

LED T8 DIRECT WIRE - 911XX DOUBLE ENDED WIRING ONLY

INSTALL INSTRUCTIONS (BALLAST BYPASS - UL TYPE B)

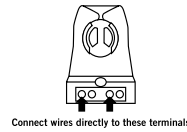


PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the T8 Retrofit Lamps.

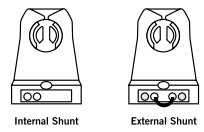
GENERAL: ALL ELECTRICAL CONNECTIONS MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODE (N.E.C.) STANDARDS. IF YOU ARE UNFAMILIAR WITH PROPER ELECTRICAL WIRING CONNECTIONS OBTAIN THE SERVICES OF A QUALIFIED ELECTRICIAN. REMOVE THE TRIM FROM THE BOX AND MAKE SURE THAT NO PARTS ARE MISSING.

- **WARNING** - Installation requires knowledge of luminaries electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- **WARNING** - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- **WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- **WARNING** - Risk of fire or electric shock. Install this kit only in luminaries that have the construction features and dimensions shown in the photographs and/or drawings.
- Can be used with both Shunted and Non-Shunted sockets. If used with Non-Shunted sockets, a jumper wire must be installed in each socket as a shunt, to ensure proper operation and performance.
- This item is rated at 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.
- If dimming is required, only operate with specific dimmer manufactured by Lutron, type 6674 or MACL-153M. Dimmers only operates on 120V.
- Not for use with enclosed fixtures.
- Not for use with emergency exit fixtures.
- Suitable for dry and damp locations only.
- **Double-end wiring only.**

Typical Non-Shunted Lampholder



Typical Shunted Lampholder

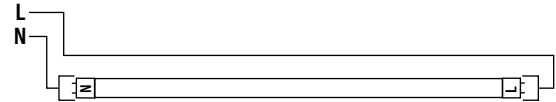


⚠ WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

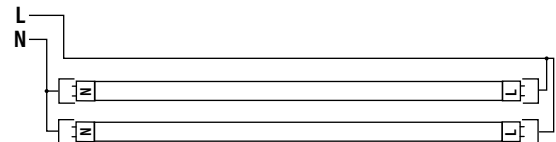
1. Read all WARNINGS before continuing this section.
2. Ensure fixture is 120-277V.
3. Make sure POWER IS TURNED OFF AT THE SOURCE. Do not simply switch off fixture.
4. Remove existing covers from the light fixtures according to the light fixture manufacturer's instructions. Carefully remove the existing fluorescent tubes and dispose of them according to federal, state and local laws.
5. Cut off wires connected to ballast, and remove ballast (and starter if present). Dispose of removed ballast according to federal, state and local laws. (Fig. 1)
6. Make sure to connect the line (L) and neutral (N) to the corresponding ends of the tube marked L and N. (Fig. 2) **Note:** This product is double-ended, do not wire to a single end.
7. Follow wiring diagrams to the right the for numbers of lamps being retrofitted.

Specifications subject to change without notice. Photos and line drawings may not be to scale and are for general reference only.

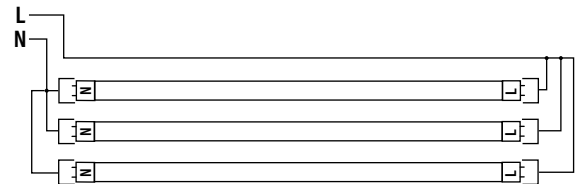
RETROFIT 1 LAMP



RETROFIT 2 LAMPS



RETROFIT 3 LAMPS



RETROFIT 4 LAMPS

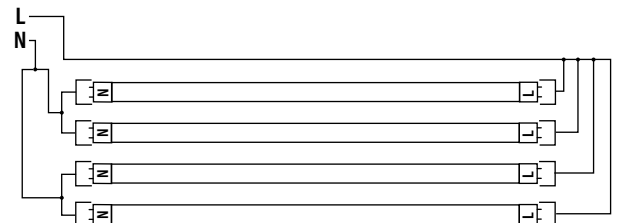


Fig. 1

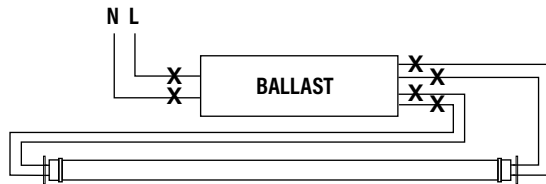
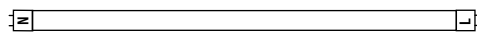
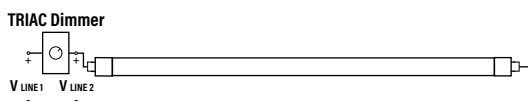


Fig. 2



CONTINUOUS PHASE-CUT DIMMING



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