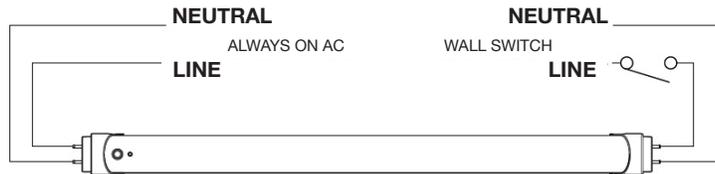


INSTALLATION INSTRUCTIONS

EMERGENCY LED TUBES | DOUBLE-ENDED TYPE B STAR SERIES

PRODUCT FEATURES:

- ETL Listed.
- Fully-sleeved aluminum and polycarbonate housing.
- Double-ended power:



PRODUCT APPLICATIONS:

Widely used in commercial buildings, offices, retail stores, shopping malls, supermarkets, hospitals, industrial/manufacturing, warehouses, etc. for energy saving illumination.

INSTALLATION INSTRUCTIONS:

Please completely comply with these instructions and notes to ensure that the product is installed and operated in a safe condition.



SAFETY PRECAUTIONS:

For your and others' safety, please read the precaution carefully before installation:

- (1). Product should be installed by a qualified electrician.
- (2). Switch off the power supply before commencing work.
- (3). Make sure of correct connections before powering on.

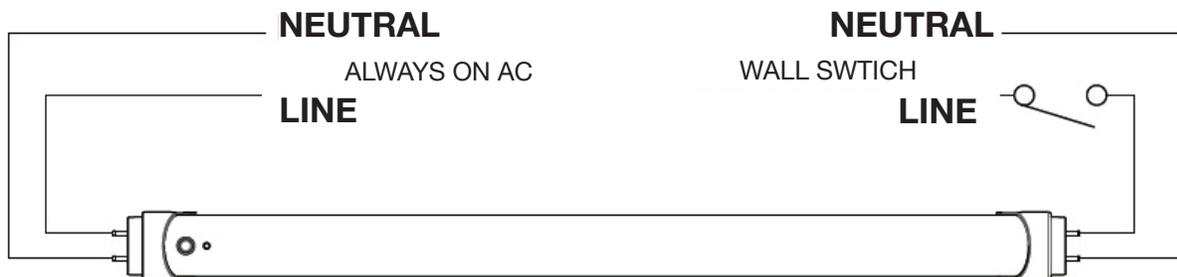
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

INSTALLATION INSTRUCTIONS

EMERGENCY LED TUBES | DOUBLE-ENDED TYPE B STAR SERIES

INSTALLATION INSTRUCTIONS

1. Disconnect luminaire power or circuit (if possible). Ensure all power is off by using a voltmeter or other method to confirm.
2. REMOVE EXISTING TUBE LAMP(S).
 - a. Remove troffer lens, if present.
 - b. Remove existing fluorescent by rotating one quarter turn and sliding lamp(s).
 - c. Remove ballast cover (Cover may be secured with screws or tabs).
3. REWIRE THE FIXTURE.
 - a. Disconnect power and lamp wires.
 - b. Connect the two wires to branch circuit Line and Neutral directly to lamp holder according to the below figure:



4. INSERT LED TUBES.
 - a. Ensure both the ends of the LED Tube are aligned with Socket, then insert LED Lamp in the normal way by sliding Pins into Sockets and rotating a quarter turn until the LED Tube locks in place.
 - b. LED Lamps are now fully installed.
 - c. Replace troffer lens, if present.
 - d. After modification completed. Attach the Replacement Marking and Cautionary Label to a visible place on the luminaire and keep it visible after installation.
5. RESTORE THE LUMINAIRE POWER
6. Restore Power to Circuit/Luminaire and test Light. If necessary, adjust position of LED Tube, and enjoy your new LED tube!

INSTALLATION INSTRUCTIONS

EMERGENCY LED TUBES | DOUBLE-ENDED TYPE B STAR SERIES

PRODUCT FUNCTIONS

- Combine emergency function and general lighting function together
 - (1) When the building power is working well, the tube can work as general lighting, and turn on/off controlled by the wall switch, photocell, or control system.
 - (2) When the building power is interrupted, the emergency status will be automatically be activated, and provide approximately 90 minutes of emergency lighting.
- Self-test function, self-test monthly and yearly:

If the emergency function is abnormal, the indicator light will blink.
- Automatic charging function

The indicator light shows charging status and full charge status.
- Battery transportation protection function

Press the test button three times quickly, the battery will go into hibernation, and standby 8,000-hours before installation.

INSTALLATION INSTRUCTIONS

EMERGENCY LED TUBES | DOUBLE-ENDED TYPE B STAR SERIES



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 input rating of the luminaire.
- 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** – To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lamp holders. Note: Shunted lamp holders are found only in fluorescent luminaires with Instant-Start ballasts.
- Instant-start ballasts can be identified by the words “Instant Start” or “I.S.” marked on the ballast. This designation may be in the form of a statement pertaining to the ballast itself, or may be combined with the marking for the lamps with which the ballast is intended to be used, for example F40T12/IS. For more information, contact the LED luminaire retrofit kit manufacturer.
- Installers should not disconnect existing wires from lamp holder terminals to make new connections at lamp holder terminals. Instead installers should cut existing lamp holder leads away from the lamp holder and make new electrical connections to lamp holder lead wires by employing applicable connectors.
- 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.
- **THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A REFRIGERATION SYSTEM WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.**
- **THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.**