LED T8 Tubes

BEFORE YOU BEGIN

To install the LED T8 tube, please read the entire installation guide carefully.

Ensure that package includes: installation guide, warning label to be attached to luminaire, LED T8 tube and LED dummy starter.

Product is not intended to be used with dimmers and emergency light luminaires. This LED T8 tube is not suitable for direct replacement of linear fluorescent lamp in luminaires where two lamps are connected in series with one conventional control gear. When direct wiring of the luminaire is needed. The technical and safety requirements of the converted luminaire are the sole responsibility of the party doing the conversion and shall comply with the local applicable safety and regulatory laws (i.e. LV (2) and standards (i.e. IEC 60598). The provided Warning label should be placed onto the converted luminaire to indicate that the luminaire has been modified and can no longer be used with fluorescent lamps.

WARNING: Risk of fire or electric shock. LED Retrofit installation must be done by a qualified technician only and all safety instructions must be followed to avoid a risk of injury or property damage.

Do not disassemble this product and replace any LED or other internal components. When the light source reaches its end of life the whole tube shall be replaced.

WARNING: Risk of Electric Shock. Disconnect power before installation of the product.

Note: Caution label with the following warning shall be placed onto the fixture in a location where readily visible by the user during re-lamping and after installation. “Caution: Risk of Injury or Damage. This luminaire has been modified and can no longer operate a fluorescent lamp. Only use the replacement LED T8 lamp type or contact manufacturer for more information.”

Retrofit / Magnetic Ballast System

1) Turn power off by disconnecting the supply voltage
2) Remove current fluorescent lamps and dispose of them properly based on local regulations
3) Find and remove existing fluorescent starter
4) Insert LED T8 starter provided into existing fluorescent starter location
5) Installer should apply caution label provided to luminaire to state that luminaire has been modified and operates only LED lamps.
6) Check fluorescent socket for damage. If damaged replace with one of the exact configuration and rating. Insert T8 LED lamp
7) Turn power back on and check for proper operation

Direct wire / New luminaire

For applications where use on EM ballasts is not possible please follow the procedure below
1) Ensure power is off to luminaire by disconnecting the supply voltage
2) Remove all fluorescent lamps and starters
3) Wire luminaire to the configuration shown on drawing 3. Note: LED T8 tube will not work with shunted lamp holders. Note: Final compliance/inspection to local standards/regulations of the luminaire is the responsibility of the luminaire manufacturer or installer. Note: The fuse is rated for 250 V 500 mA. See electrical distributor for proper fuse.
4) Place warning label found in LED retrofit lamp package to ensure that the user understands that the system now uses LED tubes and replacement with fluorescent can cause damage.
5) Insert T8 LED lamp
6) Turn power back on and check for proper operation

This lamp is designed for general lighting service (excluding for example explosive atmospheres).

This lamp may not be suitable for use in all applications where a traditional fluorescent lamp has been used. The temperature range of this lamp is more restricted. In case of doubt regarding the suitability of the application the manufacturer of this lamp should be consulted.

LED T8 Tubes of equivalent dimensions are suitable to replace 16/18W 2ft, 32/36W 4ft or 51/58W 5ft fluorescent T8 lamps in luminaires containing standard non-shunted G13 (medium bi-pin) lamp holders. For use on electronic control gear please refer to direct wiring/new luminaire section of the instructions.

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