Installation Instruction



Magnetic LED Troffer Retrofit Strip kits

ETL CLASSIFIED

Intertek

014-0004-0009 A0

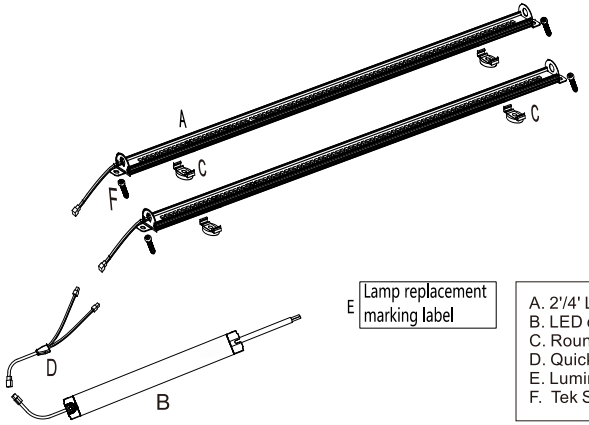
IMPORTANT

READ CAREFULLY BEFORE INSTALLING THE RETROFIT KIT. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
THOROUGHLY INSPECT THE FIXTURE FOR ANY FREIGHT DAMAGE; FREIGHT DAMAGE SHOULD BE REPORTED TO THE DELIVERY CARRIER.
WL-RTST LED retrofit kits must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety.
This product MUST be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product. The luminaries must be installed by qualified electrician.

GETTING STARTED

WL-RTST LED troffer retrofit kit is designed to replace fluorescent lamps within conventional recessed mount fluorescent troffers or surface mount strip fixtures in dry and damp locations.

Following items are included in this box:



A. 2'/4' LED strips
B. LED driver
C. Round Magnets
D. Quick connect
E. Luminaire Modification label
F. Tek Screw optional

WARNING

RISK OF FIRE OR ELECTRIC SHOCK. Make sure power supply is OFF before installing or maintaining the product.
RISK OF FIRE OR ELECTRIC SHOCK. Install this product only in the luminaries that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the product does NOT exceed the input rating of the luminaries.
RISK OF FIRE OR ELECTRIC SHOCK. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
RISK OF FIRE OR ELECTRIC SHOCK. LED retrofit kit installation requires knowledge of luminaries electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
RISK OF FIRE OR ELECTRIC SHOCK. Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.
RISK OF FIRE OR ELECTRIC SHOCK. Never perform maintenance or cleaning while fixture is energized. Disconnect power and allow fixture to cool before maintaining.
RISK OF INJURY. Wear safety glasses and gloves during installation and servicing. **THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.**
RISK OF FIRE OR ELECTRIC SHOCK. LUMINAIRES WIRING, POWER SUPPLY, OR OTHER ELECTRICAL PARTS MAY BE DAMAGED WHEN DRILLING FOR INSTALLATION OF RETROFIT ASSEMBLY HARDWARE. INSPECT WIRING AND COMPONENTS FOR DAMAGE.
SHOCK AND FIRE HAZARD, DO NOT USE WHEN ENCLOSURE IS BROKEN.
TO AVOID POTENTIAL FIRE OR SHOCK HAZARD, DO NOT USE THIS RETROFIT KIT IN LUMINAIRES EMPLOYING SHUNTED BI-PIN LAMPHOLDERS. NOTE: SHUNTED LAMPHOLDERS ARE FOUND ONLY IN FLUORESCENT

LUMINAIRES WITH INSTANT-START BALLASTS. INSTANT-START BALLASTS CAN BE IDENTIFIED BY THE WORDS "INSTANT START" OR "I.S." MARKED ON THE BALLAST. THIS DESIGNATION MAY BE IN THE FORM OF A STATEMENT PERTAINING TO THE BALLAST ITSELF, OR MAY BE COMBINED WITH THE MARKING FOR THE LAMPS WITH WHICH THE BALLAST IS INTENDED TO BE USED, FOR EXAMPLE F40T12/IS. FOR MORE INFORMATION, CONTACT THE LED LUMINAIRE RETROFIT KIT MANUFACTURER.
INSTALLERS SHOULD NOT DISCONNECT EXISTING WIRES FROM LAMPHOLDER TERMINALS TO MAKE NEW CONNECTIONS AT LAMPHOLDER TERMINALS. INSTEAD INSTALLERS SHOULD CUT EXISTING LAMPHOLDER LEADS AWAY FROM THE LAMPHOLDER AND MAKE NEW ELECTRICAL CONNECTIONS TO LAMPHOLDER LEAD WIRES BY EMPLOYING APPLICABLE CONNECTORS

THE RETROFIT MODELS ARE SUITABLE TO BE INSTALLED TO THE LUMINARIES

AS SHOWN BELOW.

- **Min. 10cm between the LED strips or side of lamp compartment for recessed Luminaries.**
- **Min. 1.7cm between the LED strips for surface mounted Luminaries.**

Luminaire Type	Recessed	Surface mounted
Minimum Lamp Compartment Size	60cm x120cm x 6.8cm	7cm x 120cm x 5cm
Luminaire Outlook		

WIRING DIAGRAM

Electrical Connection

1. Connect BLACK (line) driver lead to voltage supply Line position (HOT).
2. Connect driver WHITE lead to the NEUTRAL supply position.
3. Connect the GREEN ground lead to the supply ground lead.

If using 0-10V dimming:

4. Connect VIOLET lead to supply POSITIVE dimming lead.
5. Connect GREY lead to the supply NEGATIVE dimming lead.

If NOT using 0-10V dimming:

6. Ensure VIOLET and GREY 0-10V dimming leads are properly capped.

