PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.

Job Name:

Type:

Part #:

Notes:

PWPFC

Full Cut-off Wall Packs

STANDARD

CERTIFIED | DLC PREMIUM | FULL CUTOFF | WET | 2 kV Surge Protection | IP65

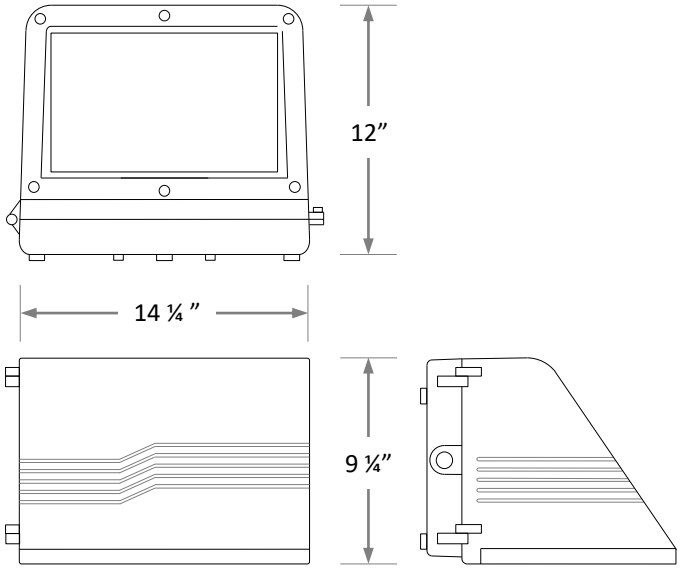
FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide at least 70% of initial lumen output (L_{70}) for
- 123,000 hours of operation, and at least 90% of initial lumen output (L_{90}) for ≥ 36,000 hours of operation.*
- LED chromaticity based on < 5-step ANSI quadrangles.
- LED color maintenance ≤ 0.002 chromaticity shift 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 (R_a) > 70. Red color rendering > -22.
- Cast aluminum housing with dark bronze, powder coat finish.
- Glass lens.
- Three ½" NPT threaded openings.
- Easy installation in new construction or retrofit applications.

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.
- 5-year warranty of all electronics and housing.

DIMENSIONS



ORDERING INFORMATION

Series	Nominal Lumen Output		Color Temperature	
PWPFC				
	5L	5,000 lumens	4K	4000k
	9L	9,000 lumens	5K	5000k

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ELECTRICAL DATA

Model	Color Temperature	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			
PWPFC-5L-4K	4000k	>70	5,478	43	129	120-277	0.35	0.18	0.15	>0.90	<20%	123,000
PWPFC-5L-5K	5000k	>70	5,570	43	129	120-277	0.35	0.18	0.15	>0.90	<20%	123,000
PWPFC-9L-4K	4000k	>70	8,880	73	121	120-277	0.61	0.30	0.26	>0.90	<20%	123,000
PWPFC-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] L_{70} refers to the number of hours at which lumen output declines to 70% of the initial level. L_{70} hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

PWPFC-5L-5K

Luminaire Data

Description	Full Cutoff Wall pack 5L, 5K
Total Lumens	5,570
Input Wattage	43
Efficacy (lm/W)	130
Max. Cd.	1919.28 (337.5H, 3V)
IES Classification	Type VS
Longitudinal Classification	Very Short

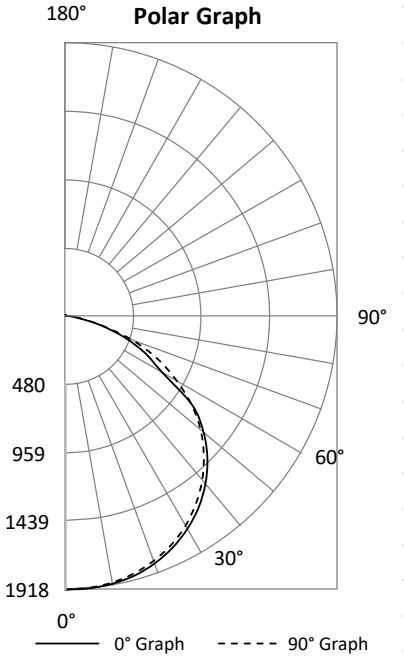
Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	1,527	27.4%
0-60°	4,580	82.2%
0-80°	5,537	99.4%
80-90°	27	0.5%*
0-90°	5,564	99.9%
90-110°	1	0.0%
110-180°	0	0.0%
0-180°	5,570	100.0%

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	766	13.8%
FM	30-60	1,537	27.5%
FH	60-80	481	8.6%
FVH	80-90	14	0.2%
BL	0-30	761	13.7%
BM	30-60	1,515	27.1%
BH	60-80	477	8.6%
BVH	80-90	13	0.2%
UL	90-100	0	0.0%
UH	100-180	6	0.1%
Total		5,570	99.7%
BUG Rating		B2-U1-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

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PHOTOMETRIC DATA

PWPFC-9L-5K

Luminaire Data

Description	Full Cutoff Wall pack 9L, 5K
Total Lumens	9,053
Input Wattage	74
Efficacy (lm/W)	122
Max. Cd.	3167.6 (360H, 3V)
IES Classification	Type VS
Longitudinal Classification	Very Short

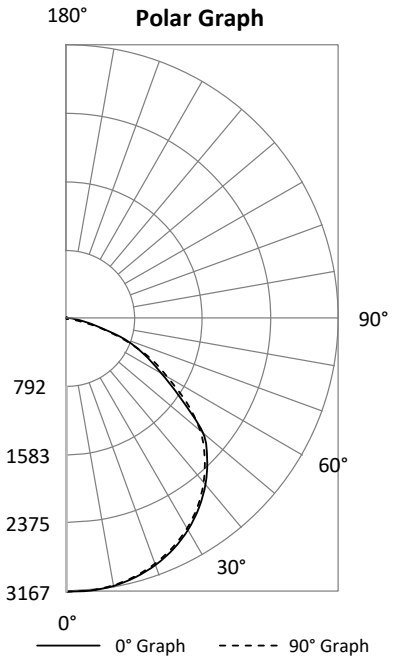
Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	2,525	27.9%
0-60°	7,531	83.2%
0-80°	9,003	99.4%
80-90°	39	0.4%*
0-90°	9,042	99.9%
90-110°	1	0.0%
110-180°	0	0.0%
0-180°	9,053	100.0%

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	1,265	14.0%
FM	30-60	2,504	27.7%
FH	60-80	729	8.0%
FVH	80-90	20	0.2%
BL	0-30	1,260	13.9%
BM	30-60	2,501	27.6%
BH	60-80	744	8.2%
BVH	80-90	20	0.2%
UL	90-100	0	0.0%
UH	100-180	10	0.1%
Total		9,053	99.9%
BUG Rating		B3-U2-G1	

Polar Graph



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