

<u>SKU</u>	<u>Description</u>
LED-6115-UL-4-40K-BFR	4' T8 LED 18W 4000K
LED-6115-UL-4-57K-BFR	4' T8 LED 18W 5700K
LED-6123-UL-3-40K-BFR	3' T8 LED 12.7W 4000K
LED-6111-UL-2-40K-BFR	2' T8 LED 10W 4000K

Congratulations! You are about to install energy efficient, mercury-free, and environmentally sustainable lighting from Light Efficient Design. We sincerely appreciate your selection of Light Efficient Design solid-state lighting products, and want to make sure that your installation is safe, easy, and fast.

The kit includes: This instruction sheet, the LED T8 lamp(s), and the fixture modification label.

REQUIREMENTS	
Input Voltage	120-277VAC
120-277VAC	50/60Hz
Base:	G13 T8 B-Pin
Approved Housings:	Troffer
	Fully Enclosed
	Open (indoor)
Min. Housing Size: (Inches)	
Height:	N/A
Diameter:	N/A

IMPORTANT SAFETY INSTRUCTIONS FOR LED RETROFIT CONVERSION:

The Light Efficient Design LED T8 Tubes contain an important safety feature: UL standard "live on only one end" design that provides greater safety when installing. Always be sure to insert the "live" end AFTER you have inserted the other end into the unwired mounting bracket.

-  **WARNING - RISK OF FIRE OR ELECTRICAL SHOCK.** LED retrofit kit installation requires knowledge of the existing luminaire's electrical design. Verify Power is off before working on the fixture by using a proper volt-meter or tester.
-  **WARNING - UL Listed LED tubes cannot be installed in shunted sockets.** Be sure that the fixture you are installing the tubes in has non-shunted G13 Bi-Pin sockets. Failure to use not shunted sockets can damage the tubes and void the warranty.
-  **WARNING - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.**
-  **WARNING - To prevent wiring damage or abrasion, do not expose wiring to sharp edges of housing or other sharp surface.**
-  **WARNING - Suitable for DAMP LOCATIONS. Not for use with ballast. SUITABLE FOR USE IN ENCLOSED LUMINAIRES.**

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

Installation Requirements:

1. These lamps should be installed by an professional electrician.
2. All ballasts and starters must be bypassed and/or removed before the tube is installed in the fixture.
3. Only use in Type IC Listed Fluorescent Fixtures
4. Up to 6 T8 lamps can be installed together in one luminaire (G13), and they are designed to operate in a totally enclosed environment without a dimmer.
5. Do not install in a raceway or a luminaire marked for through branch wiring.
6. Use only in Dry locations only (no direct exposure to water)



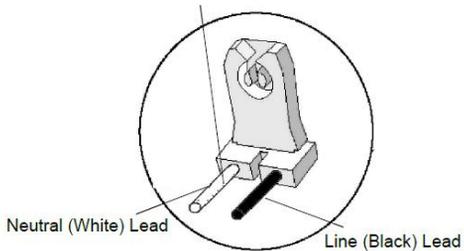


Figure 1A

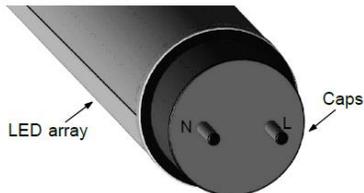


Figure 1B

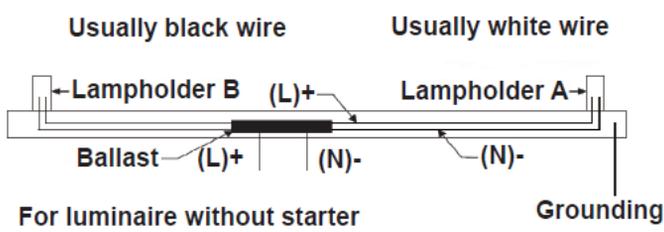


Figure 2A

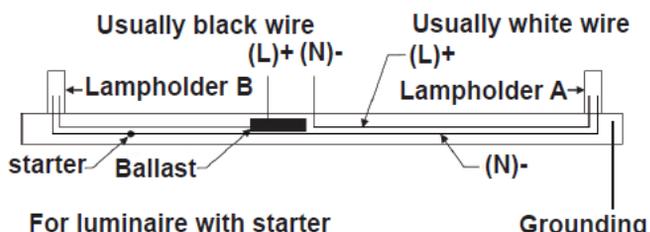
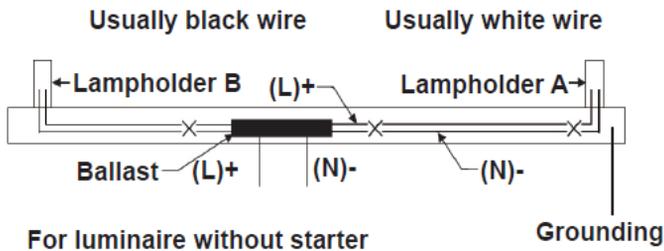


Figure 2B



x - Cut the wire at these points

Figure 3

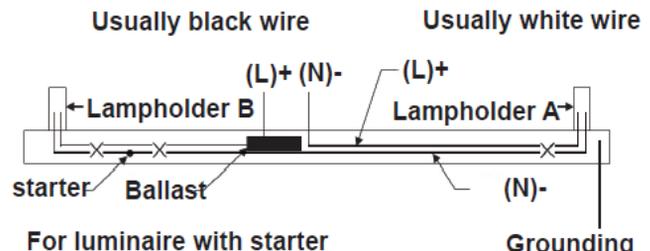
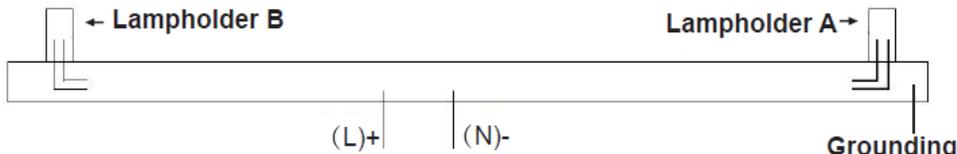


Figure 4



• Splice

