



LEFP Series

LEFP Series Instruction Manual

Warnings and important safety information

- The LEFP Series is a recessed lighting fixture for use in standard commercial ceiling grids - typically used to replace standard fluorescent lamp fixture.

IMPORTANT - Read all instructions before installation

- Installation and maintenance must be performed by licensed electricians only.
- To avoid risk of electric shock, make sure to turn off main power switch prior to installation or maintenance.
- Must be installed in compliance with National Electrical Code (NEC) in the US or Canadian Electrical Code in Canada.
- Make sure input voltage and frequency are compatible with the fixture. Check product manual for power requirements prior to installation.

WARNING - Risk of Electric Shock. Suitable for Dry & Damp location and insulated contact

- Must be grounded
- Min 90 °C supply conductors
- Access above ceiling required Type IC
- Vapor barrier must be suitable for 90 °C
- Inherently protected
- Dry and damp locations only
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- CAUTION : Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

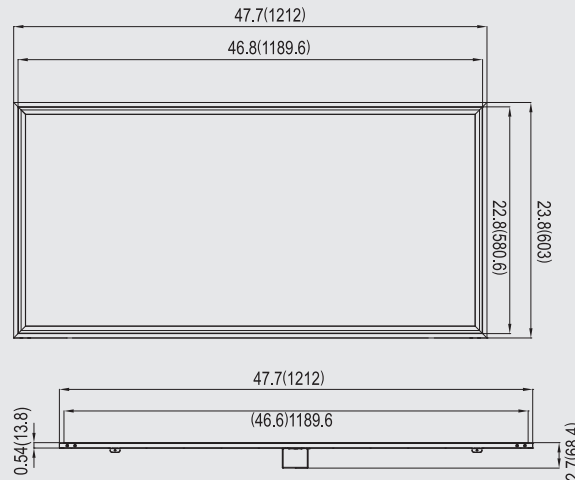
• NOTE : This equipment has been tested and found to comply with the limit for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation, which can be determined by turning the equipment off and on, the user is encourage to try to correct the interference by one or more of the following measures:

Drawing

DIMENSIONS

LEFP-48

Unit : Inch(mm)



Description & Features

Low Profile Ceiling Grid and Display LED Solution

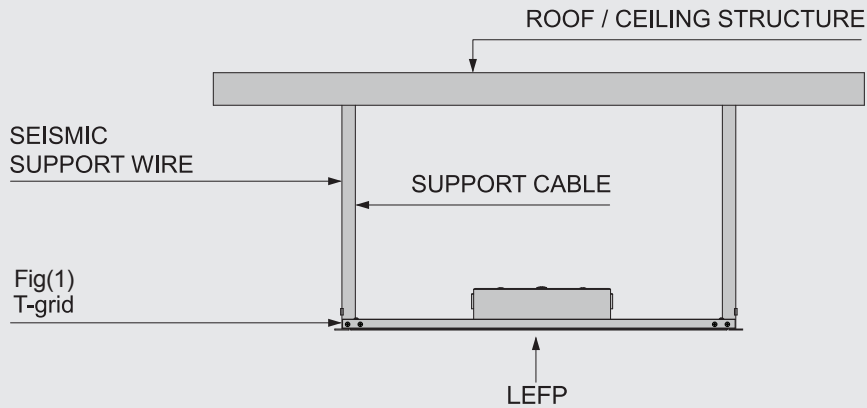
The LEFP Series is a revolutionary LED lighting guide-plate with built-in LEDs. Used as lighting for standard commercial ceiling grids; typically used to replace standard 2'x4' fluorescent fixture. The fixture does not result in eye exhaustion because they do not have glare and provides a uniform luminance across the light panel. The LEFP Series is the best solution to meet your needs in your office, school and other commercial applications.

Features

- Construction
 - Shallow height, less than 3 inches deep including the junction box, is making it suitable for the ceiling with low depth.
 - White powder coated Aluminum Frame, Back Panel – Aluminum 0.6T,
 - Junction Box – Electro Galvanized Iron 1.3 T
- Electrical
 - Integral, high efficiency driver and power supply.
 - Universal AC Input Voltage (120-277V)
 - Nominal Power Factor: 0.9
 - Dimming: 0-10V standard

How to install (Mounting & Electrical)

TYPICAL LAY IN FIXTURE DETAIL

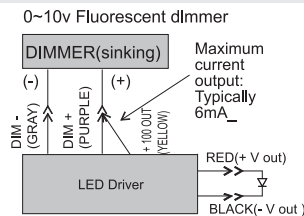
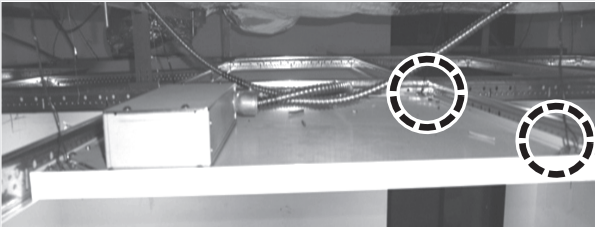


1. Remove the fixture from its packaging
2. Place the fixture into the T-grid. [Refer to Fig(1)]
3. Secure the fixture into ceiling grid as required by national building codes.

How to install (Mounting & Electrical)



- Note. Use the Corner Bracket at each corner on the back of the fixture if there exist seismic requirements. (Use locally provided hanger wire or chain straps)



Dim(+), Yellow line use to connect.

4. Loosen 4 screws and remove the Junction Box cover.
5. Remove the knockout(s) of your choosing on the side of Junction Box for branch wiring.
6. For dimming function, please refer to the Diagram(1). If dimming is NOT required, the Gray wire and the Purple wire should be capped off together.
7. Replace and secure Junction Box cover with the 2 previously removed screws.
8. Turn on the main power switch and check if the fixture is properly lit.

Approval Dimmer Switch List : LUTRON /NTFTV-WH

Specifications

SERIES	POWER	VOLTAGE	CCT	SIZE
LEFP	48	U	30	4
	48 : 48W	U : 120-277VAC, 50/60HZ	30 : 3000K 35 : 3500K 40 : 4000K	4 : 2' X 4'

Input Voltage

120-277VAC, 50/60Hz

Model	Power (W)	Size(in)	Lumens	Efficacy	Color Temperature(K)
LEFP-48-U-30-4	48	47.7 X 23.8 X 2.7	4,600	96	3000
LEFP-48-U-35-4	48	47.7 X 23.8 X 2.7	4,600	96	3500
LEFP-48-U-40-4	48	47.7 X 23.8 X 2.7	4,800	100	4000

- The specification can be updated without any pre-notice to clients
- The information above pertains to clients without any legal responsibility