

ProLED[®] LED T8 Installation Instructions



IMPORTANT

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

This product must be installed in accordance with the applicable installation code by a qualified electrician who is familiar with the construction and operation of the product and the hazards involved.

WARNING - Risk of fire or electric shock. Disconnect power before installation.

WARNING - Risk of fire or electric shock. The electrical rating of this product is 120V-277V. Installer must determine whether they have 120V-277V at the fixture before installation.

WARNING - T8 LED tube installation requires knowledge of fluorescent lighting luminaires and electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.

WARNING - Install this kit only in the luminaires that have the construction features and dimensions shown in the drawings and/or photographs.

WARNING - Do not use this kit in luminaires that employ shunted bi-pin lamp holders (found in fixtures that use instant start ballasts).

Installation steps:

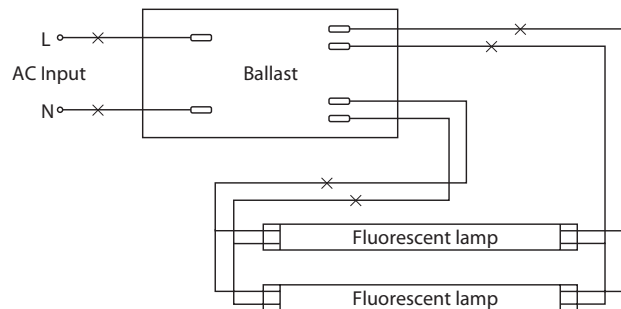
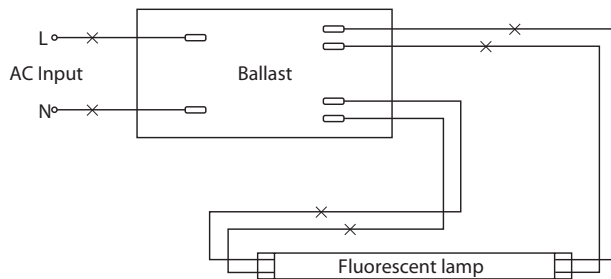
Removing fluorescent lamp system

STEP 1: Disconnect power from fixture.

STEP 2: Remove fluorescent bulb.

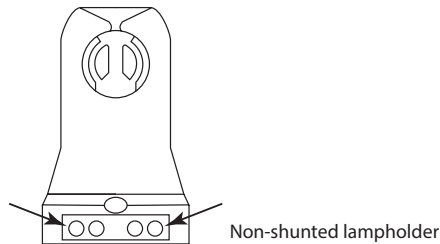
STEP 3: Remove wiring compartment cover.

STEP 4: Cut all wires which are connected to ballast and remove it.



STOP!

DO NOT install this product in a fixture that uses shunted lamp holders (found in all fixtures with instant start ballasts). Installing this product with shunted lamp holders will cause a short circuit condition in the lamp holder and create a fire or shock hazard. Before continuing, determine if the lamp holders currently installed in the fixture are shunted or non-shunted. If the current lamp holders are shunted, cut the wires away from the lamp holders and install non-shunted lamp holders, making new connections with the lead wires at terminals indicated here:



NOTE: If using existing non-shunted lamp holders, Installer should not disconnect lead wires from lamp holders and make new connections at terminals. Instead, cut lead wires away from lamp holders and make new connections to lead wires using approved connectors.

Retrofitting fixtures with ONE LAMP

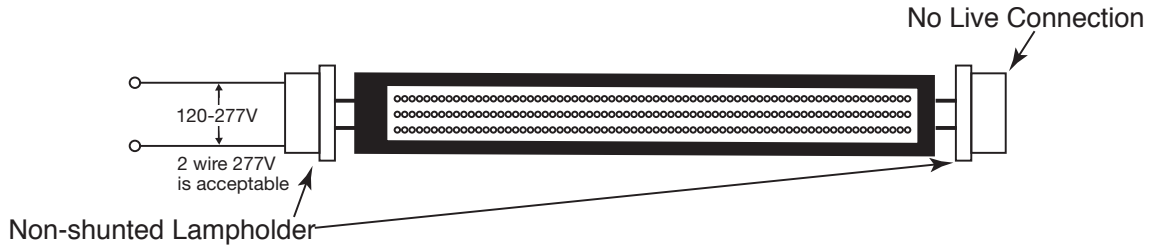
NOTE: Only one end of this LED tube receives power. The “powered” end is indicated with a sticker on the tube itself.

Before beginning installation, determine which end of the fixture will be the “powered” end and which end will be the “dead” end.

STEP 1: Make sure AC power to fixture is OFF

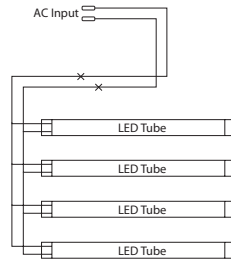
STEP 2: Make sure ground wire from AC supply is securely connected to ground screw inside fixture.

STEP 3: Connect black (live) and white (neutral) lead wires from lamp holders on “powered” end to incoming AC supply black (LIVE) and white (NEUTRAL) wires with approved wire connectors. If only one lamp is being installed, proceed to step 4 below.



Retrofitting fixtures with MULTIPLE LAMPS

After completing steps 1 - 3 above, connect terminals on the “powered” lamp holder for first lamp to matching terminals on “powered” lamp holder for second lamp with black (live) and white (neutral) wires, being sure to maintain polarity. Repeat this “daisy chain” connection for each additional lamp.



STEP 4: When all connections are complete, place appropriate connectors/wire nuts on the end of any unused wires.

STEP 5: Replace wiring compartment cover.

STEP 6: Place sticker that is included with this product on wiring compartment cover or other conspicuous place on or inside of fixture. Sticker reads: “This fixture has been modified. The ballast has been removed. DO NOT install fluorescent lamps in this fixture.”

STEP 7: Place sticker that is included with this product somewhere near the “powered end” socket(s). Sticker reads: “The socket(s) on this end of the luminaire are supplying line voltage. Be sure to install the powered end of the LED tube(s) into the sockets on this end of the luminaire.”

STEP 8: Install LED tube(s), matching the end of the lamp that has the “L/N” sticker to the lamp holder that is connected to the Live and Neutral wires.

STEP 9: Re-connect power to fixture.

The luminaire wiring has now been modified and will no longer operate fluorescent lamps.

Do not use with dimmers.

Suitable for dry locations only.

This device is not intended for use with emergency exits.

IMPORTANT SAFETY INFORMATION:

CAUTION: If the lamp or luminaire exhibits undesirable operation (buzzing, flickering etc.), immediately turn off the power, remove lamp from luminaire and contact the manufacturer.

CAUTION: Risk of fire. Do NOT install a preheat luminaire.

This lamp only operates on electronic ballasts. If lamp does not light when the luminaire is energized, remove lamp from luminaire and contact a qualified electrician. This device is NOT intended for use with emergency exit fixtures or emergency exit lights.

Lamps must be operated within an ambient fixture temperature of -30°C and 56°C (-22°F and 133°F) to ensure UL compliance.

Warranty Information:

This product is warranted for 5 years from the date of purchase. If this product does not perform to the specifications supplied on this package, send an email or write to the address below for product return and replacement. This replacement is the sole remedy available. Liability for incidental or consequential damage is expressly excluded. Visit www.halcolighting.com for full warranty details and compatibility information.

