

| Project | Type |
|---------|------|
| | |

DESCRIPTION

Flat Panel (FLP) is an LED troffer luminaire designed for installation in 1-foot by 4-foot conventional suspended grid ceilings for new construction or retrofit projects. Featuring superior, evenly dispersed lighting that sets the standard in performance for solid state ceiling luminaires, FLP 1x4 can also significantly reduce the number of fixtures needed to light a given area. Custom fixture and power supply kit design allows for quick and easy installation, reducing costly labor time. The superior thermal design will extend both the life of the fixture and power supply. And by still emitting 70% of the original light output after more than 239,000 hours**, FLP 1x4 will last many years without the need for costly replacement or maintenance.

FEATURES

- Phenomenal light output using only 36 Watts or 45 Watts
- Sealed, type Non-IC fixture
- Class 2 compliant design (low voltage, limited power)
- L70 lifetime of more than 239,000 hours** with 36 Watts; 179,000 hours** with 45 Watts.
- Fixture dimmable via Mark 7 (0-10V) dimming interface
- 5-year warranty

CERTIFICATION

- UL Listed (UL 1598, file #: E344008)
- DLC approved
- NSF approved
- CEC approved
- C-Tick certified
- LM-79 available



FLAT PANEL FLP

1' x 4' Troffer, Flat Panel
36 W / 3450 Lumens
45 W / 4050 Lumens



| ENERGY DATA | 36 Watt | 45 Watt |
|-----------------------------|-----------|-----------|
| CCT (K) | 4000 | 4000 |
| Input Voltage (VAC) | 120 - 277 | 120 - 277 |
| System Level Power (W)* | 36 | 45 |
| Delivered Lumens (Lm) | 3450 | 4050 |
| System Efficacy (Lm/W)* | 95 | 90 |
| Color Rendering Index | 80 min | 80 min |
| L70 Calculated Life (Hrs)** | 239,000 | 173,000 |
| L85 Calculated Life (Hrs)** | 110,000 | 79,000 |
| Operating Temp (°C) | -30 to 50 | -30 to 50 |

* Measured at 277VAC
** Projected LED lumen maintenance based on the IES TM-21 model. Calculation is based on 10,000 hours of LM-80 data. Fixture average ambient temperature is 25°C.

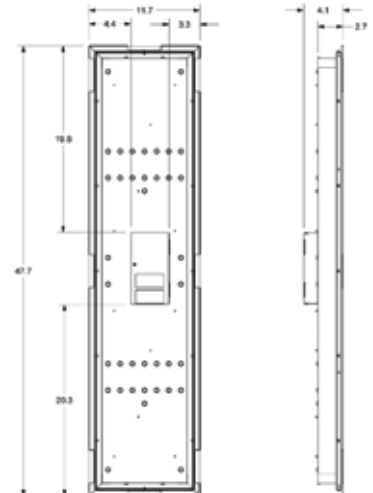
FIXTURE ORDERING INFORMATION

Example: FLP-14L-36W3450L-40K-EM

| FLP | 14L | | 40K | |
|--------|-------------|---|------------------|--------------------------|
| Series | Size | Watts/Lumens | Color Temp (K) | Options |
| FLP | 14L 1' x 4' | 36W3450L 36 Watts/3450 Lumens | 40K 4000K | EM Battery Backup |
| | | 45W4050L 45 Watts/4050 Lumens | | |

SPECIFICATIONS

| | |
|----------------------|-------------------|
| Dimensions (in) | 47.7 x 11.7 x 4.1 |
| Units/carton | 1 |
| Net weight | 15.5 lbs |
| Environmental Rating | Dry |



Warranty issues can be resolved and replacement parts are handled through Texas Fluorescents Customer Service Department by phone at 972-247-3171.

Specifications and dimensions subject to change without notice.

DATASHEET 08.12.2013