

**» Please read instructions carefully before using this product**

1. Be careful when opening the carton, contact us if there is any damage.
2. 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.
3. "Caution - risk of shock" and "Disconnect power before servicing" when photoelectric switch provided.
4. Please check whether the voltage marked on the luminaire is consistent with the input voltage to be connected to avoid damaging the led luminaire.
5. To ensure the lifetime of the product, please do not use it in a place with strong acid mist.
6. Make sure the installation position can withstand 10 times the weight of the luminaire before installation and install it at a flat place with no vibration, no swing, and no fire hazard.
7. Added weight of the device may cause instability of a free standing portable luminaire.
8. This device is not intended for use with emergency exits.
9. The retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.
10. The installation guide does not supersede local or national regulations for electrical installations.

**» Electrical Parameters**

11. Product model : see the product label for the product model
12. Product power : 32W, 42W See the product label for product power.
13. Input voltage : 120-277VAC 50/60Hz
14. Product size : 93.19" x 1.02"
15. Product weight : 1.6lbs
16. Ambient temperature : -25°C-+45°C
17. Protection level : Damp environment
18. Product life warranty : Limited 5 years
19. Humidity : ≤60%.
20. Air Pressure : 90-106 Kpa

**» Package**

1. T8 LED Tube lamp.
2. Installation Instruction.

**» Please Note: These are Double-End Power Tubes / Will only operate as Ballast Bypass-Direct Wire**

Step 1: Remove existing fluorescent tubes and ballast cover.

Step 2: Cut all wires at Ballast, cutting closest to ballast in order to reuse if length is needed.

Step 3: Remove Ballast and discard.

Step 4: (a) Gather all wires from sockets at one end and connect to the Live power side.

(b) Gather all wires from sockets at the other end and connect to the Neutral.

Step 5: Strip wires and use wire nuts to connect lines

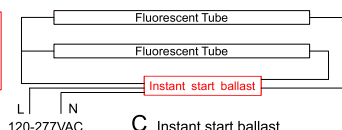
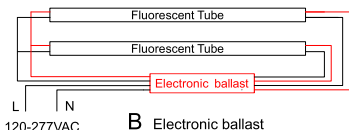
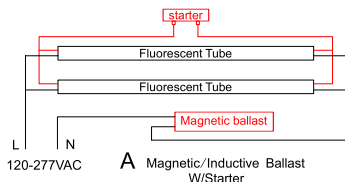
Step 6: Return Ballast cover. Insert tubes and rotate if needed, into position.

## 8FT LED DOUBLE END BALLAST BYPASS

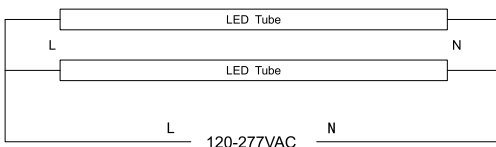
## Installation Instructions Continued:

### » Circuit Modification

Remove or disconnect all of the wiring/starter/ballast indicated in red in the diagrams below. When removing or cutting the wires from the sockets at the “dead” end of the fixture, make sure that they are tight in the fixture and will hold your new LED bulbs securely. Replace any broken sockets. If you elect to leave the starter, ballast, or cut wiring in the fixture, or if it cannot easily be removed, make sure that all unused lead wires are wire nipped, rolled up, and secured out of the way.



### » Wiring Diagram:



### » Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Light will not turn on	A.Light switch is turned off. B.Fuse is blown or circuit breaker is turned off. C.Incorrect circuit wiring.	A.Turn light switch on. B.Replace fuse or turn circuit breaker on. C.Verify that fixture is wired properly.

- 1. WARNING - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminares electrical systems.**

**>> If not qualified, do not attempt installation. Contact a qualified electrician <<**

- 2. WARNING - Risk of fire or electric shock.** Install this kit only in luminares 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 input rating of the luminaire.
- 3.** Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation."
- 4. WARNING -** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- 5.** Examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.
- 6. THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.**