

LED Flat Panel

LFP Series – Color/Wattage Tunable



Features

- High output LEDs provide 80+ CRI
- Long-life LEDs provide 150,000 hours of operation with at least 70% of initial lumen output (L70). L70 hours are IES TM-21-11 calculated hours.
- Uniform illumination with no visible LED pixelation. High transmittance light guide panels (LGP) allow for soft light, illumination uniformity, and high efficiency.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.95, Total harmonic distortion < 15%.
- Easy installation in new construction or retrofit. Fits in standard grid ceilings.
- Standard earthquake clips provide secure installation in grid ceilings.

| | |
|--------------|--|
| Project: | |
| Catalog#: | |
| Approved by: | |

Applications

Schools
Hospitals

Offices
Stores

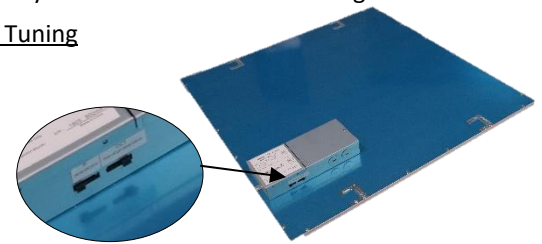
Description

The premium-performance LFP-CTWT series is an ultra-thin, edge-lit LED flat panel luminaire, which is color tunable and wattage tunable using selector switches. This unit allows maintenance departments to carry less inventory through reduced number of unique models. Specific color and wattages can be achieved to meet required facility needs. It offers industry-leading lumens per watt (LPW). The LFP series is designed as a direct replacement for fluorescent luminaires installed in grid ceilings. It 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 0-10vdc dimming capability.

Warranty and Listings

- UL listed for damp locations and insulated ceilings (IC-rated) for use in ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

Color/Wattage Tuning



Ordering Information

| Model # | Dimensions | Performance ¹ | Efficiency | Color Temp. ² (CCT) | Package Quantity | Input Current max. (A) | |
|---------------|----------------------|--|------------|-------------------------------------|-----------------------------------|------------------------|-------|
| | | | | | | 120V | 277V |
| LFP14CTWT-MVA | 11.9" x 47.8" x 1.8" | 3300 lumens @ 30W 3850 lumens @ 35W | 110 lm/W | 3000K/ 3500K/ 4000K/ 5000K | LFP14CTWT and LFP22CTWT Series | 0.250 | 0.108 |
| LFP22CTWT-MVA | 23.8" x 23.8" x 1.8" | 4400 lumens @ 40W 4950 lumens @ 45W | | | | Sold in multiples of 4 | 0.291 |
| LFP24CTWT-MVA | 23.8" x 47.8" x 1.8" | 3850 lumens @ 35W 4400 lumens @ 40W 4950 lumens @ 45W 5500 lumens @ 50W | | | LFP24CTWT Series | | 0.333 |
| LFP24CTWT-MVB | | 6050 lumens @ 55W 6600 lumens @ 60W 7150 lumens @ 65W 7920 lumens @ 72W | | | | Sold in multiples of 2 | 0.375 |
| | | | | | | | 0.416 |
| | | | | | | 0.458 | 0.198 |
| | | | | | | 0.500 | 0.216 |
| | | | | | | 0.541 | 0.234 |
| | | | | | | 0.600 | 0.259 |

¹ Wattage tuning with selector switch

² Color tuning with selector switch