

## FPRT24

2X4 LED Recessed Troffer

Catalog #

Note

Type

### Product Description

Designed with the look of a traditional fluorescent fixture, the FPRT24 LED recessed troffer comes standard with a frosted diffuser and offers a classic recessed troffer housing with Osram Sylvania LED modules and 0-10V dimming LED driver. The FPRT24 LED recessed troffer is a cost-effective and energy efficient alternative to traditional fluorescent fixtures designed for drop ceilings and dry wall mounting (order drywall mounting kit separately) for commercial and industrial applications like offices, schools and hospitals.

The FPRT24 LED recessed troffer delivers 6167 lumens at 4000K, accepts 120-277VAC, consumes 62 watts and produces luminous intensity equivalent to 3XF32T8 fluorescent troffer fixture. The FPRT24 LED recessed troffer is 0-10V dimming, and also available in emergency battery pack option.

### Performance Summary

120-277VAC Input Voltage

62W Input Power, 3XF32T8 Fluorescent Troffer Equivalent

100 LPW Efficacy

6167 Lumens Lighting Output

3000K, 3500K, 4000K Color Temperature

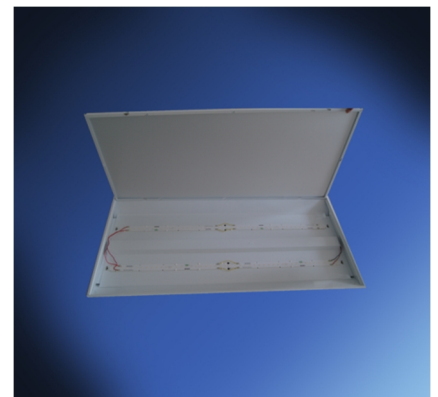
50,000 Hours Lifetime

5 Years Warranty

0-10V Dimming

Emergency Battery Pack Optional

Recessed or Suspended Installation



### Ordering Information

Example: FPRT2462HU40K61L10D

| MODEL                     | SIZE      | WATTAGE | VOLTAGE       | COLOR TEMP                          | LUMEN OUTPUT | LIGHTING CONTROL  | OPTIONS              |
|---------------------------|-----------|---------|---------------|-------------------------------------|--------------|-------------------|----------------------|
| FPRT LED Recessed Troffer | 24 2X4 ft | 62 22W  | HU 120-277VAC | 40K 4000K<br>35K 3500K<br>30K 3000K | 61L 6167LM   | 10D 0-10V Dimming | B10 10W Battery Pack |

### Accessories

| MODEL      | DESCRIPTION   |
|------------|---|
| DWMK24EAWF | Drywall Mounting Kit, 2X4, Extruded Aluminum White Finish, Assembling Screws Supplied |

### Notes:

Lead times will vary depending on options selected. Consult with your sales representative.  
Specifications tolerance: ± 5%.

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### Features & Specifications

#### CONSTRUCTION & MATERIALS

- Fixture assembly constructed of die cast 24 gauge galvanized steel ,rigidly fabricated
- Smooth Edges for easy handling
- Clear appearance with no exposed fasteners
- High transparency PMMA lens
- High reflectance white reflector
- Door hinges are either side for easy maintenance
- Positive locking cam action latches with matching finish

#### MOUNTING AND WIRING

- Recessed mounting for drop-in ceiling types
- Surface mounting kit for dry wall applications

#### ENVIRONMENTAL SYSTEM

- Rated for dry locations

#### ELECTRICAL SYSTEM

- Osram Sylvania LED driver
- Universal input voltage 120-277VAC, 50/60Hz

#### OPTICAL SYSTEM

- High efficient frosted diffuser
- High performance Osram LEP-1300-LV LED modules
- Color temperature: 4000K. 3000K and 3500K available for special order, consult factory for lead time

#### LIGHTING CONTROL

- Osram LED Driver, compatible with 0-10V dimming controls with a range of 10-100%.

| PHYSICAL SPECIFICATION        |  |
|-------------------------------|--|
| Dimension                     | 47 3/5x23 7/8x3 1/3 inch<br>1209X603X8.46 mm                                   |
| Housing                       | Galvanized steel   |
| Lens Type                     | Frosted diffuser   |
| Finish                        | White  |
| Mounting                      | Drop in or surface mounting  |
| ENVIRONMENTAL SPECIFICATION   |  |
| Temp Range                    | -31 to 122 °F (-35 to 50 °C) operating<br>-31 to 167 °F (-35 to 75 °C) storage |
| ELECTRICAL SPECIFICATION      |  |
| Input Voltage                 | 120-277 VAC, 50/60 Hz  |
| Input Power                   | 62 W   |
| Power Factor                  | 0.90 min.  |
| Total Harmonic Distortion     | 20% max.   |
| OPTICAL SPECIFICATION         |  |
| Luminous Flux                 | 6167 lm  |
| Efficacy                      | 100 lm/W   |
| CCT                           | 4000K<br>3000K/3500K per special order   |
| CRI                           | 80 min.  |
| LIGHTING CONTROL              |  |
| Dimming Capacity              | 0-10V dimming, 10-100%   |
| LONGEVITY AND WARRANTY        |  |
| L70 Life                      | 50,000 hrs   |
| Warranty                      | 5 years  |
| LISTING AND CERTIFICATES      |  |
| UL and cUL                    |  |
| Design Light Consortium (DLC) |  |
| CE and RoHS                   |  |