

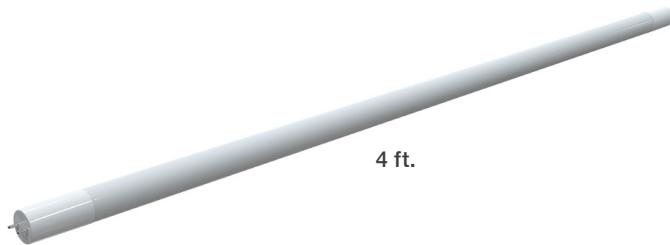
PROJECT NAME: _____ CAT. #: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

4 FT. BYPASS T8 TUBES

Single/Double Ended Power
UL TYPE-B Series

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 SingleEnded/Double-Ended LED T8 lamp consumes up to 50% less energy than standard fluorescent tubes, providing facilities with long-term operational savings



FEATURES:

- Universal Voltage: 120V-277V applications
- Color Rendering Index (CRI): ≥ 80
- 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
- Suitable for damp locations
- All glass construction
- Rated Lifetime @ L70: 50,000 Hours
- Suitable for use with the following Emergency Lighting Model# T8B-BBU-S

Ordering Information

FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE	CONSTRUCTION
L = Linear Tube	12 = 12W	T8 = T8 Tube	SDE = Single/Double-Ended	4 = 4ft	30 = 3000K* 35 = 3500K 40 = 4000K 50 = 5000K	-CG = Inner Coated Glass
	15 = 15W					-CG2 = Inner Coated Glass Gen 2

* 3000K is special order only

Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID	DLC CLASSIFICATION	PRIMARY USE DESIGNATION
111768	L12T8SDE435-CG	S-L4K7BQ	DLC Standard	Internal Driver/Line Voltage (UL Type B) Lamps
111769	L12T8SDE440-CG	S-YHN6GC		
111770	L12T8SDE450-CG	S-VFPXBR		
111772	L15T8SDE435-CG2	S-4P91L3		
111773	L15T8SDE440-CG2	S-5QKDW5		
111774	L15T8SDE450-CG2	S-J92V70		

Accessories (sold separately)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
110343	T8B-BBU-S	Battery Back Up for Type B Linear	



5-year standard warranty (further details available at www.maxlite.com/warranties)

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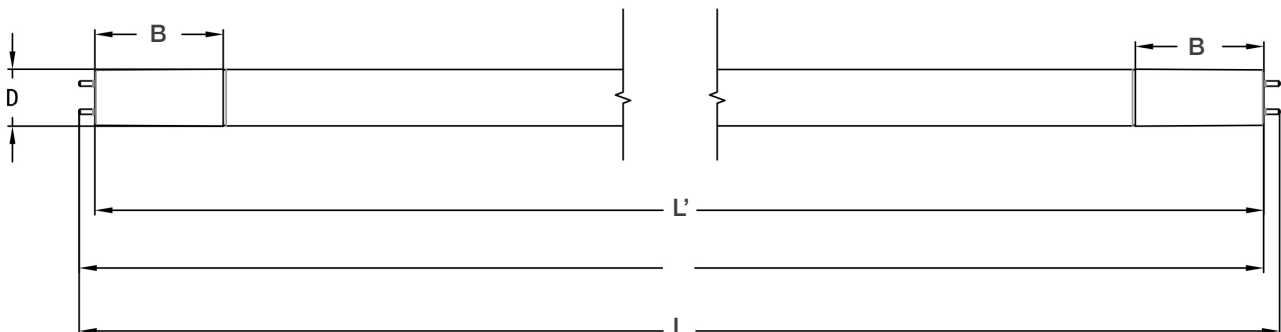
Specifications

	L12T8SDE4xx-CG	L15T8SDE4xx-CG2
Length	4 ft.	
Base	G13	
Nominal Wattage (W)	12W	15W
Lumens Delivered (lm)	1700-1800 lm	2100-2200 lm
Nominal Efficacy (lm/W)	142-150 lm/W	140-147 lm/W
Equivalency	32W Fluorescent	
Color Temperature (K)	3000K*, 3500K, 4000K, 5000K	
CRI	≥ 80	
Calculated L70 Lumen Maintenance	≥ 50,000 hours	
Dimming Technology	0-10V	
Dimming Range	10-100%	
Input Voltage	120-277V AC, 50/60 Hz	
Power Factor	≥ 0.9	
Diffuser	Inner Coated Glass	
Beam Angle	210°	
Surge Protection	2.5 KV	
Operating Temperature	-4°F to 113°F (-20°C to 45°C)	
Certifications	cULus listed, FCC, Rohs Compliant, NSF/ANSI 2 - Food Equipment	
Qualifications	DLC Standard	
Environment	Enclosed, Damp Locations	
Warranty	5 Years warranty. Check maxlite.com/warranties for details	
Case Quantity	25 pcs	

* 3000K is special order only

Product Dimensions

PRODUCT	L	L'	B	D
L12T8SDE4xx-CG	47.7 in	47.2 in	1.97 in	1.01 in
L15T8SDE4xx-CG2				



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Relamping Example: Double Ended Connection

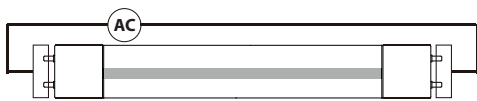
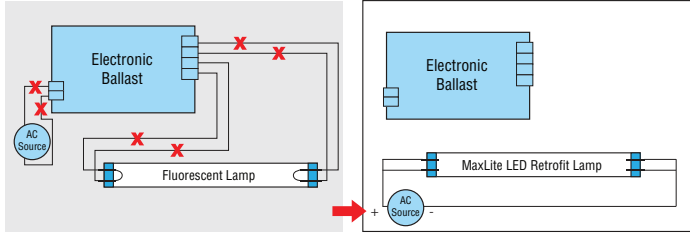


Figure 1. - Double-Ended connection

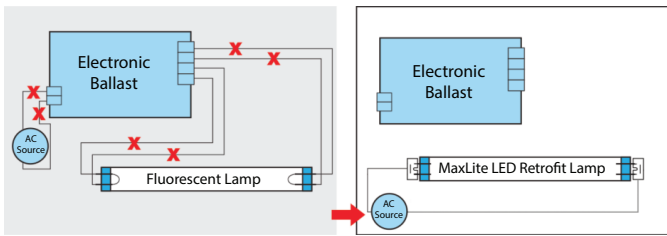


Figure 2. - Retrofit with One Lamp

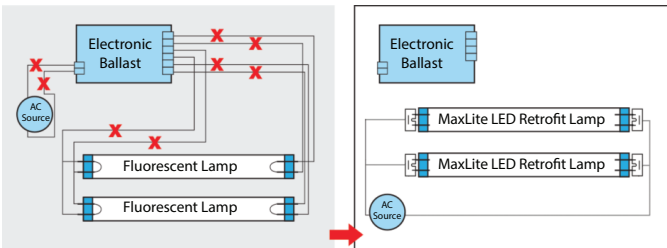


Figure 3. - Retrofit with Two Lamps

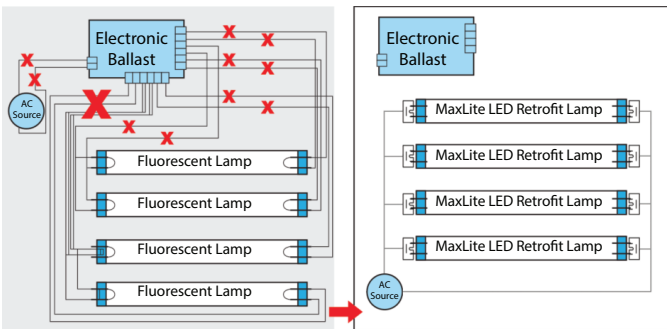


Figure 4. - Retrofit with Three/Four Lamps

Single Ended Connection

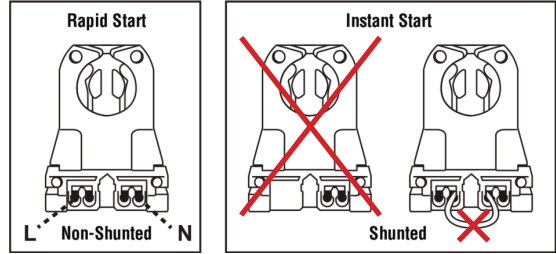


Figure 1. - Non-shunted & Shunted Lamp Holder



Figure 2. - Single sided connection

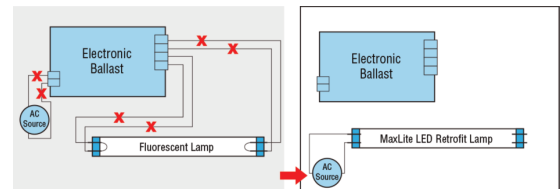


Figure 3. - Retrofit with One Lamp

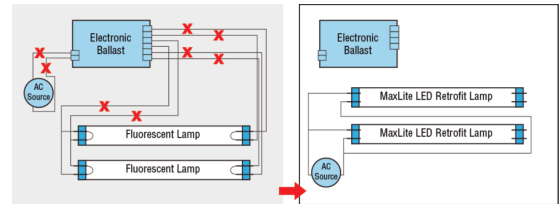


Figure 4. - Retrofit with Two Lamps

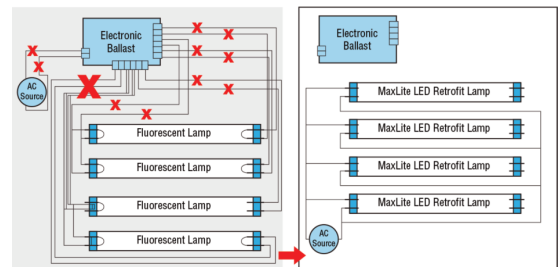


Figure 5. - Retrofit with Three/Four Lamps

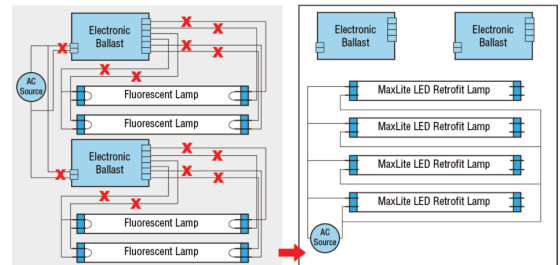


Figure 6. - Retrofit with Three/Four Lamps & Two Ballasts

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FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.