



**PROlite** LED Lighting™

A Division of Emergensee® Lighting, Inc.

TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_  
JOB NAME: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_  
CATALOG NO: \_\_\_\_\_  
NOTES: \_\_\_\_\_

# PLEDPNL1X4-35W

Premium Performance 35 Watt 1x4 Ultra-Thin Edge-Lit LED Panel

## FEATURES

- Available in 3000k (warm white), 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide 81,000 hours of operation with at least 70% of initial lumen output (L70).\*\*
- Provides 4,517 luminaire lumens (122 lumens per watt, LPW) at 3000k; 4,616 luminaire lumens (125 LPW) at 3500k; 4,673 luminaire lumens (126 LPW) at 4000k, and 4,730 luminaire lumens (128 LPW) at 5000k.\*
- Uniform illumination with no visible LED pixilation
- 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
- Aluminum housing
- PMMA (polymethyl methacrylate) acrylic lens with light guide panels for optimal light distribution and efficiency
- Easy installation in new construction or retrofit
- Standard earthquake clips provide secure installation in grid ceilings
- Standard mounting options include recessed mounting in grid ceilings, or suspended mounting using attached hanging brackets. For mounting in plaster or other hard ceiling, see Mounting Kits

\*Contact factory for other color temperatures and lumen packages  
\*\*L<sub>70</sub> hours are IES TM-21-11 calculated hours

## WARRANTY & LISTINGS

- UL listed for damp locations and insulated ceilings (IC-rated) for use in ambient temperatures from -25°C to 50°C (-13°F to 122°F)
- DLC Premium listed
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, part B
- Complies with IEEE C.62.41, input transient protection (2kV)
- 5-year warranty of all electronics and housing.

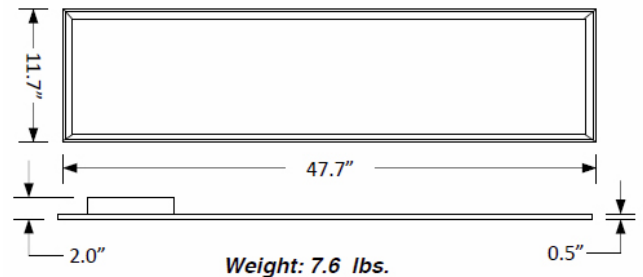


The premium-performance, ultra-thin, edge-lit LED panel (LEDPNL) series offers industry-leading lumens per watt (LPW). The PLEDPNL is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores, and is the perfect choice for both new construction and retrofits. This high-efficacy luminaire provides long-life and uniform illumination, as well as standard 0-10 vdc dimming capability.

## MOUNTING OPTIONS

- Optional surface & flange mounting kits provide for installation on plaster or other hard ceilings
- Optional cable mounting kits provide additional security, as well as suspended mounting
- See last page for details

## DIMENSIONS

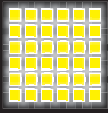


## ORDERING INFORMATION: EXAMPLE: PLEDPNL1X4-35W-3KMV-PRM-BES-SMK14 + LEDPNL-EMBRKT

MODEL	LUMINAIRE WATTS	LUMINAIRE LUMENS	LUMENS/WATT	COLOR TEMP	INPUT VOLTAGE	DLC LISTING	OPTIONS
PLEDPNL1X4-35W-3KMV-PRM-BES	37	4,517	122	3K = 3000k	MV= Multi-volt (120-277V)	PRM-BES= DLC Premium	SMK14 = Surface Mounting Kit (1x4) FLANGEKIT14-ET = Flange Mounting Kit (1x4) LEDPNL-CMK = Cable Mounting Kit, Quantity 6, 1 meter long, 1/16" diameter, with spring clips & adjustable, locking ceiling attachment LEDPNL-EMBRKT = Bracket for emergency battery backup unit
PLEDPNL1X4-35W-35KMV-PRM-BES	37	4,616	125	35K = 3500K			
PLEDPNL1X4-35W-4KMV-PRM-BES	37	4,673	126	4K = 4000k			
PLEDPNL1X4-35W-5KMV-PRM-BES	37	4,730	128	5K = 5000k			

215-512-8100 • Fax 267-288-5604  
421 Bustleton Pike, Feasterville, PA 19053  
www.proliteled.com

Specifications subject to change without prior notice.  
© 2016, PROlite LED Lighting, Inc. ALL RIGHTS RESERVED



**PROlite** LED Lighting™

A Division of Emergensee® Lighting, Inc.



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

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

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

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

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

## ELECTRICAL DATA

MODEL	COLOR TEMP	CRI <sup>1</sup>	LUMINAIRE LUMENS	LUMINAIRE WATTS	LUMENS/WATT	INPUT VOLTAGE <sup>2</sup>	INPUT CURRENT (A)			POWER FACTOR	THD <sup>3</sup>	L <sub>70</sub> HOURS <sup>4</sup>
							120V	240V	277V			
PLEDPNL1X4-35W-3KMV-PRM-BES	3000k	> 80	4,517	37	122	120-277	0.31	0.15	0.13	> 90%	< 20%	81,000
PLEDPNL1X4-35W-35KMV-PRM-BES	3500k	> 80	4,616	37	125	120-277	0.31	0.15	0.13	> 90%	< 20%	81,000
PLEDPNL1X4-35W-4KMV-PRM-BES	4000k	> 80	4,673	37	126	120-277	0.31	0.15	0.13	> 90%	< 20%	81,000
PLEDPNL1X4-35W-5KMV-PRM-BES	5000k	> 80	4,730	37	128	120-277	0.31			> 90%	< 20%	81,000

<sup>1</sup> Color rendering index

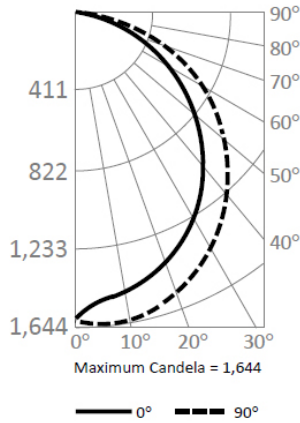
<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion

<sup>4</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

LEDPNL1X4-35W-5KMV-PRM-BES (4,730 Lumens)



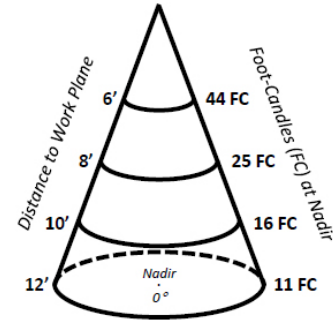
### Candlepower Summary

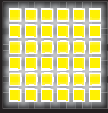
	0°	90°
0°	1,598	1,598
10°	1,490	1,626
20°	1,394	1,550
30°	1,242	1,414
40°	1,047	1,229
50°	812	1,009
60°	565	762
70°	307	496
80°	77	231
90°	0	24

### Zonal Lumen Summary


Zone	Lumens	% Fixture
0° - 10°	159	3.4%
0° - 20°	615	13.0%
0° - 30°	1,304	27.6%
0° - 40°	2,133	45.1%
0° - 50°	2,985	63.1%
0° - 60°	3,749	79.3%
0° - 70°	4,321	91.4%
0° - 80°	4,640	98.1%
0° - 90°	4,730	100.0%
90° - 180°	0	0.0%
0° - 180°	4,730	100.0%

### Cone of Light





# PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc. 

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

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

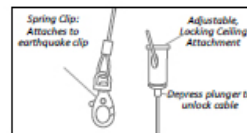
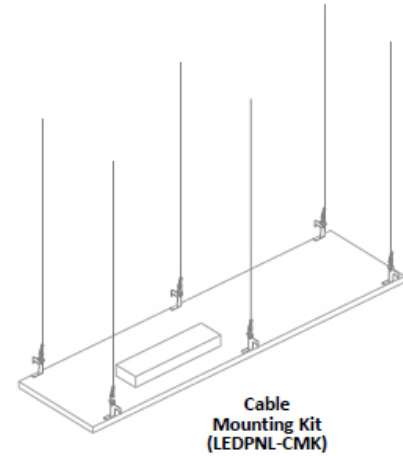
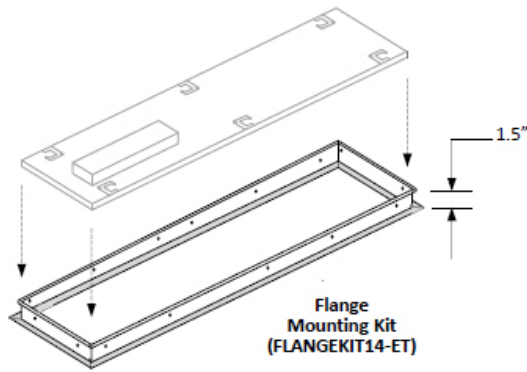
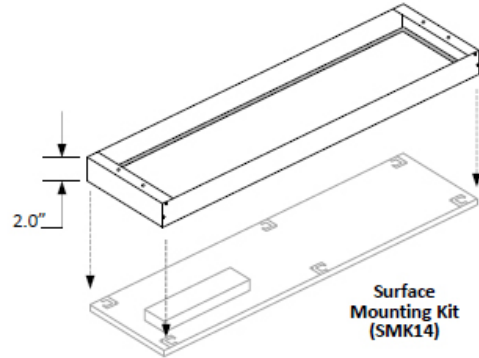
CONTRACTOR: \_\_\_\_\_

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

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

## OPTIONS

- Optional surface mounting kits (SMK14) mounts below the ceiling
- Optional flange mounting kits provide for recessed installation on plaster or other hard ceilings. Attach Flange Mount Kit (FLANGEKIT14-ET) to ceiling joists or other stationary structures, and the panel is mounted flush to the ceiling
- Optional cable mounting kits provide additional security, as well as suspended mounting. Attach one end of the Cable Mount Kit (LEDPNL-CMK) to luminaire earthquake clips using spring clips, and attach the other end to stationary structures using the adjustable, locking ceiling attachment (see picture below right).



**Cable Mount Kit:**

- Spring Clip
- Adjustable, locking ceiling attachment