

## LED T8 - Linear Replacement Lamp

### L SERIES



### 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:

- 2' & 4' lamps are DesignLights Consortium® (DLC) qualified
- Universal voltage: 120V-277V applications
- Color Rendering Index (CRI):  $\geq 82$
- 50,000 hour life
- THD  $< 20\%$
- High power factor:  $\geq .90$
- 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
- Five year limited warranty (10 Year optional)



Scan QR Code to view Installation Video  
or visit the following link: <http://bit.ly/T8InstallationVideo>

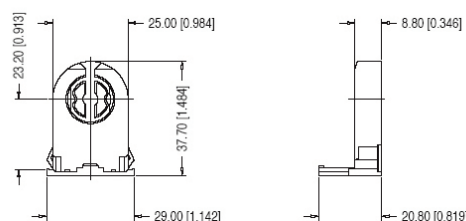
#### MODEL SELECTION (Full list of order codes on pg. 2)

Typical order example: L18T8SE441

| L             |                                                                                                                                                           | T8          | SE               |                                                                                        |                                                                              |                                                |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------|
| FAMILY        | WATTAGE                                                                                                                                                   | LAMP TYPE   | POWER CONNECTION | LENGTH                                                                                 | CCT                                                                          | WARRANTY                                       |
| L= LED Linear | <b>10=</b> 10W (2FT & 3FT only)<br><b>15=</b> 15W (4FT only)<br><b>18=</b> 18W (4FT only)<br><b>22=</b> 22W (4FT & 5FT only)<br><b>31=</b> 31W (6FT only) | T8= T8 tube | SE= Single end   | <b>2=</b> 2 FT<br><b>3=</b> 3 FT<br><b>4=</b> 4 FT<br><b>5=</b> 5 FT<br><b>6=</b> 6 FT | <b>35=</b> 3500K<br><b>41=</b> 4100K<br><b>50=</b> 5000K<br><b>65=</b> 6500K | <b>(OMIT)=</b> 5 Years<br><b>-10=</b> 10 Years |

#### ACCESSORIES

| ORDER CODE | MODEL NUMBER | DESCRIPTION                             | ACCESSORIES IMAGE                                                                   |
|------------|--------------|-----------------------------------------|-------------------------------------------------------------------------------------|
| 73978      | G13LPNS      | G13 Low Profile Non-Shunted Lamp Holder |  |



### SPECIFICATIONS:

| SPECIFICATIONS:     |                         | 2 - FOOT                             | 3 - FOOT | 4 - FOOT |          |          | 5 - FOOT | 6 - FOOT |
|---------------------|-------------------------|--------------------------------------|----------|----------|----------|----------|----------|----------|
| ITEM                | SPECIFICATION           | DETAILS                              |          |          |          |          |          |          |
| GENERAL PERFORMANCE | Power Consumption       | 10W                                  | 10W      | 15W      | 18W      | 22W      | 22W      | 31W      |
|                     | Lumens Delivered        | 1,050                                | 1,080    | 1575     | 1,950    | 2,300    | 2,300    | 3,250    |
|                     | Efficacy                | 105 lm/w                             | 108 lm/w | 105 lm/w | 108 lm/w | 105 lm/w | 105 lm/w | 105 lm/w |
|                     | CRI                     | ≥82                                  |          |          |          |          |          |          |
|                     | Beam Angle              | 120°                                 |          |          |          |          |          |          |
|                     | Color Temperature (CCT) | 3500K, 4100K, 5000K, 6500K           |          |          |          |          |          |          |
|                     | Lumen Maintenance (L70) | 50,000 hours                         |          |          |          |          |          |          |
| ELECTRICAL          | Power Factor            | Over 90%                             |          |          |          |          |          |          |
|                     | Input Voltage           | 120V-277V 50/60 Hz                   |          |          |          |          |          |          |
| PHYSICAL            | Operating Temperature   | -4°F to 122°F                        |          |          |          |          |          |          |
|                     | Lens                    | Frosted                              |          |          |          |          |          |          |
| CERTIFICATION       | Certification           | UL, LM79, LM80, DLC (2FT & 4FT only) |          |          |          |          |          |          |
|                     | Material Usage          | RoHS compliant; no mercury           |          |          |          |          |          |          |
|                     | Environment             | Dry & Damp                           |          |          |          |          |          |          |
|                     | Warranty                | 5 Years, 10 Years (Optional)         |          |          |          |          |          |          |

Lighting layouts and spacing criteria available upon request

Please contact your MaxLite representative to order products that don't have order codes listed here.

### ORDERING:

| ORDER CODE | MODEL         | WATTS | LENGTH | CCT   | WARRANTY | DIMENSIONS (L" x DIA") |
|------------|---------------|-------|--------|-------|----------|------------------------|
| 73950      | L10T8SE241    | 10    | 2FT    | 4100K | 5 Years  | 23.75" x 1.29"         |
| 73951      | L10T8SE250    | 10    | 2FT    | 5000K | 5 Years  | 23.75" x 1.29"         |
| 73952      | L10T8SE341    | 10    | 3FT    | 4100K | 5 Years  | 35.75" x 1.29"         |
| 73979      | L15T8SE441    | 15    | 4FT    | 4100K | 5 Years  | 47.75" x 1.29"         |
| 73980      | L15T8SE450    | 15    | 4FT    | 5000K | 5 Years  | 47.75" x 1.29"         |
| 73557      | L18T8SE435    | 18    | 4FT    | 3500K | 5 Years  | 47.75" x 1.29"         |
| 72842      | L18T8SE441    | 18    | 4FT    | 4100K | 5 Years  | 47.75" x 1.29"         |
| 72841      | L18T8SE450    | 18    | 4FT    | 5000K | 5 Years  | 47.75" x 1.29"         |
| 74175      | L18T8SE465    | 18    | 4FT    | 6500K | 5 Years  | 47.75" x 1.29"         |
| 73946      | L18T8SE435-10 | 18    | 4FT    | 3500K | 10 Years | 47.75" x 1.29"         |
| 73947      | L18T8SE441-10 | 18    | 4FT    | 4100K | 10 Years | 47.75" x 1.29"         |
| 73948      | L18T8SE450-10 | 18    | 4FT    | 5000K | 10 Years | 47.75" x 1.29"         |
| 73944      | L22T8SE441    | 22    | 4FT    | 4100K | 5 Years  | 47.75" x 1.29"         |
| 73945      | L22T8SE450    | 22    | 4FT    | 5000K | 5 Years  | 47.75" x 1.29"         |
| 73953      | L22T8SE541    | 22    | 5FT    | 4100K | 5 Years  | 59.75" x 1.29"         |
| 73954*     | L31T8SE641    | 31    | 6FT    | 4100K | 5 Years  | 71.44" x 1.29"         |

\* Special order only