

PROJECT NAME: _____ CAT. #: _____

NOTES: _____ FIXTURE SCHEDULE: _____

LED T8 Linear Replacement Lamp

*Single/Double Ended Power
Nano Plastic 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:

- 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
- Nano plastic construction
- Rated Lifetime @ L70: 50,000 Hours
- Suitable for use with the following Emergency Lighting Model# T8B-BBU

Ordering Information

FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE	LENS
L= LED Linear	10= 10W	T8= Tube	SDE= Single-Ended/ Double-Ended	2= 2ft 3= 3ft 4= 4ft	35= 3500K 40= 4000K 50= 5000K	-NP1= Nano Plastic

Ordering Table

ORDER CODE	MODEL NUMBER	WATTS	LUMENS	EFFICACY	CCT	CASE QTY
109943	L10T8SDE440-NP1	10.5W	1700 LM	162 LM/W	4000K	25 pcs

DLC Information

MODEL NUMBER	PRODUCT ID	PRIMARY USE DESIGNATION	CLASSIFICATION
L10T8SDE440-NP1	S-MQ0EDY	INTERNAL DRIVER/LINE VOLTAGE (UL TYPE B) LAMPS	STANDARD



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.

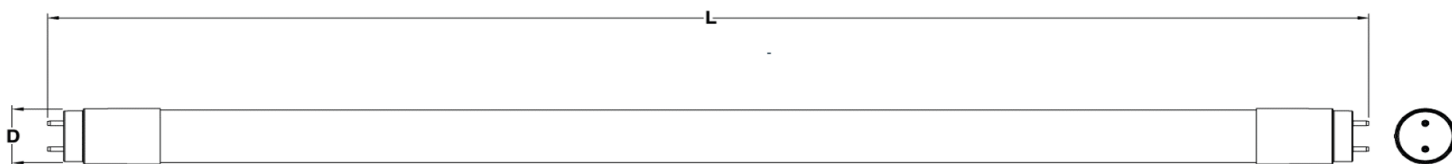
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Specifications

	L10T8SDE4xx-NP1
Power Consumption	10.5W
Lumens Delivered	1600-1700 lm
Efficacy	152-162 lm/W
Distribution	180°
CRI	≥ 80
Color Temperature (K)	3500K, 4000K, 5000K
L70 Lumen Maintenance	50,000 hrs
Dimmability	Dimmable with specified dimmer
Power Factor	≥ 0.9
Input Voltage	120-277V AC, 50/60Hz
Base Type	G13
Lens	Nano Plastic
Operating Temperature	"-4°F to 113°F (-20°C to 45°C). See exceptions listed. Retrofit with 4 tubes in an enclosed fixture: Max Operating Temperature = 86°F/ 30°C (Maximum number of lamps in luminaire: 4. Distance between two lamps: 4.3 inches)"
Surge Protection	700V for single ended. 1000V for double ended
Case Quantity	25pcs
Certifications	UL listed, UL classified, ETL Sanitation, FCC
Qualifications	TBD
Environment	Suitable for damp locations.
Warranty	5 years

Dimensions



Model	L (inch)	D (inch)
L10T8SDE440-NP1	35.8	1.1

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 into 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.

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Relamping Example:

Double Ended Connection

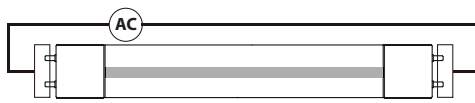
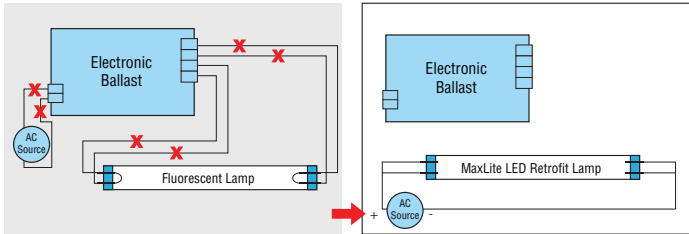


Figure 1. - Double-Ended connection

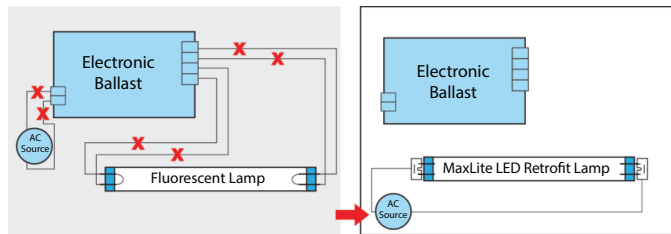


Figure 2. - Retrofit with One Lamp

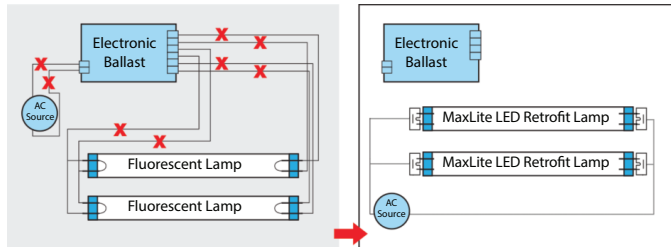


Figure 3. - Retrofit with Two Lamps

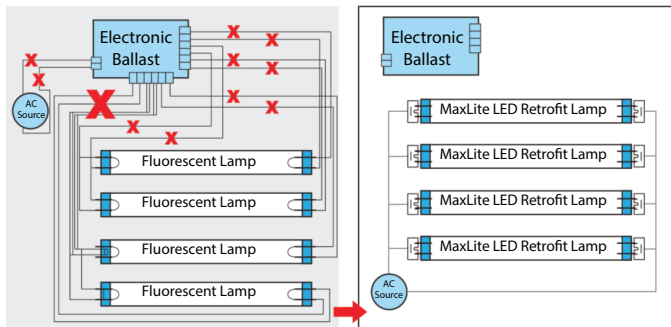


Figure 4. - Retrofit with Three/Four Lamps

Single Ended Connection

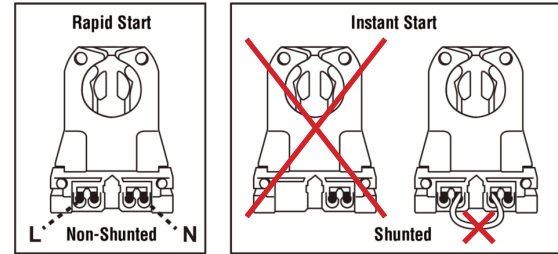


Figure 1. - Non-shunted & Shunted Lamp Holder



Figure 2. - Single sided connection

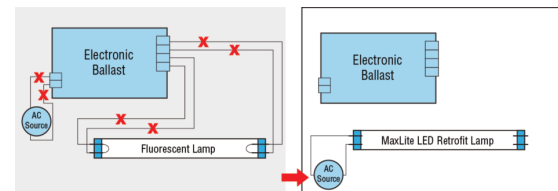


Figure 3. - Retrofit with One Lamp

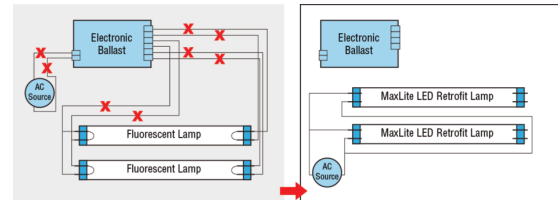


Figure 4. - Retrofit with Two Lamps

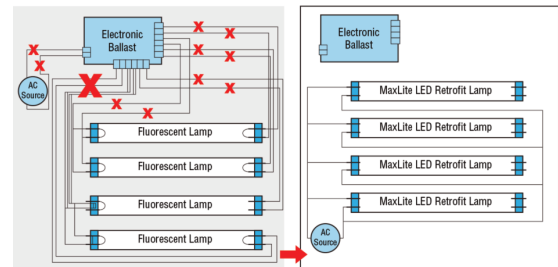


Figure 5. - Retrofit with Three/Four Lamps

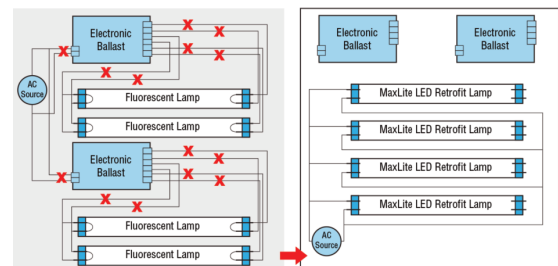


Figure 6. - Retrofit with Three/Four Lamps
& Two Ballasts