

INSTALLATION INSTRUCTIONS

8.9W UL TYPE B T8 LED LAMPS | 4 FT. SINGLE-ENDED OR DOUBLE-ENDED



WARNINGS

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

- **WARNING** - Risk of fire or electric shock. LED Reflector kit installation requires knowledge of luminaires' electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- **WARNING** – Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings, and where the input rating of the retrofit kit does not exceed the luminaire's input rating.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to the edges of sheet metal or other sharp objects.
- Installers should not disconnect existing wires from lamp holder terminals to make new connections. 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 using applicable connectors.
- **ONCE THE LUMINAIRE IS MODIFIED AS A RETROFIT FIXTURE IT WILL NO LONGER OPERATE FLUORESCENT LAMPS.**

PLEASE KEEP THIS QUICK INSTALLATION GUIDE FOR FUTURE REFERENCE. MODIFICATIONS TO THE PRODUCT VOID THE WARRANTY. SUITABLE TO REPLACE FLUORESCENT LAMPS AS SPECIFIED ON THE PRODUCT LABEL.

1. DISCONNECT LUMINAIRE POWER

Disconnect luminaire power or circuit (if possible). Ensure all power is off by using a voltmeter or other method to confirm.

2. REMOVE EXISTING LAMP(S)

- a. Remove troffer lens, if present.
- b. Remove existing fluorescent lamps by rotating one-quarter turn and sliding out.
- c. Remove ballast cover. Cover may be secured with screws or tabs.

Specifications and dimensions subject to change without notice.

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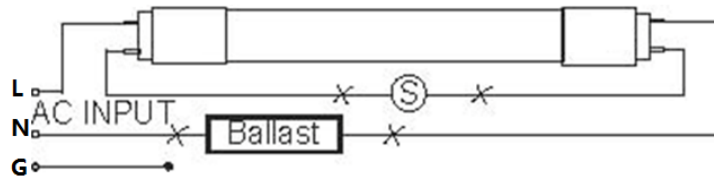
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3. Retrofit Luminaire

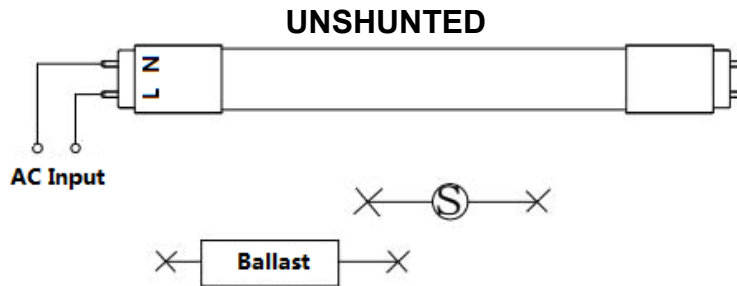
3.1 Wiring:

a. Retrofit luminaire with inductive ballast. (*Single-Ended Lamp*)

1) Disconnect the wires between the starter and ballast according to the figure below.

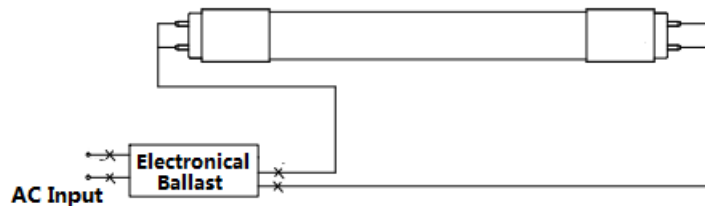


2) Connect two wires to branch circuit L and N according to the figure below.

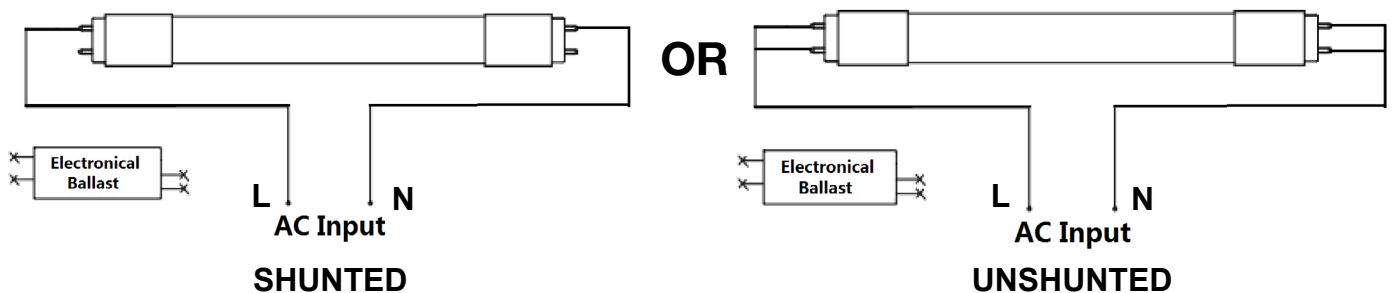


b. Retrofit luminaire with electronic ballast. (*Double-Ended Lamp*)

1) Disconnect the wires between the starter and ballast according to the figure below.



2) Connect two wires to branch circuit L and N according to the figure below.



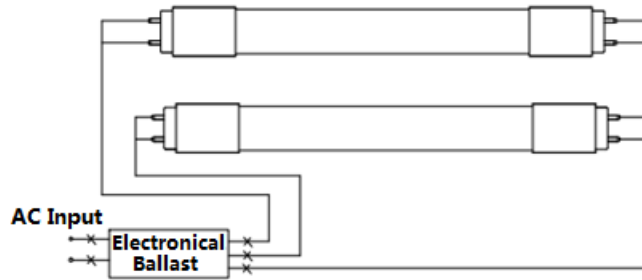
Specifications and dimensions subject to change without notice.

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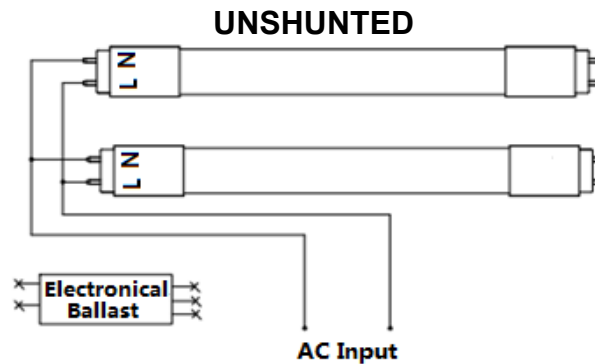
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c. Retrofit luminaire with two lamps and one electronic ballast. (*Single-Ended Lamp*)

- 1) Disconnect the wires between the starter and ballast according to the figure below.

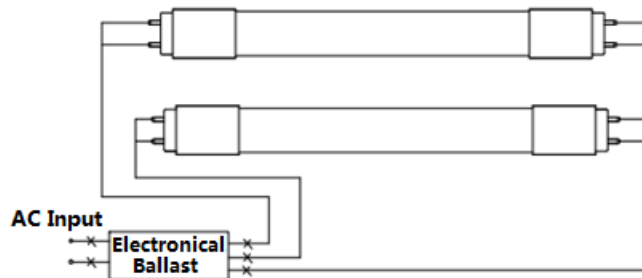


- 2) Connect two wires to branch circuit L and N according to the figure below.

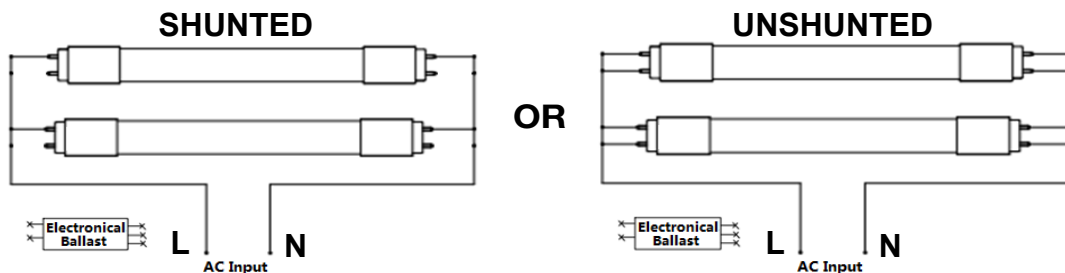


d. Retrofit luminaire with two lamps and one electronic ballast. (*Double-Ended Lamp*)

- 1) Disconnect the wires between the starter and ballast according to the figure below.



- 2) Connect two wires to branch circuit L and N according to the figure below.



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4. Insert LED Lamps

- a. Read the label on the LED lamp to ensure the power end of the LED is aligned with the powered lamp socket, then insert the LED lamp in the normal way by sliding the pins into the sockets and rotating a quarter turn until the LED lamp locks in place.
- b. LED lamps are now fully installed. Replace the troffer lens if present.
- d. After modification is completed, attach the Replacement Marking and Cautionary Label to a visible place on the luminaire and keep it visible after installation.

5. Restore Power To The Luminaire

Restore power to the circuit/luminaire and test light. If necessary, adjust position of LED lamps.