELECTABLE	INPUT VOLTAGE
07-WPTSR	181512L = 18,000/ 15,000/ 12,000 lm	3CCT = 3000K/4000K/5000K	UNC — 277-480V

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ACCESSORIES (order separately)

Sensor:

22-HSE-SP19L-2 = Passive infrared sensor, 0-10v step dim, daylight threshold, maximum mounting height = 25 FT
22-HD05R = Remote control for 22-HSE-SP19L-2 (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, RCA

COMPATIBLE DIMMERS & CONTROLS

Manufacturer	Model Number	Style	Dimmer Range	Load Switching Capacity
Best Lighting	DWS-010V-T	Toggle	10%-100%	600W
Best Lighting	DWS-010V-D	Decora	10%-100%	600W
Best Lighting	GPDMLV-02-3	Toggle	10%-100%	600W
Best Lighting	GPDMLV-12-3	Decora	10%-100%	600W
Leviton	IP710-LFZ	Toggle	10%-100%	1200W
Lutron	DVSTV	Decora	10%-100%	450W

LUMEN TABLES & ELECTRICAL DATA

Series	Measure-ments		18L			15L			12L		
			3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
07-WPTSR-181512L-3CCT-UNC	Lumens		16,543	17,797	17,169	14,157	15,133	14,759	11,633	12,343	12,248
	Watts		118.4	115.4	118.1	98.7	96.1	98.3	79.1	77.3	79.1
	Efficacy		140	154	145	143	157	150	147	160	155
	Input Current (A)	120V	0.43	0.42	0.43	0.36	0.35	0.35	0.29	0.28	0.29
		240V	0.34	0.33	0.34	0.28	0.28	0.28	0.23	0.22	0.23
		277V	0.25	0.24	0.25	0.21	0.20	0.20	0.16	0.16	0.16

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PHOTOMETRIC DATA

07-WPTSR-181512L-3CCT-UNC

Luminaire Data

Description	Traditional Wall Pack Field Selectable
Total Lumens	17,797
Input Wattage	115
Efficacy (lm/W)	154
Max. Cd.	6379.3 (90H, 53V)
IES Classification	N.A.
Longitudinal Classification	N.A.

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	2,877	16.2%
0-60°	8,802	49.5%
0-80°	12,942	72.7%
80-90°	1,726	11.8%*
0-90°	14,668	82.4%
90-110°	2,242	12.6%
110-180°	0	0.0%
0-180°	17,797	100.0%

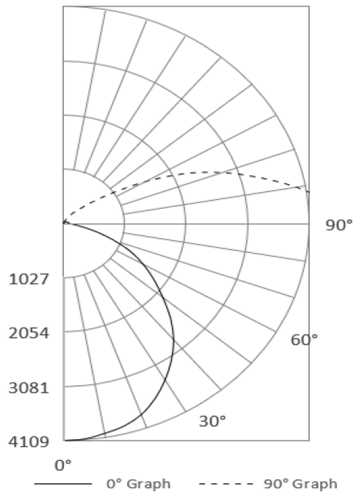
Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	1,444	8.1%
FM	30-60	2,985	16.8%
FH	60-80	2,089	11.7%
FVH	80-90	870	4.9%
BL	0-30	1,433	8.1%
BM	30-60	2,941	16.5%
BH	60-80	2,051	11.5%
BVH	80-90	855	4.8%
UL	90-100	1,342	7.5%
UH	100-180	1,787	10.0%
Total		17,797	100.0%
BUG Rating		B3-U5-G5	

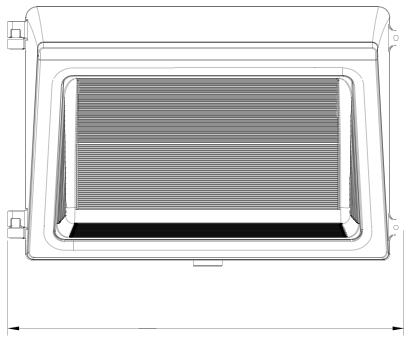
Photometric calculated at 4000k, and highest lumen output

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

Polar Graph



DIMENSIONAL DRAWINGS



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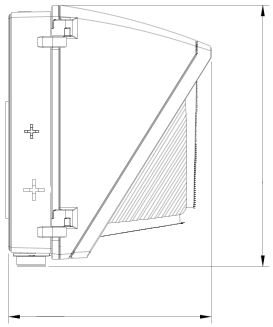

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