

LED T8 - LINEAR REPLACEMENT LAMP

Single-Ended/Double-Ended Power
Coated Glass High Output Series (HO)
UL TYPE-B



FEATURES:

- Wattage:
12W, 2FT, ≥1,450 lumens, replaces 17W fluorescent T8
14W, 3FT, ≥1,800 lumens, replaces 25W fluorescent T8
- Universal Voltage: 120V-277V applications
- Color Rendering Index (CRI): ≥80
- Beam angle: 330°
- THD <20%
- Power factor: ≥ 0.90
- Easy retrofit into most common linear fluorescent fixtures
- Simple ballast bypass, single-ended/ double-ended power
- **Compatible with shunted and non-shunted lamp holders**
- Instant on
- Mercury free and virtually no UV or IR light
- Non dimmable
- Suitable for enclosed fixture
- Suitable for dry and damp locations
- All glass construction with PET coating
- Rated Lifetime @ L70: 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.

PRODUCT DESCRIPTION:

Offering the versatility of single or double ended wiring options in one product SKU, this LED UL Type-B T8 lamp is an easy retrofit into most common linear fluorescent fixtures with shunted or non-shunted lamp holders (see re-lamping examples provided). In addition to flexible installation features that save installers time and money, the Single-Ended/Double-Ended LED T8 lamp consumes up to 50% less energy than standard fluorescent tubes, providing facilities with long-term operational savings.

MODEL SELECTION (Full list of order codes on pg. 2) Typical order example: L12T8DE230-CG

L	12	T8	DE	2	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE
L= LED Linear	12= 12W	T8= T8 tube	DE= Double-Ended Power	2= 2FT	30-CG= 3000K, Coated Glass

L	14	T8	DE	3	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE
L= LED Linear	14= 14W	T8= T8 tube	DE= Double-Ended Power	3= 3FT	30-CG= 3000K, Coated Glass

LED T8 - LINEAR REPLACEMENT LAMP

Single-Ended/Double-Ended Power Coated Glass
High Output Series (HO) UL TYPE-B

SPECIFICATIONS:

		L12T8DE230-CG	L14T8DE330-CG
ITEM	SPECIFICATION	2FT - DETAILS	3FT - DETAILS
GENERAL PERFORMANCE	Power Consumption (W)	12W	14W
	Lumens Delivered (lm)	1450	1800
	Efficacy	≥121 lm/w	≥129 lm/w
	CRI	≥80	
	Beam Angle	330°	
	Color Temperature (CCT)	3000K	
	Lumen Maintenance (L70)	50,000 Hours	
ELECTRICAL	Power Factor	≥ 0.90	
	Input Voltage	120V-277V, 50/60 Hz	
PHYSICAL	Operating Temperature	-4°F to 113°F	
	Lens	Opal (Frosted) - Coated Glass	
CERTIFICATION	Certification	CULus Classified	
	Material Usage	RoHS compliant; no mercury	
	Environment	Dry & Damp, Enclosed Fixtures	
	Warranty	5-year standard warranty	
QUALIFICATION	DesignLight Consortium	N/A	

Lighting layouts and spacing criteria available upon request

ORDERING:

ORDER CODE	MODELS	WATTS	LUMENS (lm)	EFFICACY (lm/W)	CCT	CASE QTY
2FT T8 MODELS						
104306	L12T8DE230-CG	12W	1450	121	3000K	25 pcs
3FT T8 MODELS						
104308	L14T8DE330-CG	14W	1800	129	3000K	25 pcs

RELAMPING EXAMPLE:

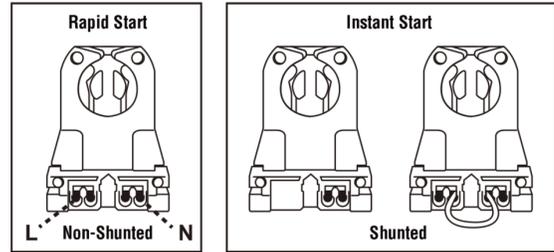
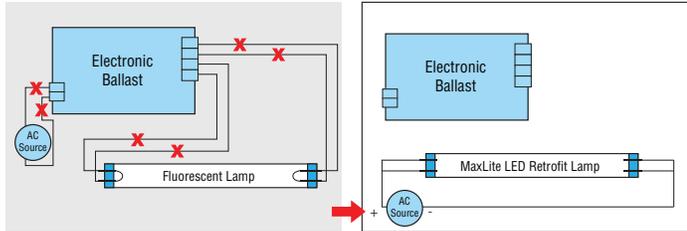


Figure 1 - Non-shunted & Shunted Lamp Holder

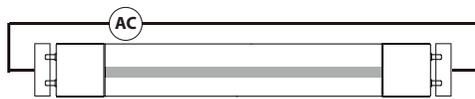


Figure 1 - Double-Ended connection



Figure 2 - Single sided connection

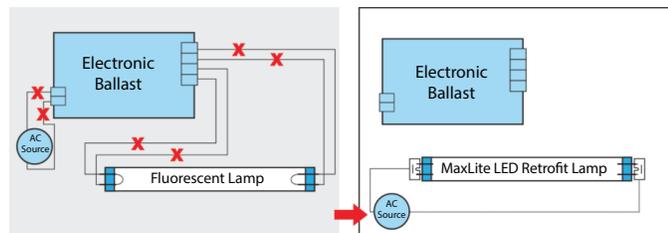


Figure 2 - Retrofit with One Lamp

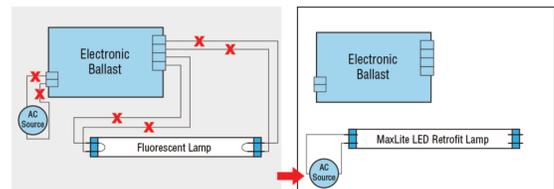


Figure 3 - Retrofit with One Lamp

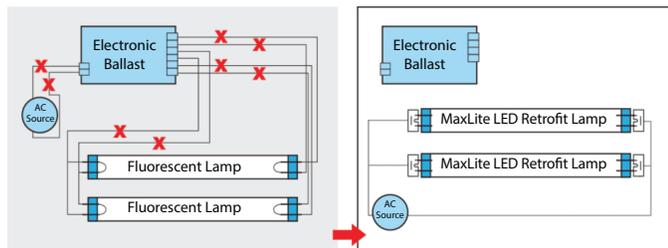


Figure 3 - Retrofit with Two Lamps

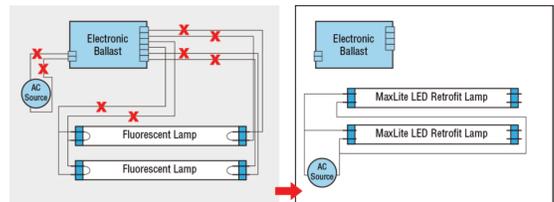


Figure 4 - Retrofit with Two Lamps

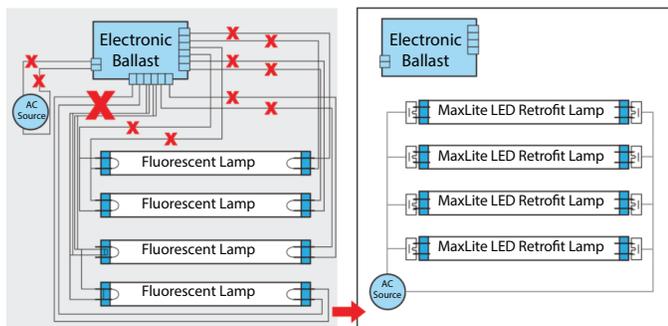


Figure 4 - Retrofit with Three/Four Lamps

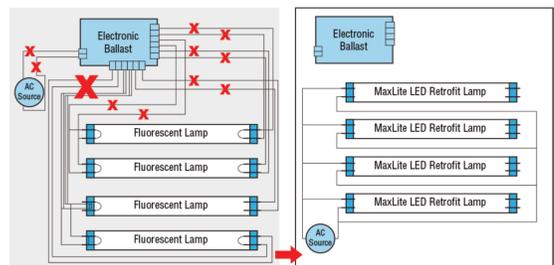


Figure 5 - Retrofit with Three/Four Lamps

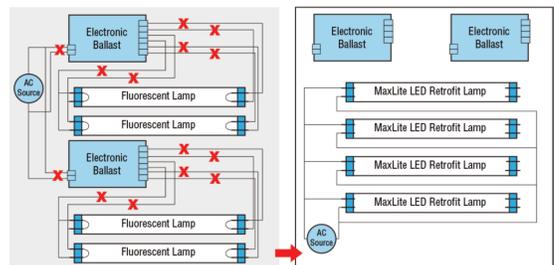


Figure 6 - Retrofit with Three/Four Lamps & Two Ballasts