

OVERVIEW

High-quality outdoor area light, provides a range of 5,200 to 16,800 nominal lumens and 130 to 161 nominal lumens per watt (Lm/W). The optional factory-installed Sigtex Emergency Lighting Control option ensures full emergency code compliance at the lowest possible cost.

PROJECT:

TYPE:

CATALOG #:

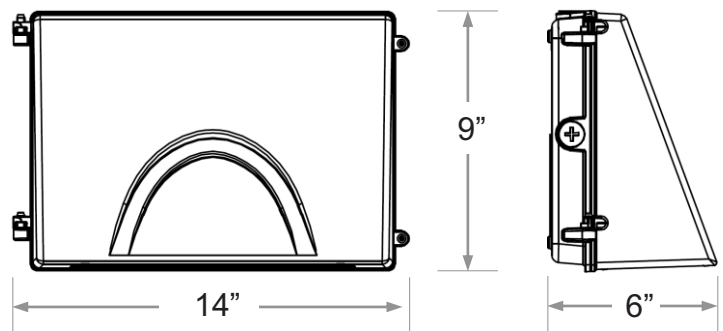
SPECIAL FEATURES

- **Emergency lighting with adjustable Emergency Lighting Control (ELC), powered from a Sigtex low-voltage central battery system.**
- Available with factory-installed UL Listed Emergency Lighting Control (ELC), for connection to a Sigtex central battery, DC emergency power system.
- Field Selectable 3000k, 4000k and 5000k color temperatures.
- Long-life LEDs provide at least 70% of initial lumen output (L_{70}) for > 136,000 hours of operation, and at least 90% of initial lumen output (L_{90}) for > 41,000 hours of operation.*
- LED color maintenance < 0.003 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- 0-10vdc dimming drivers, which provide 10% continuous dimming are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index (Ra) > 80. Red color rendering > 16.
- Cast aluminum housing with dark bronze, powder coat finish
- Polycarbonate lens.
- Three ½" NPT threaded openings.
- Easy installation in new construction or retrofit applications.

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



DIMENSIONS



WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40°C to 45°C (-40°F to 113°F)
- IP65 rated for ingress protection.
- DLC Premium approved.
- Complies with FCC Part 15, class B.
- Surge immunity protection (4kV).
- Complies with RoHS requirements.
- View Sigtex [Warranty](#) for further details

STANDARD



OPTIONS



FIXTURE ORDERING INFORMATION EXAMPLE: WPF-15L-SLSK-MV-ELC40P7

SERIES	SIZE	SELECTABLE ¹		OPERATION	OPTIONS
		NOMINAL LUMENS	COLOR TEMP		
WPF	8L 8,000L	SL 6000LM 7000LM 8000LM	SK 3000K 4000K 5000K	AC 120-277VAC	ELCXXP7 ² Emergency Lighting Control **XX**= VARIES WITH FIXTURE SIZE AND POWER. SEE OPTIONS TABLE FOR COMPLETE PART NUMBER.
	15L 15,000L	SL 11000LM 12000LM 16000LM		RE 24V Remote from central battery	B Button photocell P Pencil photocell

¹ See Electrical Data for specific values

² See ELC details table, Page 2

EMERGENCY LIGHTING CONTROLS (ELC)

For use with Sigtex Lighting DC Central Battery System

MODEL	ELC10P7		ELC40P7	
	EPR ¹ WATTS (MIN.)	EM LUMENS ²	EPR WATTS (MAX.) ³	EM LUMENS
WPF-8L	10	1560	40	6240
WPF-15L	10	1540	40	6160

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:

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

¹ Emergency power rating (Factory Adjustable).

² Nominal output at 4000K and Efficacy in Mid-Lumen Range.

³ Maximum Emergency Power Rating (EPR).

ELECTRICAL DATA

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WPF-8L	Lumens	5251	5526	5722	6659	7048	7198	7877	8682	8552
	Watts	36	35	36	48	46	48	59	57	59
	Efficacy	145	161	158	139	156	151	133	152	144
	Input Current (A)	120V = 0.30A	120V = 0.29A	120V = 0.30A	120V = 0.40A	120V = 0.38A	120V = 0.40A	120V = 0.49A	120V = 0.48A	120V = 0.49A
		240V = 0.15A	240V = 0.15A	240V = 0.15A	240V = 0.20A	240V = 0.19A	240V = 0.20A	240V = 0.25A	240V = 0.24A	240V = 0.25A
		277V = 0.13A	277V = 0.13A	277V = 0.13A	277V = 0.17A	277V = 0.17A	277V = 0.17A	277V = 0.21A	277V = 0.21A	277V = 0.21A

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WPF-15L	Lumens	10,352	10,987	11,227	12,850	13,760	13,916	15,065	16,848	16,374
	Watts	72	71	72	94	92	94	116	113	116
	Efficacy	143	159	155	136	154	148	130	149	141
	Input Current (A)	120V = 0.60A	120V = 0.59A	120V = 0.60A	120V = 0.78A	120V = 0.77A	120V = 0.78A	120V = 0.97A	120V = 0.94A	120V = 0.97A
		240V = 0.30A	240V = 0.30A	240V = 0.30A	240V = 0.39A	240V = 0.38A	240V = 0.39A	240V = 0.48A	240V = 0.47A	240V = 0.48A
		277V = 0.26A	277V = 0.26A	277V = 0.26A	277V = 0.34A	277V = 0.33A	277V = 0.34A	277V = 0.42A	277V = 0.41A	277V = 0.42A

PHOTOMETRIC DATA

WPF-8L

Luminaire Data

Description	Full Cut Off Wall Pack 8L 5K
Total Lumens	8,552
Input Wattage	59
Efficacy (lm/W)	145
Max. Cd.	4088.23 (360H, 29V)
IES Classification	Type II
Longitudinal Classification	Very Short

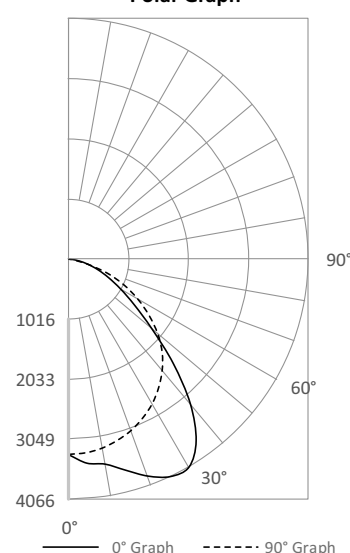
Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	2,710	31.7%
0-60°	7,458	87.2%
0-80°	8,493	99.3%
80-90°	59	0.7%*
0-90°	8,552	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	8,552	100.0%

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	1,491	17.4%
FM 30-60	2,912	34.1%
FH 60-80	775	9.1%
FVH 80-90	49	0.6%
BL 0-30	1,219	14.2%
BM 30-60	1,836	21.5%
BH 60-80	260	3.0%
BVH 80-90	11	0.1%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	8,552	100.0%
BUG Rating	B3-U0-G1	

Polar Graph



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

WPF-15L

Luminaire Data

Description	Full Cut Off Wall Pack 15L 5K
Total Lumens	16,374
Input Wattage	116
Efficacy (lm/W)	141
Max. Cd.	7769.7 (360H, 29V)
IES Classification	Type II
Longitudinal Classification	Very Short

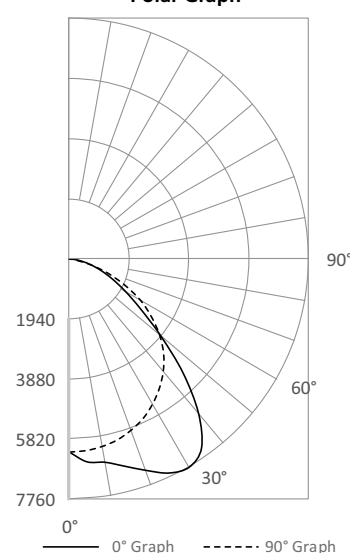
Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	5,099	31.1%
0-60°	14,192	86.7%
0-80°	16,244	99.2%
80-90°	130	0.8%*
0-90°	16,374	100.0%
90-110°	0	0.0%
110-180°	0	0.0%
0-180°	16,374	100.0%

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	2,800	17.1%
FM 30-60	5,696	34.8%
FH 60-80	1,582	9.7%
FVH 80-90	114	0.7%
BL 0-30	2,299	14.0%
BM 30-60	3,398	20.8%
BH 60-80	470	2.9%
BVH 80-90	16	0.1%
UL 90-100	0	0.0%
UH 100-180	0	0.0%
Total	16,374	99.9%
BUG Rating	B3-U0-G2	

Polar Graph



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