

## LED T8 - LINEAR REPLACEMENT LAMP

Single-Ended/ Double-Ended Power  
Coated Glass Series  
UL TYPE-B



### 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.

### FEATURES:

- Wattages:  
-17W, 4FT, 2000-2200 lumens, replaces 32W fluorescent T8
- Universal Voltage: 120V-277V applications
- Color Rendering Index (CRI): 82
- Beam angle: 330°, uniform light distribution
- THD <20%
- Power factor: ≥ 0.90
- Easy retrofit into most common linear fluorescent fixtures
- Simple ballast bypass, double-ended wiring schematic
- **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
- ETL Sanitation Listed conforms to ANSI/NSF STD NO.2
- Rated Lifetime @ L70: 50,000 Hours

### APPLICATIONS:

- Offices
- Commercial Buildings
- Hospitals
- Hotels
- Schools
- Recreation Centers

### WARRANTY:

5-year standard warranty (further details available at [www.maxlite.com/warranties](http://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: L17T8DE440-CG				
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE	
L= LED Linear	17= 17W	T8= T8 tube	DE= Double-Ended Power	4= 4FT	<b>35-CG=</b> 3500K, Coated Glass Lens <b>40-CG=</b> 4000K, Coated Glass Lens <b>50-CG=</b> 5000K, Coated Glass Lens	

## SPECIFICATIONS:


SPECIFICATIONS:		L17T8DE4xx-CG
ITEM	SPECIFICATION	4FT - DETAILS
GENERAL PERFORMANCE	Power Consumption (W)	17W
	Lumens Delivered (lm)	2000-2200
	Efficacy	≥121 lm/W
	CRI	82
	Beam Angle	330°
	Color Temperature (CCT)	3500K, 4000K, 5000K
	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
	Dimension (MOL" x W")	47.72" x 1.02"
	Lens	Coated Glass
QUALIFICATION	Qualifications	cULus Classified, ETL Sanitation Listed. FCC
	DesignLight Consortium	DLC Standard
	Material Usage	RoHS compliant; no mercury
	Environment	Dry & Damp, Enclosed Fixtures
	Warranty	5 Years

Lighting layouts and spacing criteria available upon request

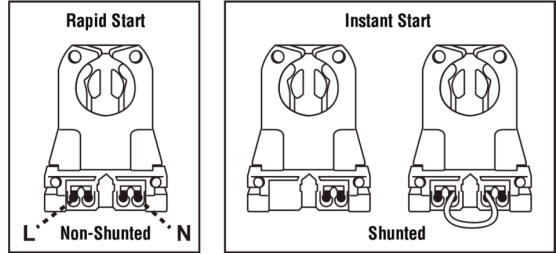
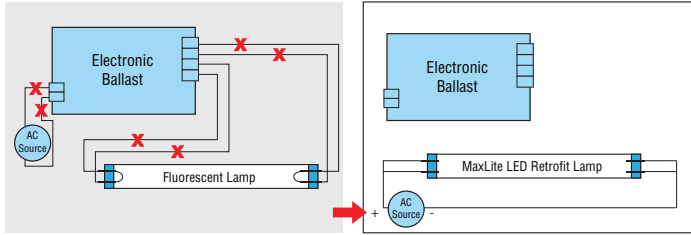
## ORDERING:

ORDER CODE	MODELS	LUMENS (lm)	EFFICACY (lm/W)	COLOR TEMPERATURE (CCT)	CASE QTY
14101756	L17T8DE435-CG	2050	121	3500K	25 pcs
14101757	L17T8DE440-CG	2200	129	4000K	
14101758	L17T8DE450-CG	2200	129	5000K	

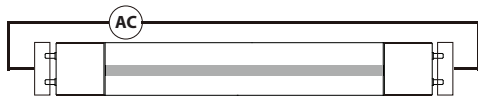
## ACCESSORIES:

ORDER CODE	MODEL NO	DESCRIPTION	PRODUCT IMAGE
103546	T8B-BBU	BATTERY BACK UP FOR TYPE B LINEAR	

**RELAMPING EXAMPLE:**



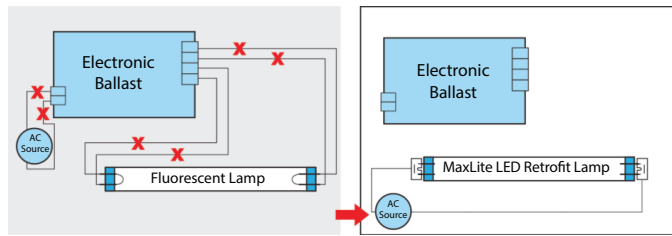
**Figure 1. - Non-shunted & Shunted Lamp Holder**



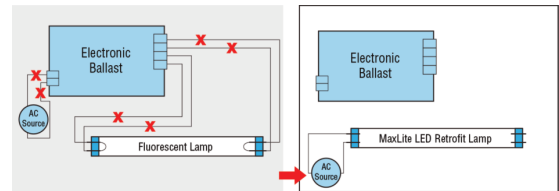
**Figure 1. - Double-Ended connection**



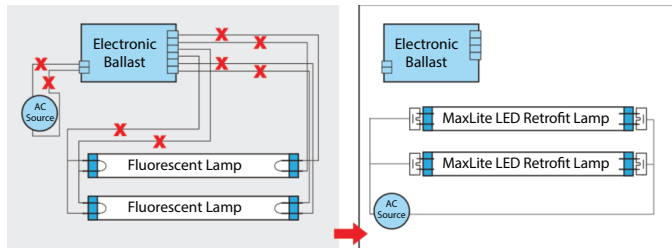
**Figure 2. - Single sided connection**



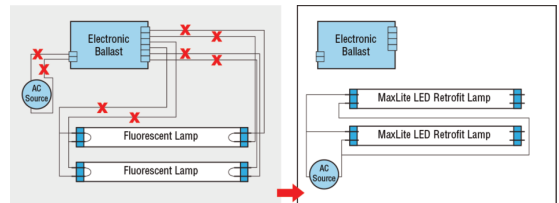
**Figure 2. - Retrofit with One Lamp**



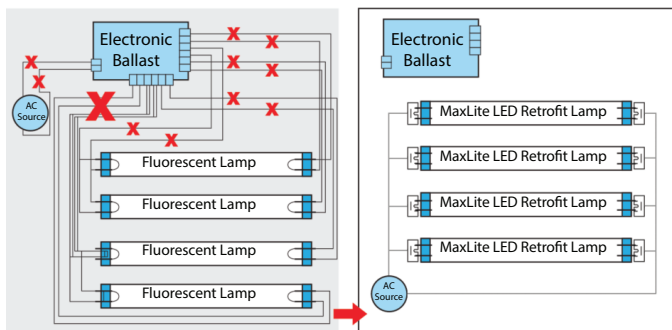
**Figure 3. - Retrofit with One Lamp**



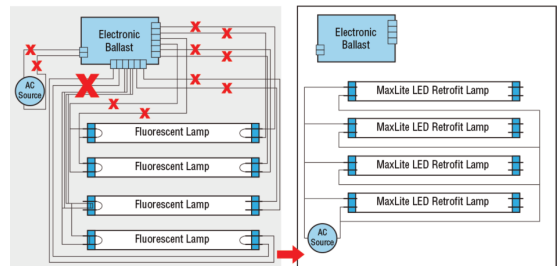
**Figure 3. - Retrofit with Two Lamps**



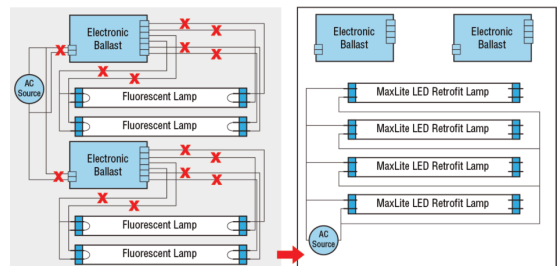
**Figure 4. - Retrofit with Two Lamps**



**Figure 4. - Retrofit with Three/Four Lamps**



**Figure 5. - Retrofit with Three/Four Lamps**



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