

PROJECT NAME: \_\_\_\_\_ CAT. #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_ FIXTURE SCHEDULE: \_\_\_\_\_

## LED T8 Linear Replacement Lamp Single/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. 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:

- Wattage:
  - 11.5W, 4FT, 1,800 lumens, replaces 32W fluorescent T8
  - 15W, 4FT, 2,200 lumens, replaces 32W fluorescent T8
- THD <20%
- Easy retrofit into most common linear fluorescent fixtures
- Simple ballast bypass, single-ended/ double-ended power
- Single Ended Connection can be used with non-shunted lamp holders. Double Ended Connection can be used with shunted lamp holders.
- Instant on
- Mercury free and virtually no UV or IR light
- Non dimmable

### Ordering Information

L	15	T8	DE	4	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE
L= LED Linear	15= 15W	T8= T8 tube	DE= Single or Double Connection	4= 4FT	35-CG= 3500K, Coated Glass 40-CG= 4000K, Coated Glass 50-CG= 5000K, Coated Glass

L	11.5	T8	DE	4	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE
L= LED Linear	11.5= 11.5W	T8= T8 tube	DE= Single or Double Connection	4= 4FT	35-CGT1= 3500K, Coated Glass 40-CGT1= 4000K, Coated Glass 50-CGT1= 5000K, Coated Glass



**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

## LED T8 Linear Replacement Lamp

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

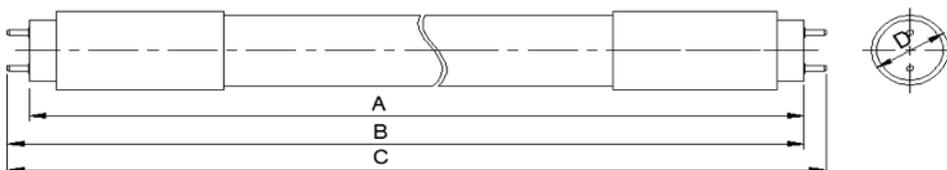
### Specifications

	L11.5T8D4XX-CGT1	L15T8DE4XX-CG
Power Consumption	12W	15W
Lumens Delivered	1800 lm	2200 lm
Efficacy	150 lm/w	147 lm/w
CRI	≥80	
Beam Angle	160° ± 20°	
Color Temperature (K)	3500K, 4000K, 5000K	
L70 Lumen maintenance	50,000 hours	
Power Factor	≥ 0.90	
Input Voltage	120V-277V, 50/60 Hz	
Operating Temperature	-4°F to 113°F	
Lamp Base	G13	
Lens	PET Coated Glass	
Certification	cULus Classified, NSF Listed	
Qualification	DLC Standard	
Material Usage	RoHS compliant; no mercury	
Environment	Damp locations, Enclosed Fixtures	
Warranty	5-year standard warranty	

### Order Code

ORDER CODE	DLC ID	MODELS	WATTS	LUMENS	EFFICACY	CCT	CASE QTY
<b>15W 4FT T8 MODELS</b>							
105552	PL989HNXW0JT	L15T8DE435-CG	15W	2200 lm	147 lm/W	3500K	25pc
105553	PLI0V6AOY7RI	L15T8DE440-CG				4000K	
105554	PL989HNXW0JT	L15T8DE450-CG				5000K	
<b>11.5W 4FT T8 MODELS</b>							
106028	PLOURGTB6WWU	L11.5T8DE435-CGT1	11.5W	1800 lm	150 lm/W	3500K	25pc
106029	PLH71USCVESD	L11.5T8DE440-CGT1				4000K	
106030	PLK3CLBVCCLP	L11.5T8DE450-CGT1				5000K	

### Dimensions



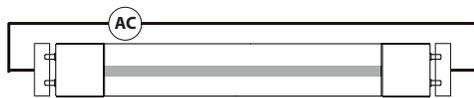
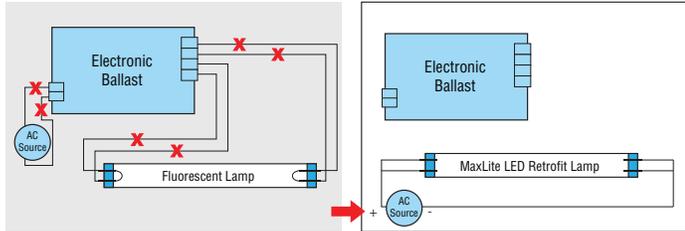
MODEL	A (INCH)	B (INCH)	C (INCH)	D (INCH)
L11.5T8D4xx-CGT1	47.2	47.4	47.8	1.09
L15T8DE4xx-CG	47.2	47.4	47.8	1.09

## LED T8 Linear Replacement Lamp

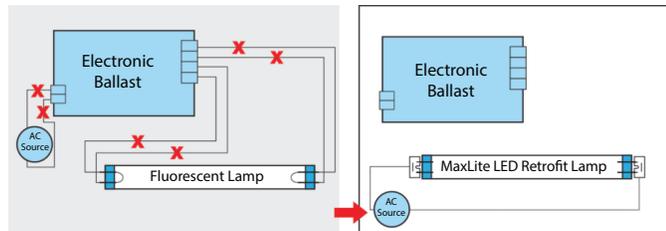
Single/Double Ended Power  
Coated Glass Series UL TYPE-B

### Relamping Example:

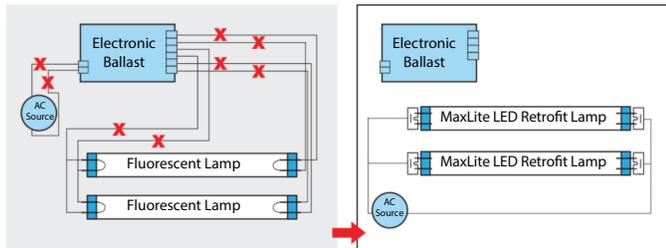
#### Double Ended Connection



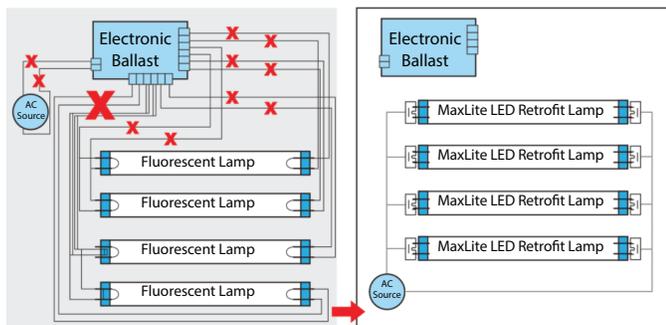
**Figure 1. - Double-Ended connection**



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

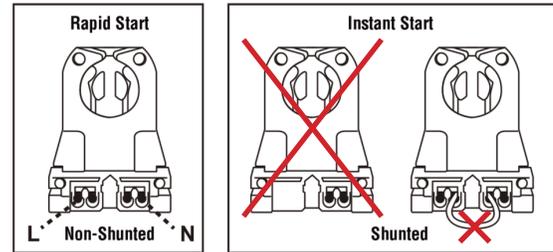


**Figure 3. - Retrofit with Two Lamps**



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

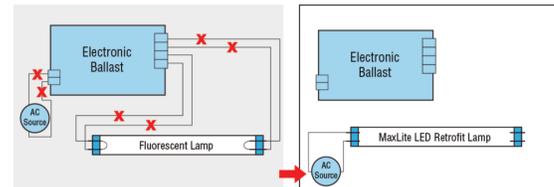
#### Single Ended Connection



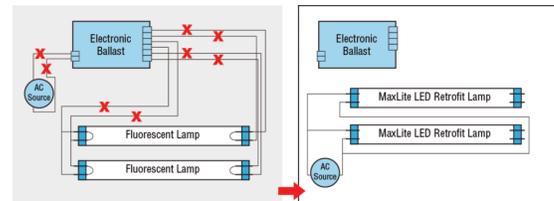
**Figure 1. - Non-shunted & Shunted Lamp Holder**



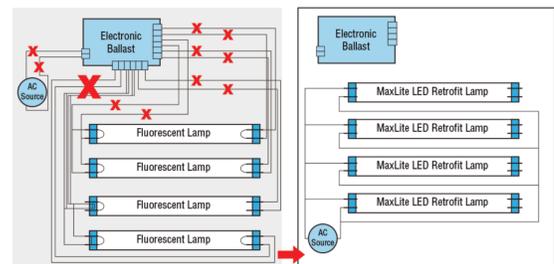
**Figure 2. - Single sided connection**



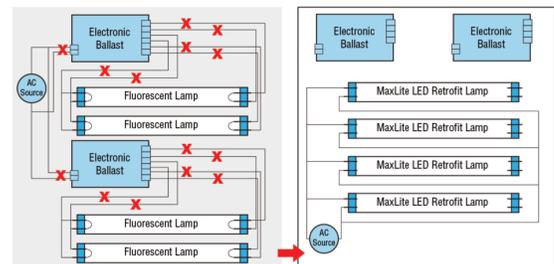
**Figure 3. - Retrofit with One Lamp**



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



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



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