

OVERVIEW

High-quality outdoor area light. 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 from 1,290 Lm to 4,880 Lm with adjustable Emergency Lighting Control (ELC), powered from a Sigtex low-voltage central battery system. See Page 3 for details.**
- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide at least 70% of initial lumen output (L70) for > 123,000 hours of operation, and at least 90% of initial lumen output (L90) for > 36,000 hours of operation.*
- LED chromaticity based on < 5-step ANSI quadrangles.
- LED color maintenance < 0.002 chromaticity shift ($\Delta u'v'$) over the initial 6,000 of operation.
- Provides a range of 5,478 to 9,053 nominal lumens and 121 to 129 nominal lumens per watt (lm/W).
- 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) > 70. Red color rendering > -22.
- Cast aluminum housing with dark bronze, powder coat finish.
- Glass lens.
- Three 1/2" NPT threaded openings.
- Easy installation in new construction or retrofit applications.

* Contact factory for other color temperatures and lumen packages.

** L70 and L90 hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -20°C to 45°C (-4°F to 113°F).
- IP65 rated for ingress protection.
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class B.
- Complies with IEEE C.62.41-2002, surge immunity protection (2kV).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- View Sigtex [Warranty](#) for further details



FIXTURE ORDERING INFORMATION EXAMPLE: WPF-58-3L-MV-4K-ELC20P4

WPF

SERIES	POWER WATTS	LUMENS ²	VOLTAGE	COLOR TEMPERATURE	OPTIONS ¹
WPF	43 74	5L 5,000L 9L 9,000L	MV 120-277VAC	4K 4000K 5K 5000K	ELCPXX Emergency Lighting Control PB Button Photocell PN Pencil Photocell **XX"= VARIES WITH FIXTURE SIZE AND POWER. SEE OPTIONS TABLE FOR COMPLETE PART NUMBER.

¹ See Option Detail Tables

² Average values. Contact factory for specific value.

ELECTRICAL DATA

MODEL	COLOR TEMP.	CRI ¹	LUMINAIRE LUMENS	LUMINAIRE WATTS	LUMENS/ WATT	INPUT VOLTAGE ²	INPUT CURRENT (A)			POWER FACTOR	THD ³	L ₇₀ HOURS ⁴
							120V	240V	277V			
WPF-5L-4K	4000K	>70	5,478	43	129	120-277	0.35	0.18	0.15	>0.90	<20%	123,000
WPF-5L-5K	5000K	>70	5,570	43	129	120-277	0.35	0.18	0.15	>0.90	<20%	123,000
WPF-9L-4K	4000K	>70	8,880	73	121	120-277	0.61	0.30	0.26	>0.90	<20%	123,000
WPF-9L-5K	5000K	>70	9,053	74	122	120-277	0.62	0.31	0.27	>0.90	<20%	123,000

¹ Color rendering index.

² All 50-60Hz.

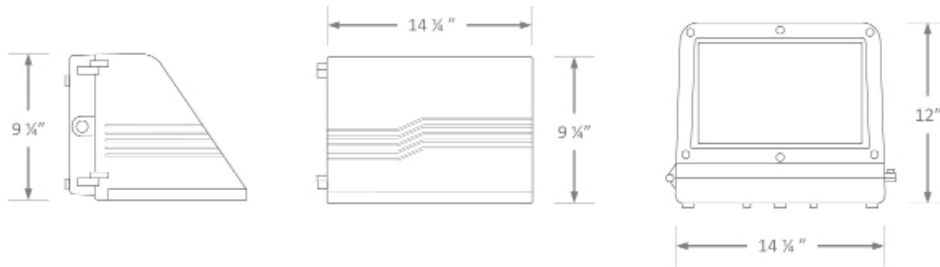
³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

- [IES Files and Zonal Lumen Summaries and Polar Diagrams](#)

DIMENSIONS



OPTIONS

EMERGENCY LIGHTING CONTROLS (ELC) *For use with Central Battery Systems (purchased separately)*

MODEL	OPTION CODE				
	ELC10P2	ELC14P2	ELC20P4	ELC30P4	ELC40P4
	EM Lumens ¹	EM Lumens ²	EM Lumens ¹	EM Lumens	EM Lumens ²
WPF43	1290	1800	2580	3870	-
WPF74	1220	1700	2440	3660	4880

¹ Minimum ² Maximum

Note: Lumen output is factory adjustable. Contact factory for specific values.

Learn more about ELC's on our website, www.signtexinc.com.