

## Retrofit Kit Installation Instructions ERP: IIS00330

Available in a wide range of configurations with standard sizes. The retrofit kit is designed to retrofit Listed Recessed Fluorescent Troffer Luminaires of sizes 2x2, 2x4, 1x4 with minimum depth of 3.5"

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- Installation should be completed by an individual familiar with the construction and operation of the luminaire.
- Installation of luminaire must be in accordance with the requirements of the Canadian Electrical Code and National electrical code for the specific hazardous locations area classification of the installation.
- Carefully read and follow all warnings and instructions before installing or servicing the luminaire.
- Do not restrict luminaire ventilation.
- Ensure LED luminaire is not covered with material that will prevent convection or conduction cooling.
- Do not exceed luminaire's maximum ambient temperature rating as marked on the luminaire.
- The retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.

### **WARNING** ⚠

*RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY*

- LED retrofit kit installation requires knowledge of luminaires electrical system. If not qualified, do not attempt installation. Contact qualified electrician.
- Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or sharp objects.
- Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
- Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

Product must be installed by a qualified electrician in accordance with the applicable and appropriate codes. The installation guide does not supersede local or national regulations for electrical installations.

**Manufacturer is not responsible for any injuries due to the improper installation or handling of its products.**



### Component List for kit:

- 1x Door Frame Assembly
- 2x Tether Cables
- 2x Frame Angle Bracket
- 1x Fixture Label

### Tools Required:



### Electric shock:

#### **Disconnect power before installing or servicing luminaire.**

- All electrical wiring to be completed by a qualified licensed electrician
- Ensure supply voltage corresponds to that marked on the luminaire. If there is a mismatch DO NOT proceed!
- Avoid exposing wiring to metal edges and sharp objects.
- Ensure that the luminaire is properly grounded to prevent electric hazards.
- All supply field wiring to the luminaire shall be rated 600V and 75°C minimum.

### Fire:

- Keep flammable and combustible materials away from the light source and/or lens.
- Use correctly rated supply conductors as indicated by product labeling.

### Burn:

- Allow luminaire to cool before handling luminaire.

### Personal Injury:

- Wear safety glasses and gloves when handling the luminaire

## Retrofit Kit Installation Instructions

### STEP ONE:

Remove the lens, cover with ballast, and the socket strap from the fluorescent fixture. Disconnect any wiring from the electrical components being retrofitted.



### STEP TWO:

Slide the frame angle bracket under the fixture between the T-Bar ensuring that the brackets are against the Tbar. Secure the kit with 2 self drilling screws while holding fixture and bracket down against T-bar for each frame angle bracket.



### STEP THREE:

Attach the door frame assembly kit using the T-Hinges then attach the safety tether cable. Hold door frame assembly at a slight angle to engage in to T-slots.



*Note: The T-Hinge is on the door and slots into the rail.*

## Retrofit Kit Installation Instructions

### STEP FIVE:

Connect ground wire from LED Retrofit tray to the fixture housing by connecting to the existing ground wire/ ground screw of fixture. Wire the incoming power using the kits disconnects.



### STEP SIX:

Raise the frame, push up into the existing fixture and close the cam latches. Installation complete.

