

LEDone®

External Tube Installation Guide

ELECTRICAL RATINGS: INPUT RATINGS

- Voltage: 100-277VAC
- Frequency: 50/60Hz
- Tube Length: 4 foot

ENVIRONMENTAL CONDITIONS:

The T8 LED tube cannot be installed in rain, wet areas, dusty areas, flammable areas or combustible environments. Please confirm the light fixture meets the level of protection requirements if necessary.

INSTALLATION REQUIREMENTS:

The installation should be done by a licensed electrician. Please take the ballast and starter out of the light before installing. The operating temperature is $-20^{\circ}\text{C} \sim +40^{\circ}\text{C}$.

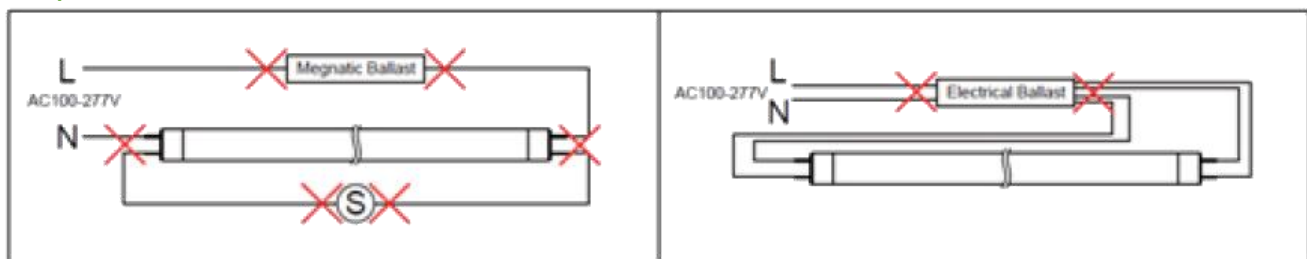
INSTALLATION INSTRUCTIONS:

The T8 tube can only work with the matched voltage. To replace the traditional fluorescent tube, please replace the ballast with matched power, remove the starter and reconnect the electric circuit.

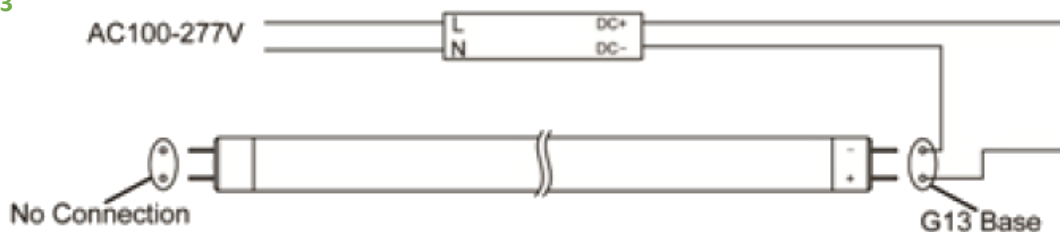
Type C: Please check the connection instruction image as follows:

- **Step 1:** Turn off the power before installing.
- **Step 2:** Take down the fluorescent lamp, starter and cut off the power line that is connected with the ballast.
- **Step 3:** Install external power with the LED tube and make the electrical connection.
- **Step 4:** Check the dimension of the wiring compartment (or junction box) to see whether it can fit the LED driver. Use the existing mounting holes for the driver if possible. Otherwise drill mounting holes. Install the external LED driver by screws and make the electrical connection.
- **Step 5:** Affix the field applied label to the light fixture and install the tube.

Step 2

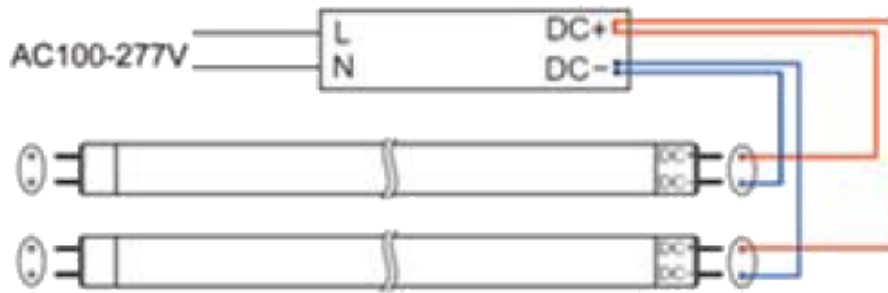


Step 3



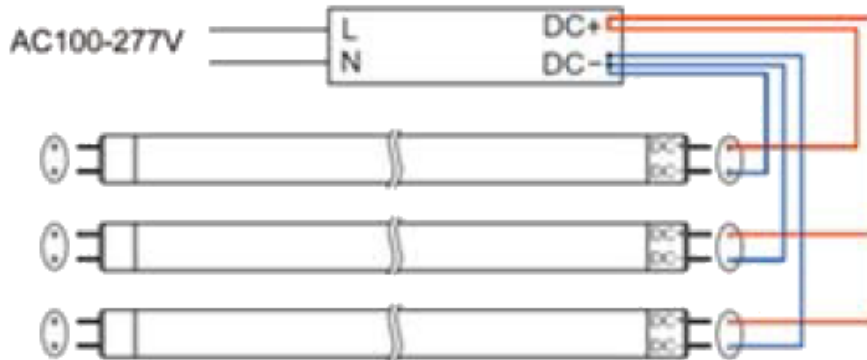
More than one set installation image:

One match Two



OR

One match Three



WARNINGS:

- Check if the product is in good condition before installation.
- The LED tube should **not** be knocked down or replace with a driver randomly.
- Product should **not** be placed in wet areas, high temperatures, flammable or combustible environments. They should be in a cool, dry environment.
- **Risk of fire or electric shock WARNING:** The electrical rating of this products is 100-277Vac. The installer must determine whether they have 100-277V at the luminaire before installation.
- **Risk of fire or electric shock WARNING:** Installation requires knowledge of luminaries' electrical systems. If you are not a qualified electrician, do **not** attempt installation. Contact a qualified electrician.
- **Risk of fire or electric shock WARNING:** Install this product only in the luminaires that have the construction features and dimensions shown in the photographs/drawings.
- Do **NOT** make or alter any open holes in the enclosure of wiring or electrical components during installation.
- **NOT** suitable for enclosed fixtures.
- To prevent wiring damage or abrasion, do **NOT** expose wiring to edges of sheet metal or other sharp objects.
- To avoid potential fire or shock hazard, do **NOT** use the 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 "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 luminaires retrofit kit manufacturer.
- Installers should **not** disconnect existing wires from the lamp holder terminals to make new connections at lamp holder terminals. Instead, installers should cut the existing lamp holder leads away from the lamp holder and make new electrical connections to the lamp holder lead wires by employing applicable connectors.