

BALLAST BYPASS T8 LED A1 SERIES



WARNING

RISK OF ELECTRICAL SHOCK IMPORTANT SAFEGUARDS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

This equipment meets UL standards for installation in existing luminaires using G13 Bi-pin - non shunted sockets. To ensure safety and rated lifespan, this product must be installed according to these instructions by qualified electrician only.

Do not use this equipment for other than the intended use.

For installation of T8 BB A1 models using SINGLE END POWER CONNECTION and INTERNAL POWER SUPPLY

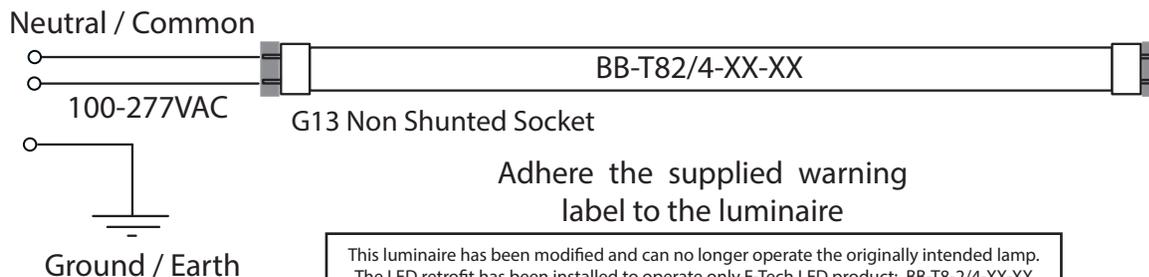
Installation Instructions

1. Disconnect electrical power to luminaire fixture.
2. Inspect existing sockets to ensure that sockets are G13 bi-pin, non-shunted type and that they are intact and undamaged.
3. Cut or disconnect wiring to existing ballast. Remove ballast and dispose of properly.
4. Using existing wire, connect line voltage (120-277VAC) wires to single socket as shown in Wiring Installation Diagram below.
5. Install the tube into sockets by inserting pins into socket and turning 90 degrees to secure.
6. Ensure that sockets and wiring are secure and attached properly to the luminaire enclosure.
7. Adhere the supplied retrofit warning label to a visible location on the luminaire enclosure.
8. Reconnect electrical power to luminaire fixture.

WARNINGS:

1. **WARNING** - Risk of fire or electrical shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
2. **WARNING** - Risk of fire or electrical shock. Install this kit only in luminaires that have the construction features and dimensions typical of conventional fluorescent luminaire fixtures.
3. Risk of electric shock - Use in dry location only.
4. Risk of electric shock - Use un-shunted G13 sockets only.
5. The increased weight of the LED T8 tubes could influence the mechanical stability of certain fixtures or lamp holders and may impair proper contact and lamp retention.
6. The light distribution of the luminaire will change when replacing a fluorescent lamp with a LED T8 tube. This can influence the illumination parameters in working places.
7. No construction changes of the luminaire are permitted, except in changing the wiring configuration of the luminaire as diagramed herein.
8. This LED T8 tube device is not intended for use in emergency exit lights.
9. Do not install in a raceway or a luminaire marked for through branch wiring.
10. Remove any thermal protector from the existing luminaire.
11. Use in luminaire without sealed or gasketed coverings.
12. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
13. **WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
14. Upon completion of this installation, this luminaire can no longer operate with the originally intended fluorescent lamps. Supplied warning label must be adhered onto the retrofit luminaire where readily visible by the user during normal maintenance including re-lamping.

Wiring Installation Diagram



This luminaire has been modified and can no longer operate the originally intended lamp. The LED retrofit has been installed to operate only E-Tech LED product: BB-T8-2/4-XX-XX Replacement parts are available at www.eteched.com