

# T8 Linear LED Tube Installation Guide

## Introduction

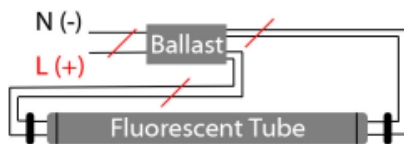
This guide will explain the steps necessary to install our T8 Linear LED Tubes properly into your existing fixture to replace a fluorescent T8 tube. Only certified electricians should attempt the installation.

### Warning/Disclaimer Additional warnings on pg. 2

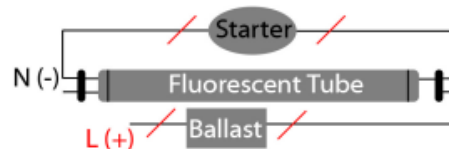
- LEDXpert Lighting Inc is not responsible for any damage or harm caused by improper handling and installation of our T8 Linear Tube.
- Installation by a certified electrician is highly recommended.
- It is the responsibility of the user, owner, contractor, installer, and/or purchaser to install, maintain, 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.) Take the our T8 Linear LED Tube and inspect it 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), existing fluorescent lamps, and cut all wires and remove the ballast (and starter if so equipped).



Electronic Ballast



Magnetic Ballast

- 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.



\*For multiple tubes; connect them in series exactly as it shows



- 6.) Install the LED tube by placing the pins into the lampholders and turn clockwise. Please 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.
- 9.) Enjoy your new bright, economical, and eco-friendly LED lights!



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**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. Risk of fire or electrical shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or 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 to 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 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" or "I.S." 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.
6. Installers should not disconnect existing wires from the 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.
7. SUITABLE FOR DRY LOCATIONS ONLY.
8. DO NOT USE WITH DIMMERS.
9. THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.
10. WARNING - Risk of fire or electric shock, do not alter, relocate, or remove wiring, lampholders, power supply, or any other electrical component.
11. The retrofit assembly is accepted as a component of a luminaire where the suitability of the combination shall be determined by UL (Underwriters Laboratories) or authorities having jurisdiction.



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