LED T8 Tubes

LED 27/T8 1500MM/840/220-240V
LED 27/T8 1500MM/865/220-240V

LED T8 Tube is suitable to replace T8 fluorescent lamps in luminaires containing standard non-shunted G13 (medium bi-pin) lamp holders and magnetic ballasts (conventional control gears). For use on electronic control gear please refer to direct wiring/new luminaire section of the instructions.

**BEFORE YOU BEGIN**
Read these instructions completely and carefully.

Ensure all parts are in the package: instruction, field-applied label, SF650 LED T8 starter and tubular LED T8 lamp.

Product is not intended to be used with dimmers and emergency light luminaires. 600mm 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. Direct wiring of the Luminaire. 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. LVD) and standards (i.e. IEC 60598). The converted luminaire shall be given a new label including a warning that the luminaire has been converted 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 electrician only and all safety instructions must be followed to avoid a risk of injury or property damage.

A label needs to be placed onto the fixture in a location that is visible during retrofit that has the following caution. “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 manufacture 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.

Please retain this Installation Guide for further reference
GE Lighting disclaims liability for any damage caused by not following the instructions in this Installation Guide.

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