LRK-TRH

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.



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.



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

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.



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STEP ONE:

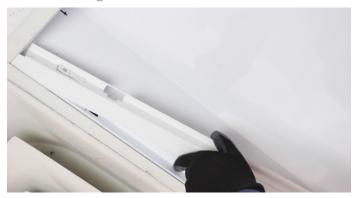
Remove the lens, cover with ballast, and the socket strap from the fluorescent fixture. Disconnect any wiring from the electrical components being retrofitted.





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.

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THE FUTURE IS ON

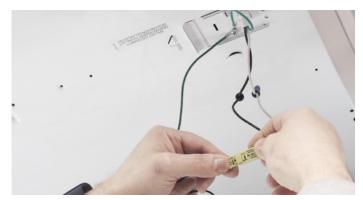
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STEP FIVE:

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.

