

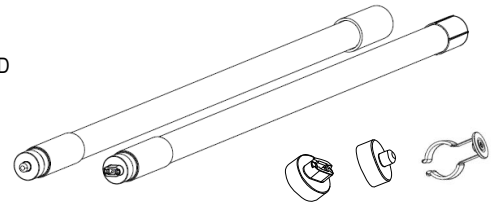
IMPORTANT SAFEGUARDS

Warning:

1. Please keep this quick Installation Guide for future reference.
2. Suitable to replace fluorescent lamps as specified on the product label.
3. Risk of fire or electric shock. LED retrofit kit installation requires knowledge of luminaire's electrical system. If not qualified, do not attempt installation. Contact a qualified electrician.
4. To avoid potential fire or shock hazard, 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.
5. Do not make or alter any open holes in an enclosure of wiring or electrical components during the kit installation.
6. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
7. To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lamp holders. 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 by the "I.S." mark 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.
8. 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.
9. For a linear tubular LED lamp conversion, there shall be text or a diagram showing how the supply connections were made to the lamp holders so the correct connections will be made to the lamp when the lamp is installed or replaced.
10. This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.

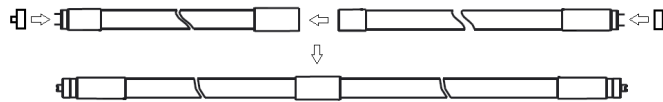
Note:

- Each retrofit kit consists of LED tube lamp (2 pcs Spliced or 1 pcs Integrated), installation instruction (1 pcs), R17D Adaptor (2 pcs), FA8 adaptor (2 pcs), and fixed anti-rotating clip (1 pcs)
- R17D adaptor is used for R17D to G13 conversion
- FA8 adaptor is used for FA8 to G13 conversion
- Anti-rotating clip is used for fixing it in the middle of the tube to prevent tube droop and rotation



T8 8 FT LED Tube - Assembly Instructions

1. Confirm the type of lamp holder of the fixture (FA8 or R17D)
- Choose FA8 or R17D adaptor which matches the lamp holder of fixture, and assemble the adaptor end cap to the tube if the product is spliced 8ft LED tube, it needs split joint together first, as following picture)
- a. Spliced 8 ft LED tube



Note: Do not disassemble after the splicing is completed.

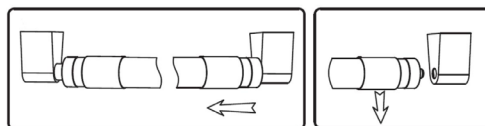
Type B Installation introduction:

1. Disconnect the Power of Luminaire:

- Disconnect power to luminaire or circuit (if possible). Ensure all power is off by using a voltmeter or other method to confirm.

2. Remove Existing Tube Lamp(S):

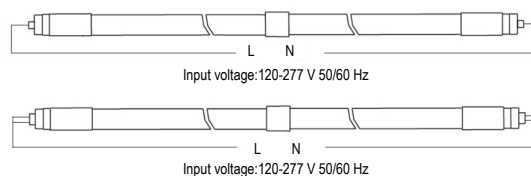
- a. Remove troffer lens, if present.
- b. Remove existing fluorescent as below.
- c. Remove ballast cover. (Cover may be secured with screws or tabs).



3. Rewire the Fixture:

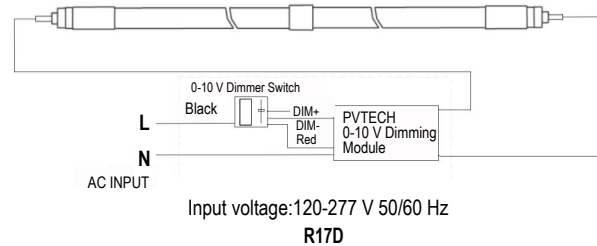
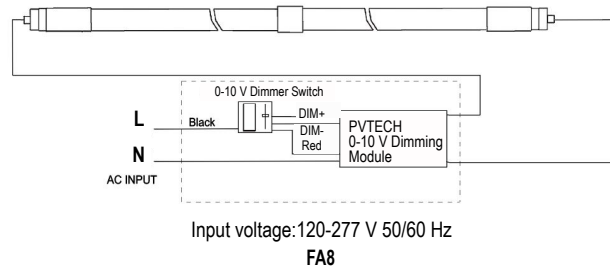
- a. Disconnect the wires between starter and ballast.
- b. Connect two wires to branch circuit L and N according to the below figure.

Case 1: Direct AC wiring diagram without dimming



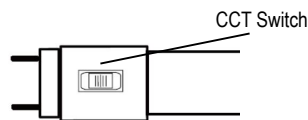
T8 GLASS TUBE TYPE B

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



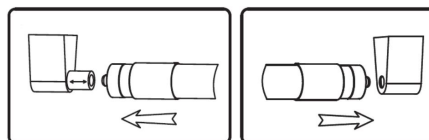
4. Select the CCT:

- Select the color temperature through the CCT switch on the LED lamp's base
- a. Using the color (CCT) selector switch on the base, select the desired color temperature (3000 K or 3500 K Soft White, 4000 K Cool White, or 5000 K Super White, or 6500 K Daylight)
- b. 6500 K Daylight)
- c. To prevent damage to the lamp, the lamp must not be energized when color (CCT) selector switch is changed.



5. Insert LED Tubes

- a. Insert LED lamp in the normal way by sliding pins into sockets until LED tube locks in place as below.



- b. Clip the anti-rotating clip on the middle of the tube and make sure the magnet is attached to the fixture to prevent tube droop and rotation.
- c. LED lamps are now fully installed.
- d. Replace troffer lens, if present.
- e. After the modification is completed, attach the replacement marking and cautionary label to a visible place on the luminaire and keep it visible after installation.

6. Restore the Power of the Luminaire:

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