

T8 RETROFIT TUBE BYPASS LR34135, LR34136, LR34137

IMPORTANT SAFETY INSTRUCTIONS

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION

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 is 120-277VAC, the installer must determine whether they have 120-277VAC at the luminaire before installation.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK

Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

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.

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.

- DO NOT USE WITH DIMMERS.
- RISK OF ELECTRIC SHOCK - USE IN DRY AND DAMP LOCATION ONLY
- THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS

The T8 LED Tube intended to retrofit surface mount listed fluorescent luminaires that use maximum two straight tubular lamps without a diffuser with 9 cm minimum lamp to lamp spacing. The product is intended to be used in dry and damp locations only.

THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION,

RETROFIT FLUORESCENT LUMINAIRE WITH BALLAST:

STEP 1. SHUT OFF POWER BEFORE WORK.

STEP 2. Remove existing fluorescent tube(s), open the ballast cover

STEP 3. Disconnect luminaire supply wirings L and N to branch circuit shown in FIGURE 1.

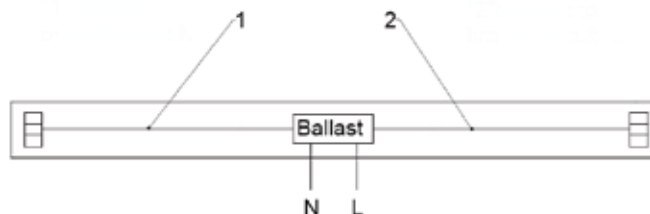
FIGURE 1

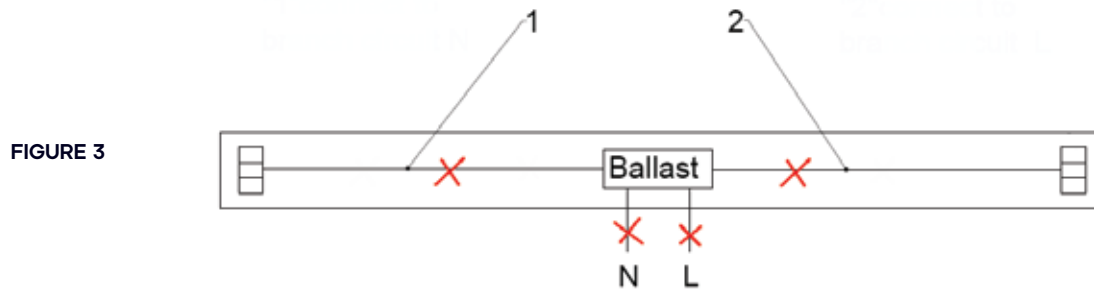


STEP 4. Original circuit as shown in Figure 2, cut lampholder leads "1" and "2" as shown in FIGURE 3.

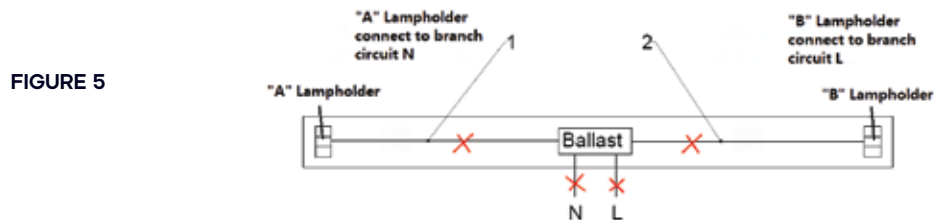
NOTE: Ballast must be retained in place.

FIGURE 2





STEP 5. Please check whether the existing lampholders are the same as shown in **FIGURE 4**. If yes, skip to Step 7; if not go to next **STEP 6**
 STEP 6. Remove the original lampholders, check the holes of original lampholders to see whether they are suitable to install the attached lampholders: if not, drill new holes for mounting lampholders.
 STEP 7. The attached "A" and "B" lampholders as shown in **FIGURE 4**, with "A" lampholder connecting grounded (neutral) branch circuit "N" and "B" lampholder connecting ungrounded branch circuit "L" as shown in **FIGURE 5**. NOTE: Ballast must be retained in place.



STEP 8. Attach the Luminaire Marking Label to the luminaire. Install ballast cover (if applicable) back on Luminaire, and make sure T8 LED tube insert into the "A" lampholder first, then "B" lampholder as shown in **FIGURE 6**.



STEP 9. Turn on the AC power source, LED Tube will light.

THE WIRING OF TWO LAMPS IS THE SAME AS ABOVE