

Introduction

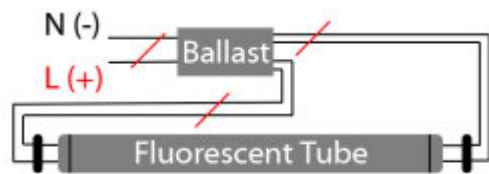
This guide explains the steps necessary to install our T8 LED Tubes properly into your existing fixture to replace a fluorescent T8 tube. Only certified electricians should attempt the installation.

Warning/Disclaimer

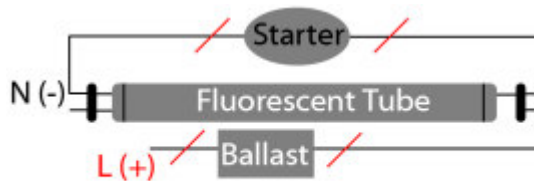
1. Exxon Lighting Corporation is not responsible for any damage or harm caused by improper handling and installation of our T8 Tube.
2. Installation by a certified electrician is highly recommend.
3. It is the responsibility of the user, owner, contractor, installer, and/or purchaser to install, maintain, and operate the lamp in compliance with local and state laws as well as the operation guidelines of the product.

Installation

- 1.) Disconnect the power to the fixture (do not simply turn off the switch).
- 2.) Inspect the T8 LED Tube for any damage or abnormality. Do not use product if it is damaged and/or has been dismantled.
- 3.) Open the fixture housing.
- 4.) Remove any light diffuser (if so equipped), remove existing fluorescent lamps, and cut all the wires and remove the ballast (and starter if so equipped).

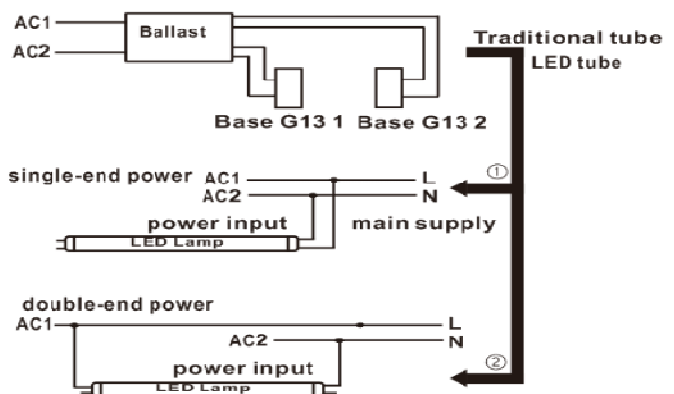
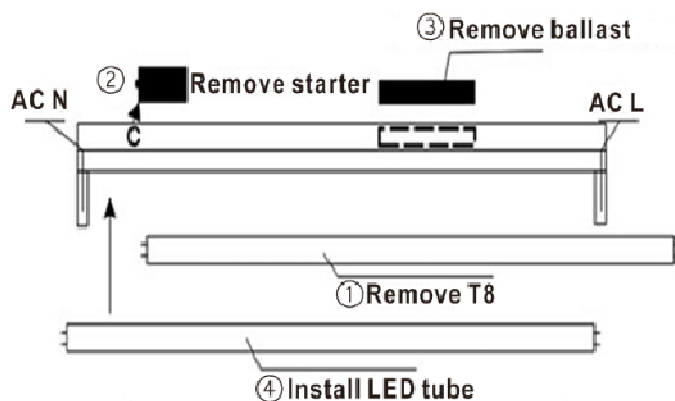


Electronic Ballast

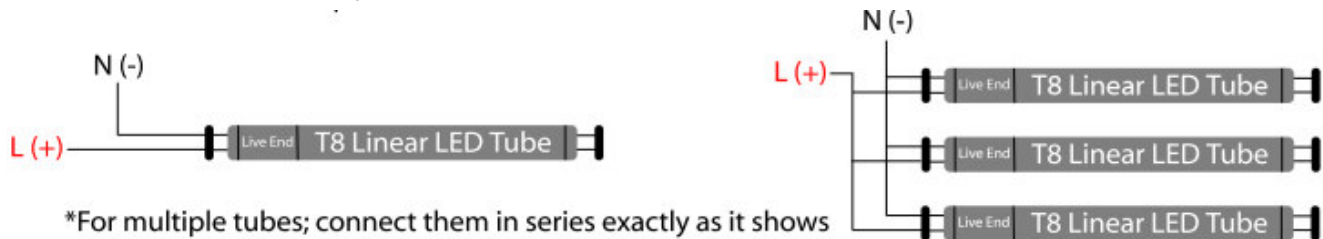


Magnetic Ballast

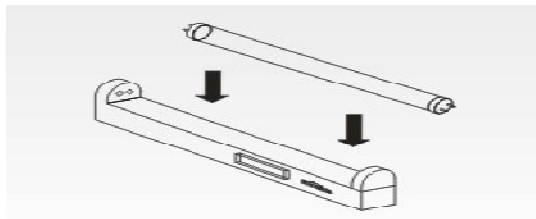
① for single-end powered tube. ② for double-end powered tube.



5.) Connect the wires so that the Negative and Live wires on the lamp holders are routed to only one side of the fixture. Leave the other side open.



6.) Install the LED Tube by placing the pins into lamp holders and turn clockwise. Make sure the portion of the tube with the "Live End" label is on the side where the wires are connected.



7.) Double-check all the wiring is done correctly and then close the fixture housing.

8.) Re-connect the power to the fixture and turn on the lights.

WARNING ! PLEASE READ!

1. Risk of fire or electrical shock. LED T8 retrofit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a certified electrician.
2. Install this kit only in luminaires that have construction features and dimensions shown in the drawings.
3. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
4. To prevent wiring damage or abrasion, do not expose wiring or edges of sheet metal or other sharp objects.
5. To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lamp holders. **NOTE:** Shunted lamp holder are found only in fluorescent luminaires with instant-start ballasts. Instant-start ballasts can be identified by the words "Instant Start" or "I.S" 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 more information contact Exxon Lighting Corporation.
6. Installers should not disconnect existing wires from the 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.
7. SUITABLE FOR DRY LOCATION ONLY.
8. DO NOT USE WITH DIMMERS.
9. THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.