

# Forward Lighting Wall Pack Sensor Ready

## FEATURES

- **Emergency lighting with adjustable Emergency Lighting Control (ELC), powered from a Signtex low-voltage central battery system.**
- Available with factory-installed UL Listed Emergency Lighting Control (ELC), for connection to a Signtex central battery, DC emergency power system.
- Prismatic Glass lens.
- Field selectable 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures.\*
- WPT-8L-SLSK provides a range of 3,781 to 7,817 nominal lumens.\*
- WPT-17L-SLSK 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.
- Premium powder-coat, die cast aluminum, Bronze housing.
- 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%

## CODES

- 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 total customer satisfaction warranty.  
For details see Signtex product catalog technical data section.

\* Default kelvin temperature 4000k and highest lumen output.

\*\* L70 hours are IES TM-21-11 calculated hours.

PROJECT:

TYPE:

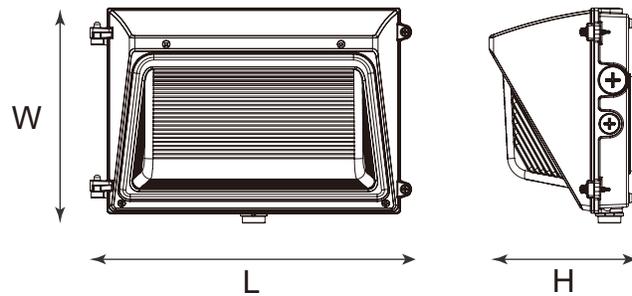
CATALOG #:

**emLITE**  
**Series WPT**

REV #: WPT.02.26.02



## DIMENSIONS



Model #	L (in)	W (in)	H (in)	Weight (lbs)
WPTSR-8654L-3CCT	14.47	6.45	9.25	7.07
WPTSR-1715129L-3CCT	14.47	6.45	9.25	7.29

## STANDARD



## OPTIONS

## FIXTURE ORDERING INFORMATION EXAMPLE: WPT9L-SLSK-AC-EM8

SERIES	SIZE	SELECTABLE <sup>1</sup>		VOLTAGE	OPTIONS
		NOMINAL LUMENS	COLOR TEMP		
WPT	8L	SL 4,000/ 5,000/ 6,000/ 8,000lm	SK 3000K 4000K 5000K	AC 120-277VAC	ELCXXP7 <sup>2</sup> Emergency Lighting Control ***XX**= Varies with fixture size and power. See Options table for complete part number
	17L	SL 9,000/ 12,000/ 15,000/ 17,000lm		RE 24V Remote from Central Battery System	Em4 4W Emergency driver Em8 8W Emergency driver

<sup>1</sup> Nominal values. See Electrical data for specific values.  
<sup>2</sup> See ELC Power details table, Page2.

### EMERGENCY LIGHTING CONTROLS (ELC)

For use with Signtex Lighting DC Central Battery System

MODEL	ELC10P7		ELC40P7	
	EPR <sup>1</sup> WATTS (MIN.)	EM LUMENS <sup>2</sup>	EPR WATTS (MAX.) <sup>3</sup>	EM LUMENS
WPT-8L	10	1575	40	6,300
WPT-17L	10	1586	40	6,345

#### NOTE:

Emergency lumens are calculated based on efficacy in the MID-LUMEN range (4000K) from the Electrical Data Table. The value is adjustable through the EPR range shown above. For maximum efficiency, EPR should be set at the minimum level for compliance with NFPA Life Safety Code, based on photometric data for the fixture when installed.

To calculate lumen output within the EPR range given:

$$\text{Lumens} = \text{EPR (watts)} \times \text{Luminaire Efficacy (Lm/watt)}$$

<sup>1</sup> Emergency power rating (Factory Adjustable).

<sup>2</sup> Nominal output at 4000K and Efficacy in Mid-Lumen Range.

<sup>3</sup> Maximum Emergency Power Rating (EPR).

## 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	
	Watts	EM Lumens	Watts	EM Lumens
WPT-9L-SLSK	4	630	8	1239
WPT-17L-SLSK	4	634	8	1219

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

Note: EM run time is 90 minutes.

Note: EM minimum ambient temperature is -20°C(-4°F)

### ELECTRICAL DATA

Series	CCT	Input Amps (A)											
		25W			30W			40W			50W		
		120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
WPT-8L-SLSK	3000K	0.21	0.10	0.09	0.26	0.13	0.11	0.32	0.16	0.14	0.43	0.22	0.19
	4000K	0.21	0.10	0.09	0.26	0.13	0.11	0.31	0.16	0.14	0.42	0.21	0.18
	5000K	0.21	0.10	0.09	0.26	0.13	0.11	0.32	0.16	0.14	0.43	0.22	0.19

Series	CCT	Input Amps (A)											
		60W			80W			100W			120W		
		120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
WPT-17L-SLSK	3000K	0.50	0.25	0.22	0.67	0.33	0.29	0.82	0.41	0.35	0.95	0.47	0.41
	4000K	0.49	0.25	0.21	0.65	0.33	0.28	0.80	0.40	0.34	0.92	0.46	0.40
	5000K	0.50	0.25	0.22	0.67	0.33	0.29	0.82	0.41	0.35	0.95	0.46	0.41

### LUMEN TABLES

Series	Measurements	25W			30W			40W			50W		
		3000K	4000K	5000K									
WPT-8L-SLSK	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

Series	Measurements	60W			80W			100W			120W		
		3000K	4000K	5000K									
WPT-17L-SLSK	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

### PHOTOMETRIC DATA

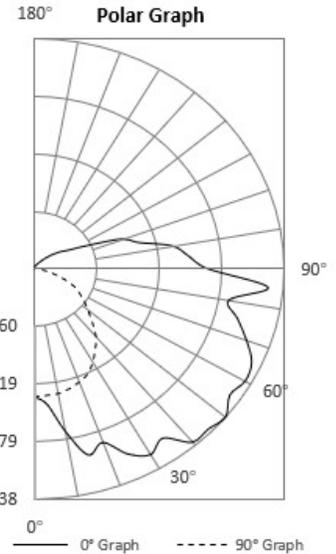
#### WPT-8L-SLSK

##### 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

##### 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%
<b>Total</b>	<b>7,817</b>	<b>100.0%</b>
BUG Rating	B1-U4-G4	



##### 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%

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

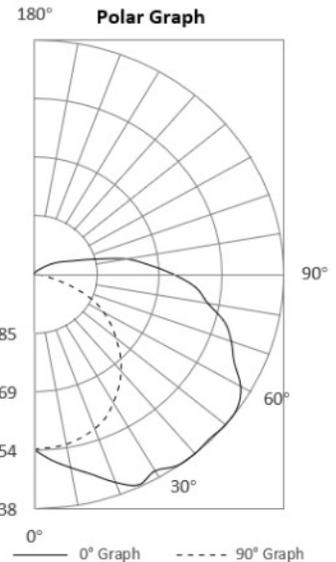
#### WPT-17L-SLSK

##### 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

##### 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%
<b>Total</b>	<b>16,817</b>	<b>100.0%</b>
BUG Rating	B3-U4-G5	



##### 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%

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

### DISTRIBUTOR

Contact Sigtex for layout assistance.  
Code compliant emergency lighting layouts provided!  
Specifications and dimensions subject to change without notice.