

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



**WARRANTY:**

This product may qualify for a 10-year warranty. Contact MaxLite Inside Sales for details.

**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)
- THD <20%
- 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")

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	DLC 4.1, UL, NSF, LM79, LM80	
	Material Usage	RoHS compliant; no mercury	
	Environment	Dry & Damp	
	Warranty	5 Years, 10 Year (-G10 models)	

Lighting layouts and spacing criteria available upon request

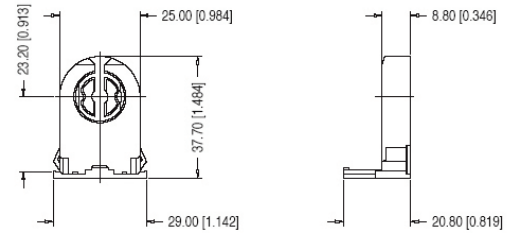
**ORDERING:**

ORDER CODE	MODEL	WATTS	CCT	DIMENSIONS (L" x DIA")
<b>5 YEAR WARRANTY MODELS</b>				
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"
<b>10 YEAR WARRANTY MODELS</b>				
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:**

