

LED T8 - LINEAR REPLACEMENT LAMP

DIMMABLE SERIES

UL TYPE-B



Intertek



PRODUCT DESCRIPTION:

MaxLite Dimmable 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. Tested to NSF Standards, these lamps carry the **ETL Sanitation Mark** and are suitable for use in an environment where food intended for human consumption is produced.

FEATURES:

- Wattage: 14.5W
- Lumens: 1800-1900
- Efficacy (lm/W): ≥ 124
- Voltage: **120V only**
- Frequency: 50/60Hz
- Color Rendering Index (CRI): 83
- Dimmable via TRIAC Dimmers (Forward Phase Control)
- THD: $< 20\%$
- High power factor: ≥ 0.90
- Easy retrofit into most common linear fluorescent fixtures
- Simple ballast bypass - silent operation
- Instant-on with no flickering
- Mercury free and virtually no UV or IR light
- All glass construction with PET coating
- Suitable for enclosed fixture
- L70 Life Hours: 50,000 hours

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: L14.5T8SED440-CG		
L	14.5	T8	SED	4	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	CCT
L= LED Linear	14.5= 14.5W	T8= T8 tube	SED= Single-End Power, Dimmable	4= 4 FT	30-CG= 3000K, Coated Glass 35-CG= 3500K, Coated Glass 40-CG= 4000K, Coated Glass 50-CG= 5000K, Coated Glass

NOTE:

1. 3000K and 4000K models are special order only. Please contact your sales rep for more information.

SPECIFICATIONS:

		L14.5T8SED4xx-CG
ITEM	SPECIFICATION	DETAILS
GENERAL PERFORMANCE	Power Consumption	14.5W
	Lumens Delivered	1,800-1,900
	Efficacy	≥124 lm/w
	CRI	83
	Beam Angle	330°
	Color Temperature (CCT)	3000K, 3500K, 4000K, 5000K
	Lumen Maintenance (L70)	50,000
ELECTRICAL	Power Factor	≥0.90
	Input Voltage	120V ONLY
PHYSICAL	Operating Temperature	-4°F to 113°F
	Lens	Opal (Frosted)
CERTIFICATION	Certification	UL Classified, LM80
	Material Usage	RoHS Compliant, no mercury
	Environment	Dry & Damp
	Warranty	5 Years
QUALIFICATION	DesignLight Consortium	DLC Standard

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	CCT	DIMENSIONS (M.O.L" x D")
4FT MODELS										
1409613	L14.5T8SED430-CG	14.5	32W Fluorescent	330°	1800	124	83	G13	3000K	47.78" x 1.05"
1409614	L14.5T8SED435-CG				1800	124			3500K	
1409615	L14.5T8SED440-CG				1825	125			4000K	
1409616	L14.5T8SED450-CG				1900	131			5000K	

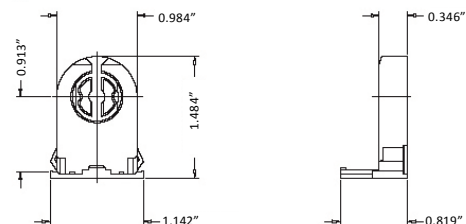
L14.5T8SED430-CG & L14.5T8SED435-CG are special order only. Please contact your sales rep for more information.

COMPATIBLE DIMMERS:

MANUFACTURE	MODEL NUMBER	1 LAMP LOAD	2 LAMPS LOAD	3 LAMPS LOAD	4 LAMPS LOAD	5 LAMPS LOAD	6 LAMPS LOAD
LEVITON	6672	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	6674-10W	BAD	BAD	BAD	BAD	BAD	BAD
	6674-P0W	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	IPF01-1LZ	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	IPI06-1LZ	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	IPM10-1LZ	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	AY-103P	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	AY-103PNL	BAD	BAD	BAD	BAD	BAD	BAD
	AY-10P	BAD	BAD	BAD	BAD	BAD	BAD
LUTRON	AY-600PNL	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	AY-600P	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	AY-603PG	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	AY-603P	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	CT-603P	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	D-603PG	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	DVCL-253P	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	MRF2-600M	BAD	BAD	GOOD	GOOD	GOOD	GOOD
	MSCL-OP153M	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	SCL-153P	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	TG-603PG	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

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:

