



**PROlite** LED Lighting™

A Division of Emergensee® Lighting, Inc.

TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_

JOB NAME: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

CATALOG NO: \_\_\_\_\_

NOTES: \_\_\_\_\_

# PLEDWPCA12W

12 Watt Adjustable Full Cutoff LED Area Light

## FEATURES

- Available in 3000k (warm white), 4000k (neutral white) and 5000k (cool white) color temperatures\*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L70)\*\*
- Delivers 1,250 lumens and 106 lumens per watt (LPW) at both 3000k & 4000k, and 1,321 lumens and 111 LPW at 5000k\*
- Heavy-duty, spring-loaded hinge provides the flexibility of focusing light near the mounting surface or projecting light forward
- Universal 100-277 AC voltage (50-60Hz) is standard
- Watertight, compression-type electrical connectors prevent moisture intrusion
- Power factor > 0.90
- Total harmonic distortion < 20%
- Color rendering index > 80
- Die cast aluminum housing with durable, dark bronze, powder coat paint
- Durable, UV-resistant polycarbonate lens
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit, or for button photocells
- Easy installation in new construction or retrofit

\*Contact factory for other color temperatures and lumen packages

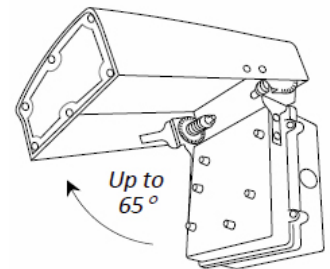
\*\* L70 hours are IES TM-21-11 calculated hours.



The PLEDWPCA series is a contemporary, commercial-grade area luminaire. It features a heavy-duty, spring-loaded hinge, which provides the flexibility of focusing light near the mounting surface or projecting light forward. With a die cast aluminum housing and a polycarbonate lens, the PLEDWPCA 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 area lights.

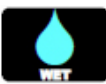
## VERTICAL ADJUSTABILITY

- Heavy-duty, spring-loaded hinge provides vertical adjustability of the luminaire housing up to 65°
- Adjustability provides for a range of lighting effects from full-cutoff downlight to forward throw
- Knurled notches securely retain rotated position even in demanding environments.

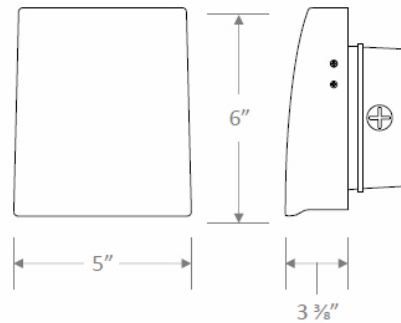


## WARRANTY & LISTINGS

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



## DIMENSIONS



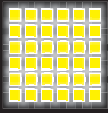
Weight: 2.4 lb.

## ORDERING INFORMATION

MODEL	LUMINAIRE WATTS	LUMINAIRE LUMENS	LUMENS PER WATT	COLOR TEMPERATURE
PLEDWPCA12W-3K	12	1,250	45	3000k
PLEDWPCA12W-4K	12	1,250	45	4000k
PLEDWPCA12W-5K	12	1,321	85	5000k

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## ELECTRICAL DATA

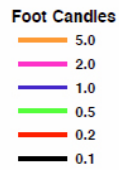
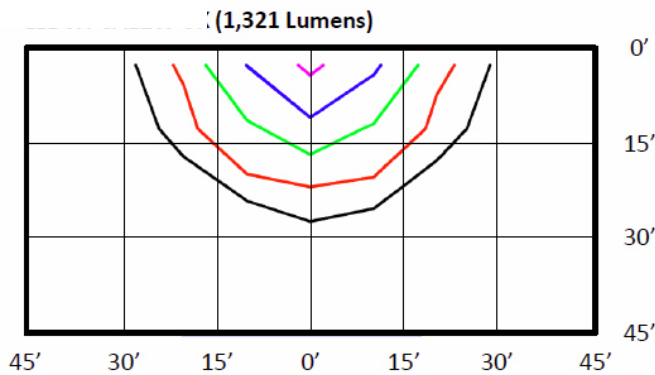
MODEL	COLOR TEMP	CRI <sup>1</sup>	LUMINAIRE LUMENS	LUMINAIRE WATTS	LUMENS PER WATT	INPUT VOLTAGE	INPUT CURRENT (A)			POWER FACTOR	THD <sup>2</sup>	L <sub>70</sub> Hours
							120V	240V	277V			
PLEDWPCA12W-3K	3000k	> 80	1,250	12	106	120-277 (50-60Hz)	0.10	0.05	0.04	> 90%	< 20%	69,000
PLEDWPCA12W-4K	4000k	> 80	1,250	12	106	120-277 (50-60Hz)	0.10	0.05	0.04	> 90%	< 20%	69,000
PLEDWPCA12W-5K	5000k	> 80	1,321	12	111	120-277 (50-60Hz)	0.10	0.05	0.04	> 90%	< 20%	69,000

<sup>1</sup> Color rendering index

<sup>2</sup> Total harmonic distortion

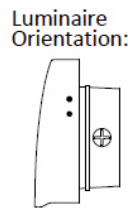
<sup>3</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

## PHOTOMETRIC DATA



**Notes:**

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



**BUG Rating: B1-U0-G0**

Zone	Lumens	%
FL - Front - Low (0-30)	229	17%
FM - Front - Medium (30-60)	373	28%
FH - Front - High (60-80)	89	7%
FVH - Front - Very High (80-90)	4	0%
<b>Total Forward Light</b>	<b>696</b>	<b>53%</b>
BL - Back - Low (0-30)	212	16%
BM - Back - Medium (30-60)	322	24%
BH - Back - High (60-80)	82	6%
BVH - Back - Very High (80-90)	8	1%
<b>Total Back Light</b>	<b>625</b>	<b>47%</b>
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
<b>Total Up Light</b>	<b>0</b>	<b>0%</b>
<b>Total Lumens</b>	<b>1,321</b>	<b>100%</b>