

LED T8 - LINEAR REPLACEMENT LAMP
HIGH EFFICIENCY GLASS SERIES
UL TYPE-B



PRODUCT DESCRIPTION:

MaxLite LED T8 Linear Replacement Lamps are the ideal energy saving choices when upgrading traditional linear T8 or T12 fluorescent lamps in fixtures containing standard G13 (medium bi-pin) sockets. The LED T8 lamps are designed to provide appropriate light levels while utilizing a dedicated internal driver and require non-shunted G13 medium bi-pin lamp holders.

FEATURES:

- Universal voltage: 120V-277V applications
- Color Rendering Index (CRI): ≥85
- Beam angle: 330°
- 50,000 hour life (100,000 hours for -G10 models)
- High power factor: ≥ 0.90
- Easy retrofit into most common linear fluorescent fixtures
- Simple ballast bypass
- Instant on
- Mercury free and virtually no UV or IR light
- Non dimmable
- Suitable for enclosed fixture
- [NSF certified](#)
- Five year limited warranty
- Ten year limited warranty ending with "-G10"
- Product L12.5T8SE4xx-G and L16.5T8SE4xx-G and are listed on the DLC QPL ("xx" represents "35", "40" or "50")
- Product L12.5T8SE4xx-G10 & L16.5T8SE4xx-G10 are listed on the DLC QPL ("xx" represents "40" or "50")

WARRANTY:

5-year standard warranty
(further details available at www.maxlite.com/warranties)
Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.

| MODEL SELECTION (Full list of order codes on pg. 2) | | | Typical order example: L12.5T8SE440-G | | |
|---|----------------------------|-------------|---|---------|---|
| L | | T8 | SE | 4 | |
| FAMILY | WATTAGE | LAMP TYPE | OPERATION | LENGTH | CCT & WARRANTY |
| L= LED Linear | 12.5= 12.5W 16.5= 16.5W | T8= T8 tube | SE= Single-End Power | 4= 4 FT | 35-G= 3500K, Glass, 5 Yr warranty 40-G= 4000K, Glass, 5 Yr warranty 50-G= 5000K, Glass, 5 Yr warranty |
| MODEL SELECTION (Full list of order codes on pg. 2) | | | Typical order example: L16.5T8SE450-G10 | | |
| L | | T8 | SE | 4 | |
| FAMILY | WATTAGE | LAMP TYPE | OPERATION | LENGTH | CCT & WARRANTY |
| L= LED Linear | 12.5= 12.5W 16.5= 16.5W | T8= T8 tube | SE= Single-End Power | 4= 4 FT | 40-G10= 4000K, Glass, 10 Yr warranty 50-G10= 5000K, Glass, 10 Yr warranty |

SPECIFICATIONS:






| ITEM | SPECIFICATION | DETAILS | |
|----------------------------|-------------------------|---|----------------|
| | | L12.5T8SE4XX-G | L16.5T8SE4XX-G |
| GENERAL PERFORMANCE | Power Consumption | 12.5W | 16.5 |
| | Lumens Delivered | 1800 | 2200 |
| | Efficacy | 135 lm/w | 130 lm/W |
| | CRI | ≥ 85 | |
| | Beam Angle | 330° | |
| | Color Temperature (CCT) | 3500K, 4000K, 5000K | |
| | Lumen Maintenance (L70) | 50,000 hours, (100,000 hours for -G10 models) | |
| ELECTRICAL | Power Factor | ≥ 0.90 | |
| | Input Voltage | 120V-277V, 50/60Hz | |
| PHYSICAL | Operating Temperature | -4°F to 113°F | |
| | Lens | Opal (Frosted) | |
| CERTIFICATION | Certification | UL, NSF, LM79, LM80 | |
| | Material Usage | RoHS compliant; no mercury | |
| | Environment | Dry & Damp | |
| | Warranty | 5 Years, 10 Year (-G10 models) | |
| QUALIFICATION | DesignLight Consortium | DLC 4.1 | |

Lighting layouts and spacing criteria available upon request

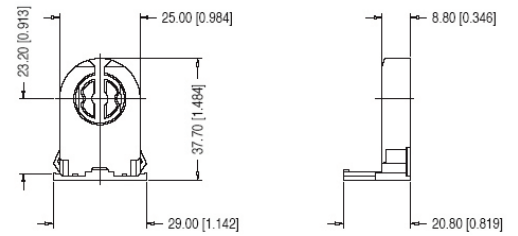
ORDERING:

| ORDER CODE | MODEL | WATTS | CCT | DIMENSIONS (L" x DIA") |
|--------------------------------|-------------------|-------|-------|------------------------|
| 5 YEAR WARRANTY MODELS | | | | |
| 99898* | L12.5T8SE435-G* | 12.5 | 3500K | 47.75" x 1.00" |
| 99899 | L12.5T8SE440-G | 12.5 | 4000K | 47.75" x 1.00" |
| 99900 | L12.5T8SE450-G | 12.5 | 5000K | 47.75" x 1.00" |
| 101297* | L16.5T8SE435-G* | 16.5 | 3500K | 47.75" x 1.00" |
| 101298 | L16.5T8SE440-G | 16.5 | 4000K | 47.75" x 1.00" |
| 101299 | L16.5T8SE450-G | 16.5 | 5000K | 47.75" x 1.00" |
| 10 YEAR WARRANTY MODELS | | | | |
| 101010 | L12.5T8SE440-G10 | 12.5 | 4000K | 47.75" x 1.00" |
| 101011 | L12.5T8SE450-G10 | 12.5 | 5000K | 47.75" x 1.00" |
| 101631* | L16.5T8SE440-G10* | 16.5 | 4000K | 47.75" x 1.00" |
| 101633* | L16.5T8SE450-G10* | 16.5 | 5000K | 47.75" x 1.00" |

* Special order only, MOQ: 2000pcs

| ACCESSORIES | | | |
|-------------|--------------|---|--|
| ORDER CODE | MODEL NUMBER | DESCRIPTION | ACCESSORIES IMAGE |
| 73978 | G13LPNS | G13 Low Profile Non-Shunted Lamp Holder |  |
| 1409026 | G13KIT1 | 1-Lamp Wiring Harness for LED T8 Single-End Powered, Ballast Bypass Lamps |  |
| 1409027 | G13KIT2 | 2-Lamp Wiring Harness for LED T8 Single-End Powered, Ballast Bypass Lamps |  |
| 1409028 | G13KIT3 | 3-Lamp Wiring Harness for LED T8 Single-End Powered, Ballast Bypass Lamps |  |
| 1409029 | G13KIT4 | 4-Lamp Wiring Harness for LED T8 Single-End Powered, Ballast Bypass Lamps |  |

G13LPNS SOCKET LINE DRAWING:



G13KITX SOCKET LINE DRAWING:

