

# LED T8 Tubes

LED 8/T8 BP 2ft/830/100-240V BX1/15	LED 8/T8 BP 2ft/840/100-240V BX1/15	LED 8/T8 BP 2ft/865/100-240V BX1/15
LED 10/T8 BP 2ft/830/100-240V BX1/15	LED 10/T8 BP 2ft/840/100-240V BX1/15	LED 10/T8 BP 2ft/865/100-240V BX1/15
LED 16/T8 BP 4ft/830/100-240V BX1/15	LED 16/T8 BP 4ft/840/100-240V BX1/15	LED 16/T8 BP 4ft/865/100-240V BX1/15
LED 20/T8 BP 4ft/830/100-240V BX1/15	LED 20/T8 BP 4ft/840/100-240V BX1/15	LED 20/T8 BP 4ft/865/100-240V BX1/15

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.

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

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

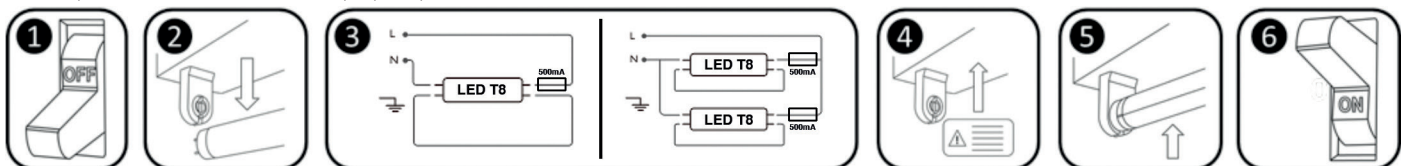
- 1) Turn power off by disconnecting the supply voltage
- 2) Remove current fluorescent lamps and dispose of them properly based on local regulations
- 3) Find and remove existing fluorescent starter
- 4) Insert LED T8 starter provided into existing fluorescent starter location
- 5) Installer should 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.



- GB** The English version of the installation instruction and safety information can be found at the following location:
- DE** Die deutsche Version der Installationsanleitung und Sicherheitsinformationen finden Sie in folgendem Verzeichnis:
- FR** La version française des instructions d'installation et informations de sécurité est disponible à l'adresse suivante:
- IT** La versione italiana del manuale di installazione e sicurezza può essere reperita nella seguente sezione:
- ES** La versión española de las instrucciones de instalación y la información sobre seguridad puede encontrarse en la siguiente ubicación:
- PT** A versão em Português das instruções de instalação e das informações de segurança pode ser encontrada na seguinte localização:
- RO** Versiunea în limba română a instrucțiunilor de instalare și a informațiilor de siguranță pot fi găsite la:
- PL** Polską wersję instrukcji instalacji oraz informacje dotyczące bezpieczeństwa można znaleźć w następującej lokalizacji:
- CZ** Návod k montáži a bezpečnostní informace v češtině najdete zde:
- SK** Slovenskú verziu montážnej príručky a bezpečnostných inštrukcií nájdete na nasledujúcej lokalite:
- HR** Hrvatska verzija priručnika za ugradnju i sigurnosnih informacija nalazi se na sljedećoj lokaciji:
- RS** Verziju uputstva za instalaciju i informacija o bezbednosti na srpskom jeziku možete pronaći na sledećoj lokaciji:
- SI** Slovenska različica navodil za namestitev in varnostnih navodil se nahaja na naslednji strani:
- BA** Upute za instalaciju i sigurnosne informacije na engleskom jeziku možete naći na sljedećoj web lokaciji:
- MK** Англиската верзија на упатството за инсталирање и за безбедносните информации може да се најде на следната локација:
- HU** A telepítési útmutató és a biztonságai információk magyar nyelvű változata az alábbi címen található:
- NL** De Nederlandse versie van de installatie-instructies en veiligheidsinformatie kan op de volgende locatie worden gevonden:
- DK** Den danske version af installationsvejledningen og sikkerhedsoplysninger kan findes på følgende placering:
- FI** Asennusohjeiden ja turvallisuuksiin liittyvien suomenkielinen versio löytyy seuraavasta paikasta:
- NO** Den norske versjonen av installasjonsinstruksjonene og sikkerhetsinformasjonen finnes under:
- SE** Ni hittar den svenska versionen av installationsanvisningarna och säkerhetsinformationen på följande plats:
- EE** Eestikeelse paigaldusjuhendi ja ohutusnõuded leiate aadressilt:
- LV** Uzstādīšanas instrukciju un drošības informāciju latviešu valodā var atrast šeit:
- LT** Lietuvišką diegimo instrukcijos ir saugos informacijos versiją galima rasti šioje vietoje:
- GR** Μπορείτε να βρείτε την ελληνική εκδοχή των οδηγιών εγκατάστασης και των πληροφοριών ασφάλειας στην εξής τοποθεσία:
- RU** Русскую версию инструкции по установке и технике безопасности можно найти здесь:
- UA** Українська версія інструкції зі встановлення та інформація щодо безпеки знаходяться за такою адресою:
- BG** Българската версия на инструкциите за инсталация и информация за безопасност могат да бъдат намерени на следния адрес:
- ARAB** يمكن إيجاد النسخة العربية من إرشادات التثبيت ومعلومات الأمان على الموقع التالي:
- TR** Montaj talimatı ve güvenlik bilgilerinin Türkçe sürümü, aşağıdaki konumda bulunabilir:
- IL** ניתן למצוא הגרסה העברית של פרטי ההתקנה ופרטי הבטיחות בכתובת דלהלן:

[www.gelighting.com/installations](http://www.gelighting.com/installations)



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