

911XX • DUAL POWER/DIRECT WIRE

INSTALL INSTRUCTIONS



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.

Suitable for use with SHUNTED and NON-SHUNTED lamp holders.

This item is rated at 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.

Not for use with emergency exit fixtures.

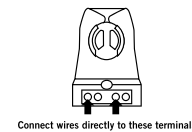
Suitable for dry and damp locations only.

Not for use with dimmers.

! 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 for numbers of lamps. (Fig. 3 - Fig. 6)

Typical Non-Shunted Lampholder



Typical Shunted Lampholder

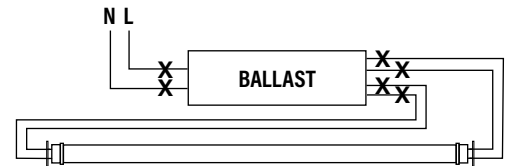
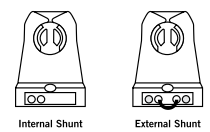


Fig. 1

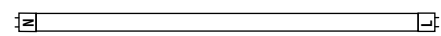


Fig. 2

"This luminaire has been modified and can no longer operate the originally intended lamp," shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance including re-lamping.

Fig. 3: 1 Lamp

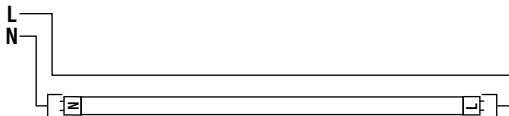


Fig. 4: 2 Lamps

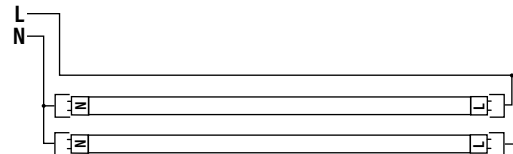


Fig. 5: 3 Lamps

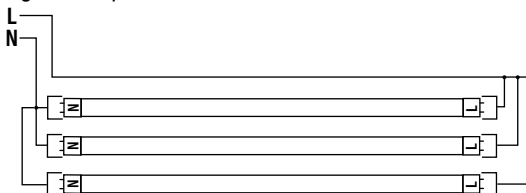


Fig. 6: 4 Lamps

