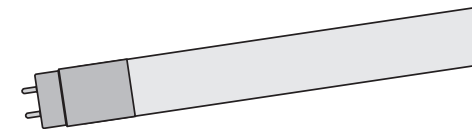


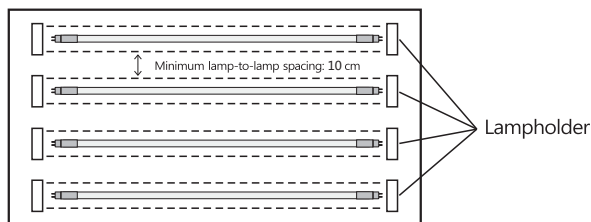
LED T8 Tube



Installation steps

Step 1: Turn off the power to the light fixture at the main service panel.

Step 2: Remove the diffuser (if any) and fluorescent tube.



Step 3: Check the wires of the light fixture before installation of the LED retrofit kit.

A. If the light fixture is providing with magnetic ballast and starter, disconnect and rewiring the wires at the point as shown in the following figures (see Figure 1 to Figure 2).

Figure 1: Before retrofit.

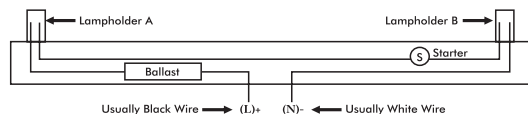
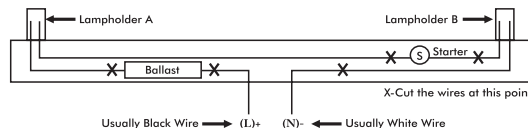


Figure 2: Under retrofit - Cut the wires connected to the ballast and starter, and Lampholders as shown.



B. If the light fixture is providing with electronic ballast, disconnect and rewiring the wires at the point as shown in the following figures (see Figure 3 to Figure 4).

Figure 3: Before retrofit.

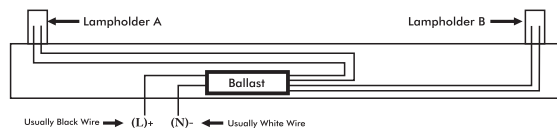
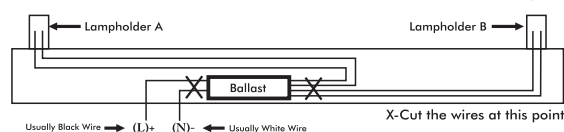


Figure 4: Under retrofit - Cut the wires connected to the ballast and Lampholders.



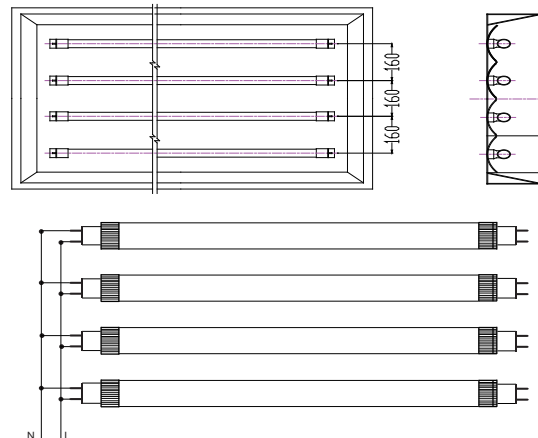
FOR LED RETROFIT KIT WHICH BOTH LINE AND NEUTRAL POWER ARE CONNECTED TO THE SAME LAMPHOLDER

Step 4: Both line and neutral power are required to be connected to the same Lampholder as shown in Figure 6.

Figure 5: After retrofit - Rewiring the wires from Lampholder A to "L" and "N" of the supply circuit by wire nuts/connectors. Insulated or capped all unused conductors with a wire connectors.



Figure 6: These LED tubes can retrofit maximum four lamps in one luminaire. The revised circuit diagram as shown in Fig.3. Please see Fig.2 and Fig. 5 to cut wires and to connect wires as follows:



Step 5: Please apply the following relamping label on the retrofit luminaire after the retrofit kit has been installed, where readily visible by the user during relamping and after installation.

This luminaire has been modified to operate LED lamps. Do not attempt to install or operate fluorescent lamps in this luminaire.

CAUTION:

- ▶ 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.
- ▶ Risk of fire or electric shock. Install this kit only in 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.
- ▶ Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- ▶ To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- ▶ 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" 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.
- ▶ THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.
- ▶ Examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.