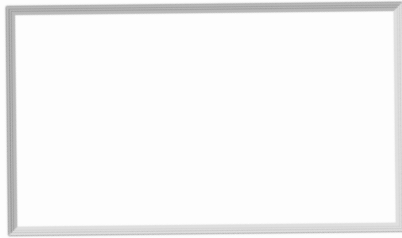


LED Flat Panel 2 X 4, 35W

Ultra-Thin Edge-Lit LED Panel



Description

The premium-performance, ultra-thin, edge-lit LED panel (LFP-2435) series offers industry-leading lumens per watt (LPW). The LFP 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.

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).**
- 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. Optional surface mounting requires a surface mounting kit (option SMK).

* Contact factory for other color temperatures and lumen packages.

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

Sample Ordering Information

LFP-2435-30-MV

2'x4'

35 Watts

3,000K Color

Multi-Volt

Ordering Information

Model	Color	Input Voltage	Accessory
LFP-2435 (36 Watt)	30 =3000K 35 =3500K 40 =4000K 50 =5000K	MV =Multi-volt (120-277V)	LFP-SMK24[‡] Surface Mounting Kit

[‡]Field Installed

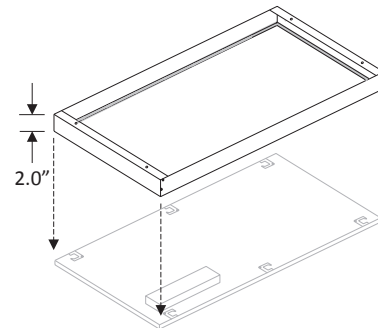
Project:	
Catalog#:	
Approved by:	

Warranty & Listings

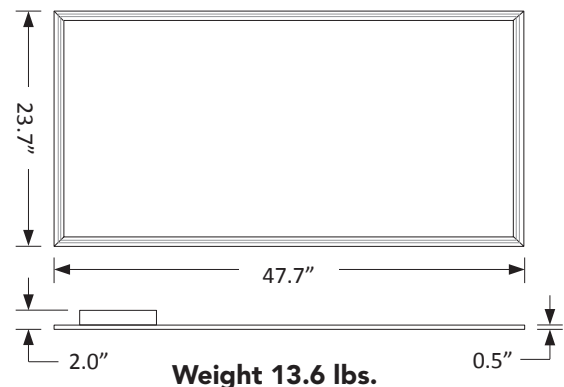
- UL listed for damp locations and insulated ceilings (IC-rated) for use in ambient temperatures from -25°C to 50°C (-13°F to 122°F).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, part B.
- Complies with IEEE C.62.41-1991, input transient protection (2.5kV).
- 5-year warranty of all electronics and housing.

Surface Mounting Kit

- *Optional surface mounting kit provides for installation on plaster or other hard ceilings.*



Dimensions



Weight 13.6 lbs.



Electrical Data

Model	CCT	CRI ¹	Lumens	Watts	Lm/W	Input Voltage ₂	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LFP-2435-30K	3000K	> 80	4,516	36W	125	120-277V	0.30	0.15	0.13	> 90%	< 20%	81,000 hrs
LFP-2435-35K	3500K		4,540		126							
LFP-2435-40K	4000K		4,589		127							
LFP-2435-50K	5000K		4,637		129							

¹ Color rendering index.

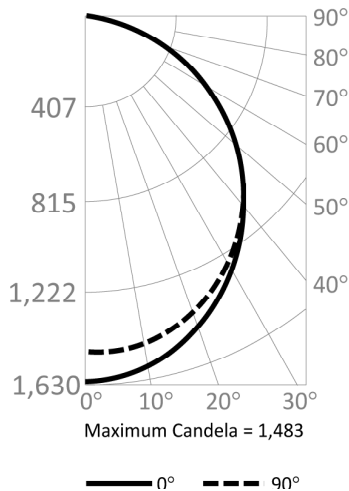
² All 50-60Hz.

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.

Model: **LFP-2435-50K (4,637 lumens)**

Photometric Data



Candlepower Summary

	0°	90°
0°	1,569	1,569
10°	1,472	1,620
20°	1,400	1,551
30°	1,270	1,423
40°	1,099	1,252
50°	879	1,035
60°	637	795
70°	361	522
80°	116	251
90°	0	34

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° – 10°	149	3.2%
0° – 20°	578	12.5%
0° – 30°	1,229	26.5%
0° – 40°	2,015	43.5%
0° – 50°	2,831	61.1%
0° – 60°	3,566	76.9%
0° – 70°	4,121	88.9%
0° – 80°	4,430	95.5%
0° – 90°	4,513	97.3%
90° – 180°	124	2.7%
0° – 180°	4,637	100.0%

Cone of Light

