

FPRT22

2X2 LED Recessed Troffer

Catalog #

Note

Type

Product Description

Designed with the look of a traditional fluorescent fixture, the FPRT22 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 FPRT22 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 FPRT22 LED recessed troffer delivers 3966 lumens at 4000K, accepts 120-277VAC, consumes 42 watts and produces luminous intensity equivalent to 3XF17T8 or 2xF32T8 fluorescent troffer fixture. The FPRT22 LED recessed troffer is 0-10V dimming, and also available in emergency battery pack option.



Performance Summary

120-277VAC Input Voltage

42W Input Power, 3XF17T8 or 2xF32T8 Fluorescent Troffer Equivalent

95 LPW Efficacy

3966 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: FPRT2242HU40K40L10D

MODEL	SIZE	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT	LIGHTING CONTROL	OPTIONS
FPRT LED Recessed Troffer	22 2X2 ft	42 42W	HU 120-277VAC	40K 4000K 35K 3500K 30K 3000K	40L 3966LM	10D 0-10V Dimming	B10 10W Battery Pack

Accessories

MODEL	DESCRIPTION
DWMK22EAWF	Drywall Mounting Kit, 2X2, Extruded Aluminum White Finish, Assembling Screws Supplied

Notes:

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

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QUALITY.VALUE

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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	23 7/8X23 7/8X3 1/3 inch 603X603X8.46 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 -31 to 167 °F (-35 to 75 °C) storage
ELECTRICAL SPECIFICATION	
Input Voltage	120-277 VAC, 50/60 Hz
Input Power	42 W
Power Factor	0.90 min.
Total Harmonic Distortion	20% max.
OPTICAL SPECIFICATION	
Luminous Flux	3966 lm
Efficacy	95 lm/W
CCT	4000K 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	