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LED T8 Installation Guide

Energy efficient,
cost effective
and eco-friendly
T8/T10/T12 LED
replacement
tubes.

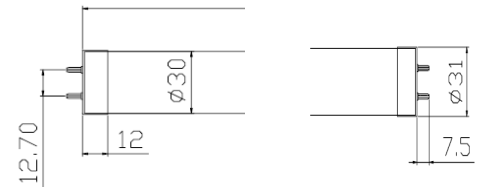
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T-8 / T-10 / T-12 LED Replacement Tube

Installation Guide

Congratulations on purchasing GreenCircleLight's energy efficient T8 LED Tube. This guide explains the steps necessary to install or retrofit the tube and ensure optimum performance. This guide is reference only and intended for fully-qualified electricians or lighting technicians. This guide should not be considered a substitute for any provision of a regulation or state and/or local code. Please read the entire installation guide before starting your installation. Specifications are subject to change without notice.



Warnings

- **Risk of electric shock.** Ensure that the power supply is off when wiring sections of the device.
- The device should be installed by a qualified electrician or technician in accordance with all relevant local codes.

Getting Started

Our energy efficient LED Tubes are an excellent replacement for traditional fluorescent lighting. Long life, no noise or buzzing, flicker free to reduce eyestrain and no mercury means you're doing something good for the environment as well. All of our LED Tubes have a 2-year warranty and a lifespan of approximately 50,000 hours.

Unpacking

1. Unpack and carefully examine the product.
2. Report any damage and save all packing materials if any part is damaged during transport.
3. Do not attempt to use this apparatus if it is damaged.

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User Responsibilities

It is the responsibility of the contractor, installer, purchaser, owner, and user to install, maintain, and operate the device in such a manner as to comply with all state and local laws, ordinances, and regulations. Note: The instructions and precautions set forth in this installation guide are not necessarily all-inclusive, all conceivable, or relevant to all applications as GreenCircleLights cannot anticipate all conceivable or unique situations.

Installation Process

Retrofit – existing fixture with ballast

1. Take out ballast and starter if so equipped (disconnect the wires and either leave the ballast in place or remove it).
2. After disconnecting the ballast, reconnect the circuit. There are two sets of wires that connect to each bulb – only one set is needed to be connected to the respective hot and cold wires. Refer to the wiring diagram on the following page.
3. If the fixture has more than one tube holder (double or quads), make sure only one wire set from each additional fixture is going to the hot and cold supply wires. Disconnect any jumper wires connecting the additional fixtures to each other. In effect, on a single tube there were four wires (two at each end) going to the hot and cold supply wires. Now you only need one going to the hot and cold supply wires from each fixture. Refer to the wiring diagram on the following page.
4. Install the LED Tube into the fluorescent light fixture.
5. Inspect all wiring connections prior to turning on the power.
6. Switch on the power to light the LED Tube.

New Installation – fixture without a ballast.

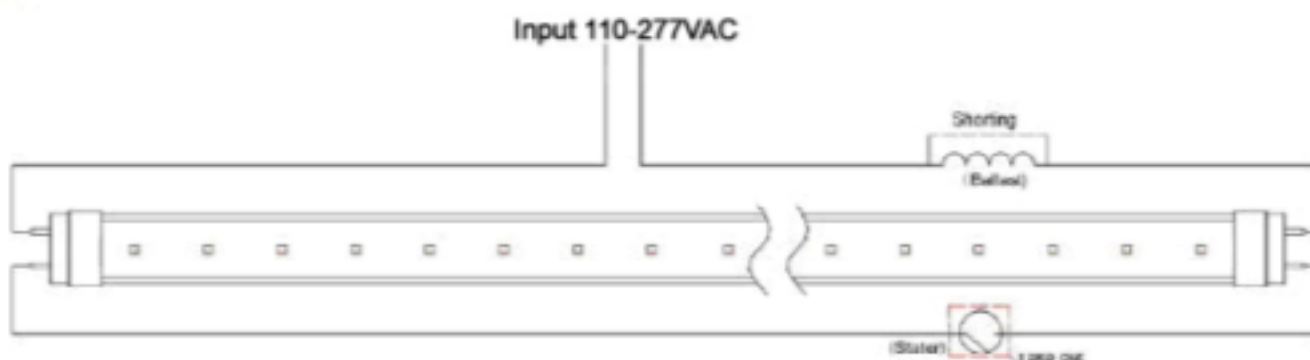
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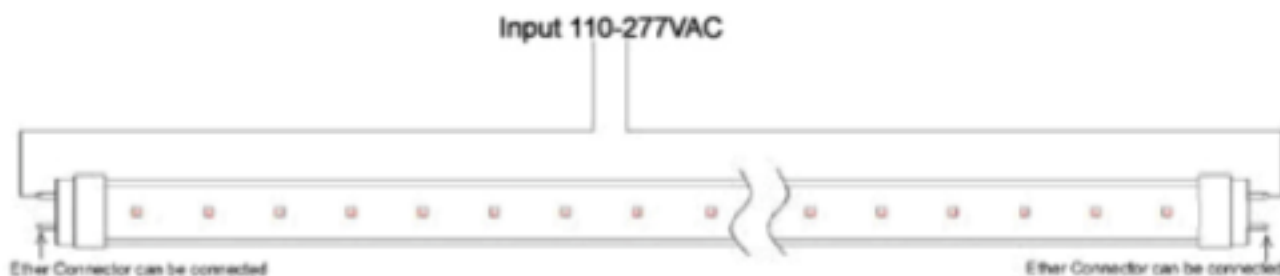
Wiring Diagram

1. Retrofit (existing fixture with ballast)

Before:



After:



2. New Installation (fixture without ballast)

