

PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.

TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____

PLEDSHOPLITE LED Shoplite



FEATURES

The PRKCBLED22 2x2 retrofit center baskets are designed to transform existing 2x2 fluorescent recessed luminaires into high performance LED luminaires. The PRKCBLED22 2x2 series is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores. This high-efficacy luminaire provides long-life and uniform illumination, as well as standard 0-10vdc dimming capability.

- Available in 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 122,000 hours of operation with at least 70% of initial lumen output (L70).**
- PRKCBLED22-23W provides 2,876 luminaire lumens (125 lumens per watt, LPW) at 3500k; 3,000 luminaire lumens (130 LPW) at 4000k; and 2,969 luminaire lumens (129 LPW) at 5000k.*
- PRKCBLED22-33W provides 4,004 luminaire lumens (121 LPW) at 3500k; 4,158 luminaire lumens (126 LPW) at 4000k; and 4,191 luminaire lumens (127 LPW) at 5000k.*
- Uniform illumination with no visible LED pixelation.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Steel housing and acrylic lens.
- Easy installation in existing 2x2 fluorescent recessed housings.

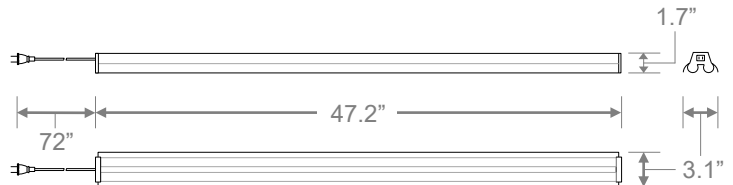
* Contact factory for other color temperatures and lumen packages. ** L70 hours are IES TM21-11 calculated hours.



WARRANTY & LISTINGS

- cETLus for damp locations.
- Suitable for ambient temperatures from -20°C to 40°C (-4°F to 104°F).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, class B.
- Complies with ANSI/IEEE C62.41, surge immunity protection (2.5kV).
- 5-year warranty of all electronics and housing.

DIMENSIONS

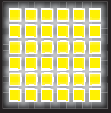


Weight: 1.5 lbs.

ORDERING INFORMATION

Example: PLEDSHOPLITE-40W-4K

Model	Watts	Color Temperature	Lumens	Lumens Per Watt (LPW)
PLEDSHOPLITE	40W	4K = 4000k	4,203	110



ELECTRICAL

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)	Power Factor	THD ³	L ₇₀ Hours ⁴
PLEDSHOPLITE-40W-4K	4000k	> 80	4,203	38	110	120	0.32	> 0.90	< 20%	≥ 54,000

¹ Color rendering index.

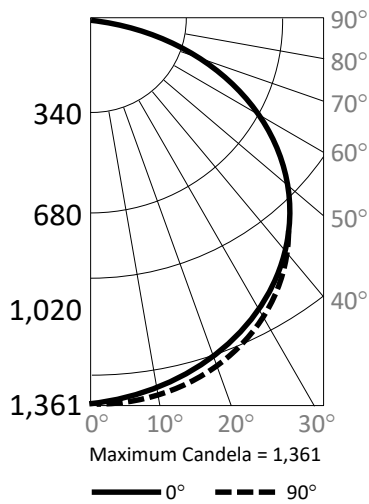
² All 50-60Hz.

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

PLEDSHOPLITE-40W-4K (4,203 Lumens)



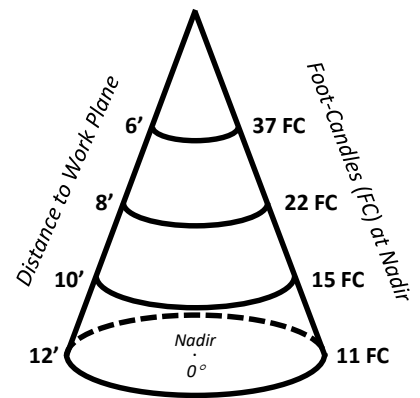
Candlepower Summary

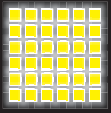
	0°	90°
0°	1,361	1,361
10°	1,301	1,333
20°	1,194	1,273
30°	1,052	1,194
40°	887	1,094
50°	712	940
60°	531	713
70°	351	435
80°	192	133
90°	68	1

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° – 10°	128	3.0%
0° – 20°	495	11.8%
0° – 30°	1,055	25.1%
0° – 40°	1,743	41.5%
0° – 50°	2,477	58.9%
0° – 60°	3,167	75.3%
0° – 70°	3,721	88.5%
0° – 80°	4,071	96.9%
0° – 90°	4,188	99.6%
90° – 180°	15	0.4%
0° – 180°	4,203	100.0%

Cone of Light





PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.



TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____