

# LEDFP22UNV-XXK

40 Watt 2x2 Ultra-Thin  
Edge-Lit LED Panel



Project:	
Type:	
Catalog #:	

## STANDARD



The ultra-thin, edge-lit LED panel (LEDFP22) series 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 5000k color temperatures.\*
- Long-life LEDs provide 56,000 hours of operation with at least 70% of initial lumen output ( $L_{70}$ ).<sup>†</sup>
- Provides 4,480 luminaire lumens (112 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.
- 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.

<sup>†</sup>  $L_{70}$  hours are IES TM-21-11 calculated hours.

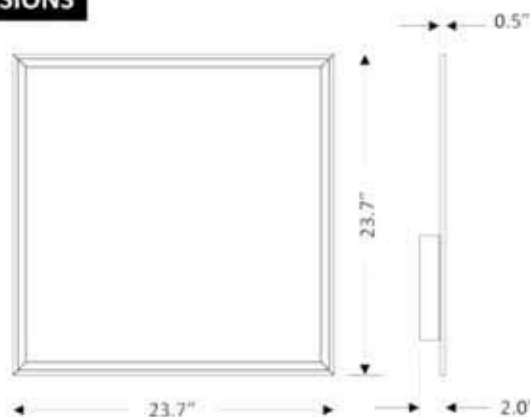
## WARRANTY & LISTINGS

- ETL listed to applicable U.L. standards for damp locations and insulated ceilings (IC-rated). Suitable for ambient temperatures from -25°C to 45°C (-13°F to 113°F).
- DLC standard approved.
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15.
- 5-year warranty of all electronics and housing.

## MOUNTING KITS See below for details

- 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.

## DIMENSIONS



Weight: 9 ½ lbs.

## ORDERING INFORMATION

Example:

Model	Luminaire Watts	Luminaire Lumens	Lumens/Watt	Color Temperature	Options (See below for details)
LEDFP22UNV-50K	40	4,480	112	50K = 5000k	LEDFP22SMK = Surface Mounting Kit (2x2) LY22FK = Flange Mounting Kit (2x2)
LEDFP22UNV-41K	40	4,134	103	40K = 4000K	GRIPPLE10 = Cable Mounting Kit, Quantity 6, GRIPPLE15 1 meter long, 1/16" diameter, with spring clips & adjustable, locking ceiling attachment
					LEDFP22EMBRKT= Bracket for emergency battery backup unit

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## ELECTRICAL DATA

Model	Color Temperature	CRI <sup>1</sup>	Luminaire Lumens	Luminaire Watts	Lumens Per 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			
LEDFP22UNV-40K	4000K	>80	4,134	40	103	120-277	0.33	0.17	0.14	>90	<20%	56,000
LEDFP22UNV-50K	5000k	>80	4,480	40	112	120-277	0.33	0.17	0.14	>90%	<20%	56,000

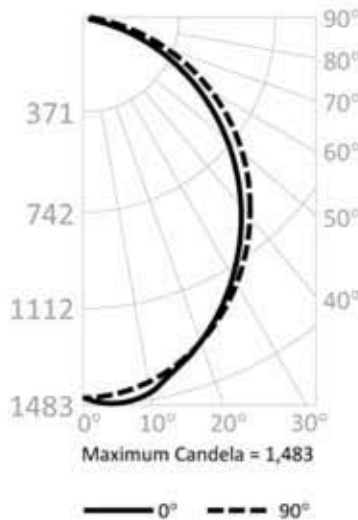
<sup>1</sup> Color rendering index.

<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



### Candlepower Summary

	0°	90°
0°	1,450	1,450
10°	1,414	1,405
20°	1,300	1,322
30°	1,137	1,187
40°	942	1,004
50°	724	783
60°	494	549
70°	266	311
80°	65	93
90°	0	0

### Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	35	0.9%
0° - 20°	311	7.5%
0° - 30°	823	19.9%
0° - 40°	1,500	36.3%
0° - 50°	2,247	54.3%
0° - 60°	2,962	71.6%
0° - 70°	3,552	85.9%
0° - 80°	3,951	95.6%
0° - 90°	4,134	100.0%
90° - 180°	0	0.0%
0° - 180°	4,134	100.0%

### Cone of Light

