

PLEDWPC SERIES

50 & 80 Watt LED Full-Cutoff Wall Pack

FEATURES

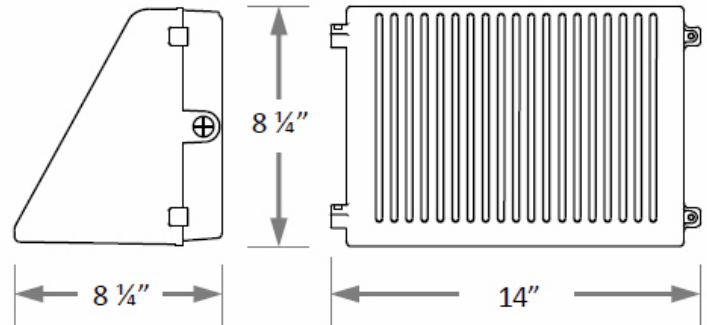
- Available in 4000k (neutral white) and 5000k (cool white) color temperatures*
- Long-life LEDs provide 76,000 hours of operation with at least 70% of initial lumen output (L70)**
- PLEDWPJ50 provides 5,656 lumens and 120 lumens per watt (LPW) at 4000k, or 5,798 lumens and 123 LPW at 5000k*
- PLEDWPJ80 provides 8,789 lumens and 113 LPW at 4000k, or 9,128 lumens and 117 LPW at 5000k*
- Full cutoff (zero lumens above the 90°, horizontal plane, and low glare in the 80° to 90° plane). BUG upright rating is U0
- Uniform illumination with no visible LED pixilation.
- Universal 120-277 AC voltage (50-60Hz) is standard
- 0-10vdc dimming capability is standard on LEDWPJ80
- Power factor > 0.90
- Total harmonic distortion < 20%
- Color rendering index > 80
- Die cast aluminum housing with durable, dark bronze, powder coat paint
- Polycarbonate lens with seamless, silicone gasket to prevent leaks
- Easy installation in new construction or retrofit

* Contact factory for other color temperatures and lumen packages.
 ** L70 hours are IES TM-21-11 calculated hours.



The PLEDWPFC Series is a rugged, durable LED wall pack that provides full cutoff (i.e., zero uplight and low glare at high angles). It is perfect for outdoor perimeter and area lighting, especially in settings required dark-sky compliance. With a die cast aluminum housing and a polycarbonate lens, the PLEDWPFC Series will stand up to many years of punishing environmental conditions. High efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID wall packs.

DIMENSIONS



Weight: 6.8 lb.

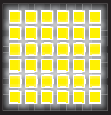
WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F)
- IP65 rated
- Complies with FCC Part 15 class B
- Complies with EN61000-4-5, surge immunity (1kV minimum)
- Complies with EN61000-4-2 level 2 electrostatic discharge (4kV)
- 5-year warranty on all electronics and housing



ORDERING INFORMATION

MODEL	LUMINAIRE WATTS	LUMINAIRE LUMENS	LUMENS/WATT	COLOR TEMP
PLEDWPC50W-4K	47	5,656	120	4K = 4000k
PLEDWPC50W-5K	47	5,798	123	5K = 5000k
PLEDWPC80W-4K	78	8,789	113	4K = 4000k
PLEDWPC80W-5KE	78	9,128	117	5K = 5000k



PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.

TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____

ELECTRICAL

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			
PLEDWPF50W-4K	4000k	> 80	5,656	47	120	120-277	0.39	0.20	0.17	> 90%	< 20%	76,000
PLEDWPF50W-5K	5000k	> 80	5,798	47	123	120-277	0.39	0.20	0.17	> 90%	< 20%	76,000
PLEDWPF80W-4K	4000k	> 80	8,789	78	113	120-277	0.65	0.33	0.28	> 90%	< 20%	76,000
PLEDWPF80W-5KE	5000k	> 80	9,128	78	117	120-277	0.65	0.33	0.28	> 90%	< 20%	76,000

¹ Color rendering index

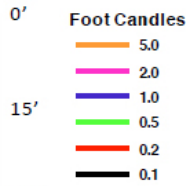
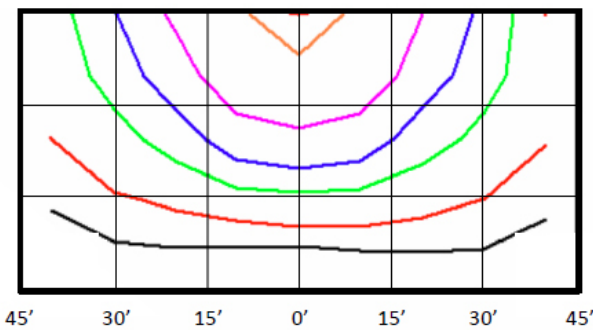
² Total harmonic distortion

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

LEDWPF50W-5K (5,798 Lumens)



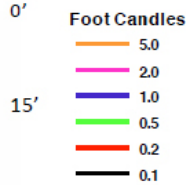
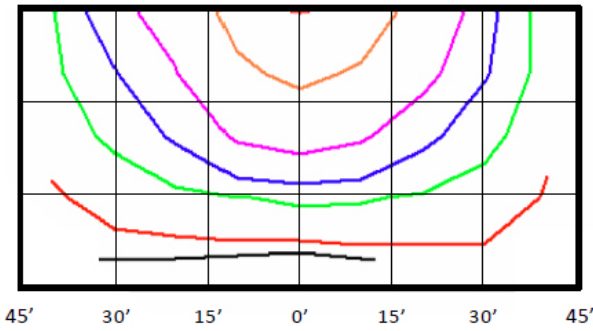
Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.

BUG Rating: B2-U0-G1

Zone	Lumens	%
FL - Front - Low (0-30)	724	12%
FM - Front - Medium (30-60)	2,044	35%
FH - Front - High (60-80)	928	16%
FVH - Front - Very High (80-90)	49	1%
Total Forward Light	3,745	65%
BL - Back - Low (0-30)	681	12%
BM - Back - Medium (30-60)	1,131	20%
BH - Back - High (60-80)	230	4%
BVH - Back - Very High (80-90)	10	0%
Total Back Light	2,053	35%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	5,798	100%

LEDWPF80W-5K (9,128 Lumens)



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.

BUG Rating: B3-U0-G1

Zone	Lumens	%
FL - Front - Low (0-30)	1,088	12%
FM - Front - Medium (30-60)	3,197	35%
FH - Front - High (60-80)	1,503	16%
FVH - Front - Very High (80-90)	62	1%
Total Forward Light	5,849	64%
BL - Back - Low (0-30)	1,062	12%
BM - Back - Medium (30-60)	1,871	21%
BH - Back - High (60-80)	332	4%
BVH - Back - Very High (80-90)	13	0%
Total Back Light	3,279	36%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	9,128	100%