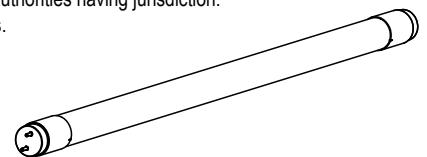


IMPORTANT SAFEGUARDS

WARNING

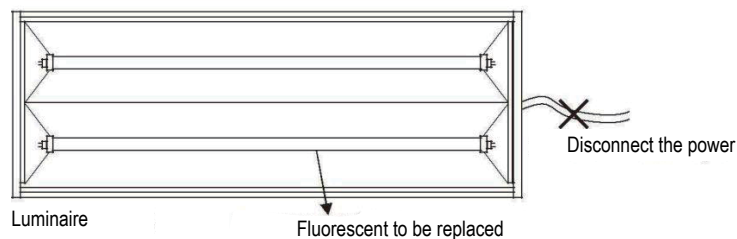
1. Please keep this Quick Installation Guide for future reference.
2. Suitable for replacing fluorescent lamps as specified on the product label.
3. Risk of fire or electric shock. Installing this LED retrofit kit requires knowledge of the luminaire's electrical system. If not qualified, do not attempt installation—contact a qualified electrician.
4. To avoid potential fire or shock hazards, install this kit only in luminaires that match the construction features and dimensions shown in the photos or drawings, and where the input rating of the retrofit kit does not exceed that of the luminaire.
5. Do not create or alter any open holes in the wiring or electrical components' enclosure during installation.
6. To prevent wiring damage or abrasion, do not expose wiring to sharp edges of sheet metal or other objects.
7. To avoid potential fire or shock hazards, do not use this retrofit kit in luminaires with shunted bi-pin lamp holders. Note: Shunted lamp holders are found only in fluorescent luminaires with instant-start ballasts, which are labeled "Instant Start" or marked "I.S." on the ballast. For more information, contact the LED retrofit kit manufacturer.
8. Installers should not disconnect existing wires from lamp holder terminals to make new connections. Instead, they should cut the existing lamp holder leads and make new connections using appropriate connectors.
9. For linear tubular LED lamp conversion, there should be a diagram or text showing how the supply connections were made to the lamp holders to ensure correct installation or replacement.
10. This retrofit kit is accepted as a component of a luminaire, where the suitability of the combination will be determined by authorities having jurisdiction.
11. If the tube is installed as Type B, the luminaire, once modified as a retrofit fixture, will no longer operate fluorescent lamps.



Type B Installation Introduction:

1. Disconnect the Power of Luminaire

- Disconnect power to the luminaire or circuit (if possible). Ensure all power is off by confirming with a voltmeter or another method.



2. Remove the Existing Light Sources

- a. Remove the troffer lens, if present.
- b. Remove the existing fluorescent light source(s) by rotating them a quarter turn and sliding them out.
- c. Remove the ballast cover (the cover may be secured with screws or tabs).



(a) Troffer and light source(s)



(b) Remove tube light source(s)

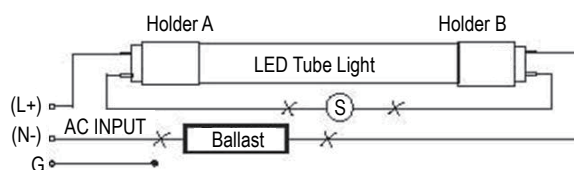


(c) Remove ballast cover (lens removed)

T8 GLASS TUBE TYPE B

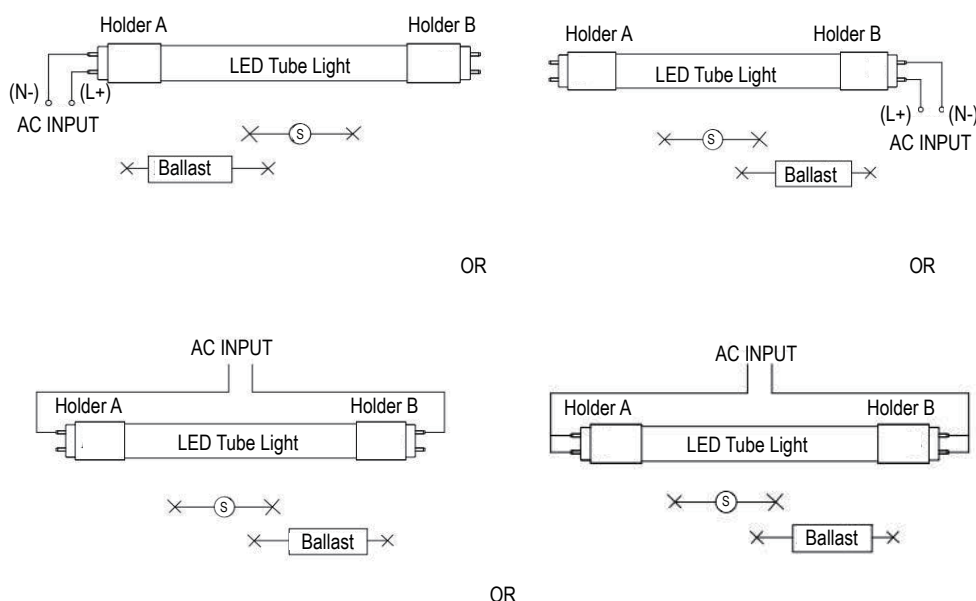
3. Retrofit Luminaire

1. Disconnect the wires between the starter and ballast as shown in the figure below.



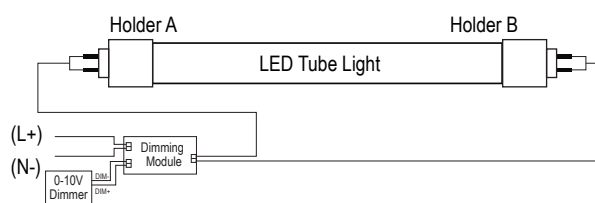
2. Connect the two wires to the branch circuit L and N as shown in the figure below.

Case 1: Direct AC wiring diagram without dimming.

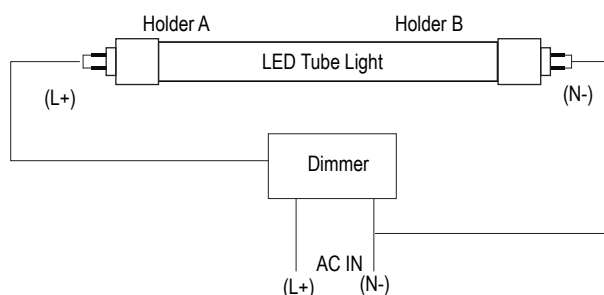


Voltage Input : AC120-277V 50/60Hz

Case 2: Direct AC wiring diagram with 0-10 V dimming system.



Case 3: Direct AC wiring diagram with Triac dimmer.



T8 GLASS TUBE TYPE B



4. Insert LED Tubes

- a. Read the label on the LED tube to ensure that the power end of the LED is aligned with the powered tube socket. Then, insert the LED lamp by sliding the pins into the sockets and rotating it a quarter turn until the LED tube locks in place.
- b. LED lamps are now fully installed.
- c. Replace the troffer lens, if applicable.
- d. After completing the modification, attach the replacement marking and cautionary label in a visible location on the luminaire, ensuring it remains visible after installation.

5. Restore the Power of the Luminaire

- Restore power to the circuit/luminaire and test the light. If necessary, adjust the position of the LED tube. Enjoy your new LED tube light!