

LED T5 DIRECT WIRE

INSTALL INSTRUCTIONS (BALLAST BYPASS - UL TYPE B)

DANGER - RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION.

The retrofit kits including LED tube, instruction, field-applied label.

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.

WARNING - Risk of fire or electric shock. The electrical rating of these products are 120-277Vac or 277Vac, the installer must determine whether they have 120-277Vac or 277Vac at the luminaire before installation.

WARNING - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING - Risk of fire or electric shock. 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.

WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

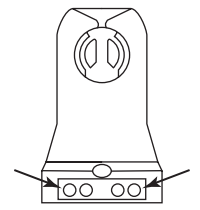
Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING: To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lampholders.

Note: Shunted lamp holders 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 lamp holder terminals to make new connections at lamp holder terminals. Instead installers should cut existing lamp holder leads away from the lamp holder and make new electrical connections to lamp holder lead wires by employing applicable connectors.



Non-shunted lampholder

THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

RISK OF ELECTRIC SHOCK - USE IN DRY AND DAMP LOCATION ONLY

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS

The LED tube are intended to retrofit surface mount, Type IC or non-IC recessed mount listed fluorescent luminaires that use maximum 6 straight tubular lamps with or without a diffuser, the minimum dimension of luminaries are tabulated below:

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! WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

1. Turn Power off
2. Remove existing fluorescent tube(s), diffuser (if applicable) and open the ballast cover.
3. Disconnect luminaire supply wirings L and N to branch circuit as shown in Fig. 1.



4. Original circuit as shown in Fig.2. Cut lampholder leads "1, 2, 3, 4" then connect lampholders as follows, "Lead 1" connected to L; "Lead 2" connected to N as shown in Fig. 2A. Cut as far away from the lampholders to allow for longer lengths of wire at both lampholders. Note: Ballast must be retained in place in accordance to UL regulations.

FIG. 2

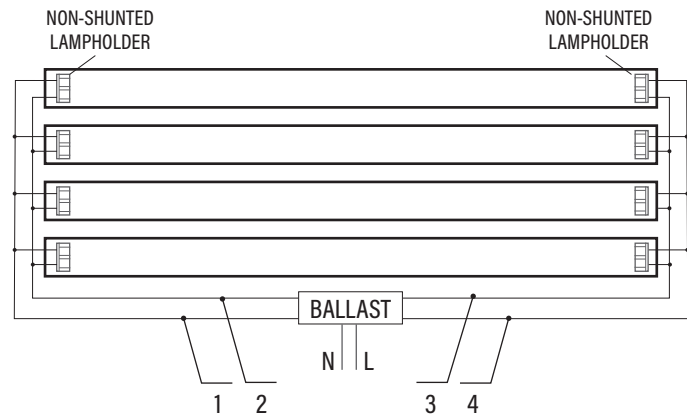
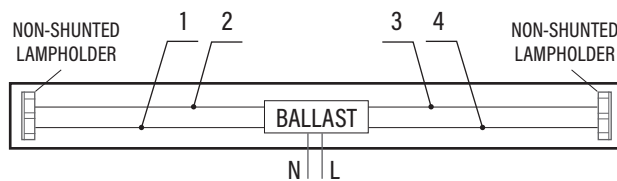
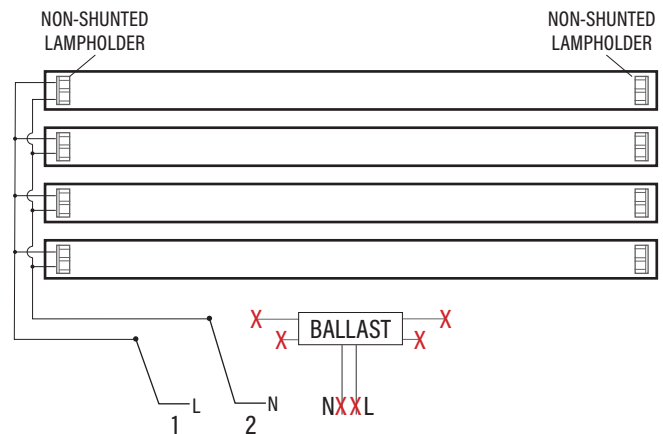
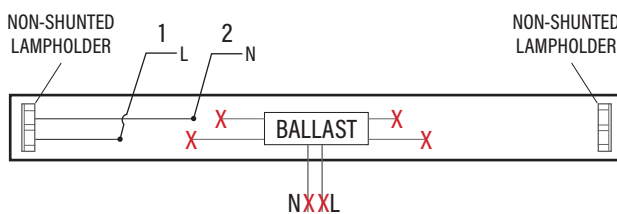


FIG. 2A



5. Attach the caution label to the luminaire. Replace ballast cover and diffuser(if applicable) back on the luminaire, and install T6 LED tube.
6. Turn Power on