

**LED T8 - Linear Replacement Lamp**

**G 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:**

- Universal voltage: 120V-277V applications
- Color Rendering Index (CRI): ≥82
- 50,000 hour life
- THD <20%
- High power factor: ≥.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
- [NSF certified](#)
- Suitable for enclosed fixture
- Five year limited warranty


MODEL SELECTION (Full list of order codes on pg. 3)			Typical order example: L9T8SE240-G		
L	9	T8	SE	2	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	CCT
L= LED Linear	9= 9W	T8= T8 tube	SE= Single-End Power	2= 2 FT	<b>35-G=</b> 3500K, Glass <sup>1</sup> <b>40-G=</b> 4000K, Glass <b>50-G=</b> 5000K, Glass

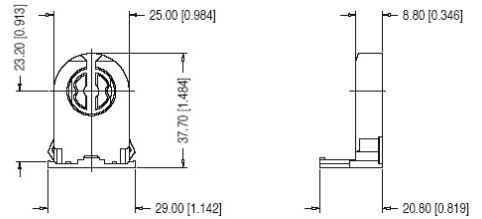
MODEL SELECTION (Full list of order codes on pg. 3)			Typical order example: L12T8SE340-G, L19T8SE540-G or L30T8SE640-G		
L		T8	SE		40-G
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	CCT
L= LED Linear	12= 12W <sup>2</sup>	T8= T8 tube	SE= Single-End Power	3= 3 FT <sup>2</sup>	40-G= 4000K, Glass
	19= 19W <sup>3</sup>			5= 5 FT <sup>3</sup>	
	30= 30W <sup>4</sup>			6= 6 FT <sup>4</sup>	

MODEL SELECTION (Full list of order codes on pg. 3)			Typical order example: L18T8SE440-G		
L		T8	SE	4	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	CCT
L= LED Linear	15= 15W <sup>5</sup>	T8= T8 tube	SE= Single-End Power	4= 4 FT	35-G= 3500K, Glass <sup>56</sup>
	18= 18W <sup>6</sup>				40-G= 4000K, Glass <sup>6</sup>
	15= 15W <sup>7</sup>				50-G= 5000K, Glass <sup>56</sup>
					65-G= 6500K, Glass <sup>7</sup>

**NOTES:**

1. L9T8SE2xx-G is DLC pending, L9T8SE235-G is special order only
2. L12T8SE340-G is special order only, no DLC for 3ft model
3. L19T8SE540-G is special order only, no DLC for 5ft model
4. L30T8SE640-G is special order only, no DLC for 6ft model
5. L15T8SE435-G and L15T8DF450-G are special order only
6. L18T8SE4xx-G are special order only
7. L15T8SE465-G, no DLC for 6500K model

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



**SPECIFICATIONS:**

ITEM	SPECIFICATION	DETAILS					
		2 - FOOT	3 - FOOT	4 - FOOT	5 - FOOT	6 - FOOT	
GENERAL PERFORMANCE	Power Consumption	9W	12W	15W	18W	19W	30W
	Lumens Delivered	1,150	1,450	1,800	2,200	2,500	3,600
	Efficacy	127 lm/w	120 lm/w	120 lm/w	122 lm/w	131 lm/W	120 lm/W
	CRI	≥82					
	Beam Angle	330°					
	Color Temperature (CCT)	3500K, 4000K, 5000K	4000K	3500K, 4000K, 5000K, 6500K (15W only)		4000K	4000K
	Lumen Maintenance (L70)	50,000 hours					
ELECTRICAL	Power Factor	≥ 0.90					
	Input Voltage	120V-277V, 50/60 Hz					
PHYSICAL	Operating Temperature	-4°F to 122°F		-4°F to 113°F	-4°F to 122°F		
	Lens	Opal (Frosted)					
CERTIFICATION	Certification	UL Classified, NSF, LM80	UL Classified, NSF, LM80	DLC (3500K-5000K), UL Classified, NSF, LM79, LM80		UL Classified, NSF, LM80	
	Material Usage	RoHS compliant; no mercury					
	Environment	Dry & Damp					
	Warranty	5 Years					

Lighting layouts and spacing criteria available upon request

**ORDERING:**

ORDER CODE	ITEM NO	INPUT WATTAGE	EQUIVALENT WATTAGE	BEAM ANGLE	DELIVERED LUMENS	EFFICACY (lm/W)	CRI	BASE TYPE	DLC	CCT	M.O.L
<b>2FT MODELS</b>											
101597	L9T8SE235-G <sup>1</sup>	9	17W Fluorescent	330°	1150	127	82	G13	N	3500K	23.75"
101598	L9T8SE240-G <sup>1</sup>	9	17W Fluorescent	330°	1150	127	82	G13	N	4000K	23.75"
101599	L9T8SE250-G <sup>1</sup>	9	17W Fluorescent	330°	1150	127	82	G13	N	5000K	23.75"
<b>3FT MODEL</b>											
101600	L12T8SE340-G <sup>2</sup>	12	25W Fluorescent	330°	1450	120	82	G13	N	4000K	35.75"
<b>4FT MODELS</b>											
76425	L15T8SE435-G <sup>5</sup>	15	32W Fluorescent	330°	1800	120	85	G13	Y	3500K	47.75"
76420	L15T8SE440-G <sup>6</sup>	15	32W Fluorescent	330°	1800	120	85	G13	Y	4000K	47.75"
76421	L15T8SE450-G <sup>5</sup>	15	32W Fluorescent	330°	1800	120	85	G13	Y	5000K	47.75"
99913	L15T8SE465-G <sup>7</sup>	15	32W Fluorescent	330°	1850	123	85	G13	N	6500K	47.75"
76422	L18T8SE435-G <sup>6</sup>	18	32W Fluorescent	330°	2200	122	85	G13	Y	3500K	47.75"
76423	L18T8SE440-G <sup>6</sup>	18	32W Fluorescent	330°	2200	122	85	G13	Y	4000K	47.75"
76424	L18T8SE450-G <sup>6</sup>	18	32W Fluorescent	330°	2200	122	85	G13	Y	5000K	47.75"
<b>5FT MODEL</b>											
101601	L19T8SE540-G <sup>3</sup>	19	40W Fluorescent	330°	2500	131	82	G13	N	4000K	59.60"
<b>6FT MODELS</b>											
101602	L30T8SE640-G <sup>4</sup>	30	70W Fluorescent	330°	3600	120	82	G13	N	4000K	70"

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4. L30T8SE640-G is special order only, no DLC for 6ft model
5. L15T8SE435-G and L15T8DF450-G are special order only
6. L18T8SE4xx-G are special order only
7. L15T8SE465-G, no DLC for 6500K model