

DOUBLE-SIDED LED TUBE

T8 LINEAR LIGHTING



PRODUCT OVERVIEW

Input Voltage: 120 ~ 277 VAC
 Operating Temperature: -20 °C (-4 °F) ~ +35 °C (+95 °F)
 Location: IP33 rated, if waterproof socket is applied
 (protected from water spray less than 60 degrees from vertical)



COMPONENTS:

- Double-Sided LED Tube
- Non-shunted lampholder (supplied)

! SAFETY

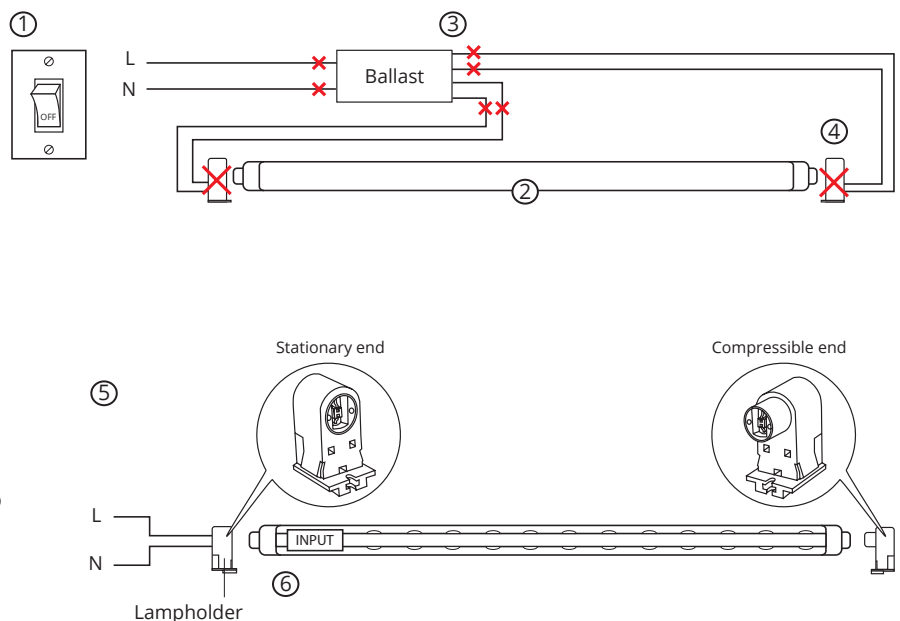
- Risk of electric shock. LED retrofit installation must be done by a qualified electrician and all safety instructions must be followed to avoid a risk of injury and property damage. Do not disassemble this product and replace any LED or other internal components
- Risk of electric shock. Disconnect power before installation. Don't switch on power until installation of lamps are completed
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects

INSTALLATION

Ensure input voltage is AC 120 ~ 277 VAC. Install Double-Sided LED Tube "INPUT" side to the live socket of a ballast bypass fixture.

Retrofitting Fluorescent Fixtures to Ballast Bypass

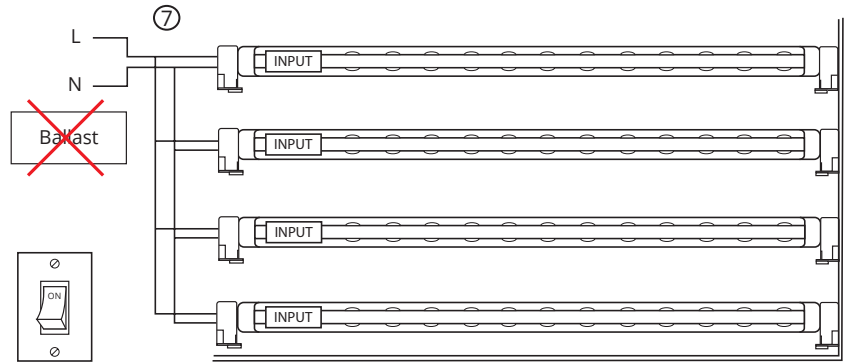
1. Turn off power to your system at the main breaker
2. Remove fluorescent tube
3. Cut all wires connecting to the ballast
4. Remove existing lampholders
5. Wire and install non-shunted lampholder. Refer to non-shunted lampholder manufacturer instructions to do the following:
 - a. Connect line (L) wire from power source into stationary end of lampholder "L"
 - b. Connect neutral (N) wire from power source into stationary end of lampholder "N"
 - c. Securely mount lampholders
6. Install Double-Sided LED Tube (side labeled "INPUT") into the live lampholder



7. Check connections and turn on power at the main breaker

8. Place a sticker label on retrofitted fixture, stating:

“Warning: This fixture has been retrofitted to accommodate LED lamps. Use 120 / 277 VAC LED tubes only. Do not use a fluorescent tube. Do not use a dimmer.”



CARE & HANDLING

- Diagrams are examples only. Be sure to consult specification and installation guides for all components in your system. Always ensure you are complying with NEC and local regulations
- Not intended for use with emergency exit fixtures or emergency exit lights
- Not for use with luminaire ballast
- Do not use if product is damaged
- Suitable for damp locations, not where directly exposed to weather or water
- Not for use with shunted lampholders
- Not to be used with dimmers
- Do not connect in series
- This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
 1. This device may not cause harmful interference
 2. This device must accept any interference received, including interference that may cause undesired operation