

LUNERA T8 U-BENT LED (UL TYPE B) Installation Guide

Line Driven (Ballast Bypassed)



Product Description:

Line Driven U-Bent LED Lamp:

Product SKU	Lamp Lumens	Average Power	Length Between U-Bent Endcaps	Base Type
HN-T8US-L-22-15W-8YY-G1	1,700lm	15W	2"	2G13
HN-T8US-L-22-18W-8YY-G1	2,100lm	18W	2"	2G13
HN-T8UL-L-22-15W-8YY-G1	1,800lm	15W	6"	2G13
HN-T8UL-L-22-18W-8YY-G1	2,200lm	18W	6"	2G13

The LUNERA T8 U-Bent LED is a Line Driven LED replacement for a 32W Bi-Pin (2G13) U-Bent fluorescent lamp. Its built-in universal driver allows operations at 120VAC~277VAC.

This lamp supports non-shunted tombstones only. Shunted tombstones must be replaced with non-shunted tombstones when installing this lamp.

This lamp is NOT rated for use with electronic T8 fluorescent ballasts.

Installation Instruction - Ballast Bypass (Type B)

1. Turn power off to the fixture.
2. Remove existing U-Bent fluorescent lamp from the fixture.
3. Remove the T8 fluorescent ballast from the fixture.
4. (Only if fixture contains shunted tombstones) Change shunted tombstones to non-shunted tombstones. (See Diagram 1)
5. Find the end cap with L and N marking.
6. Connect hot wire only to the pin with L marking and neutral wire to N marking. (See Diagram 2)
7. Install the Lunera T8 U-Bent LED. Make sure that L marking latched to the side of tombstone is connected to hot (120V/277V wire. (See Diagram 2)
8. Apply re-lamping label on a visible location inside the fixture.
9. Turn power on.

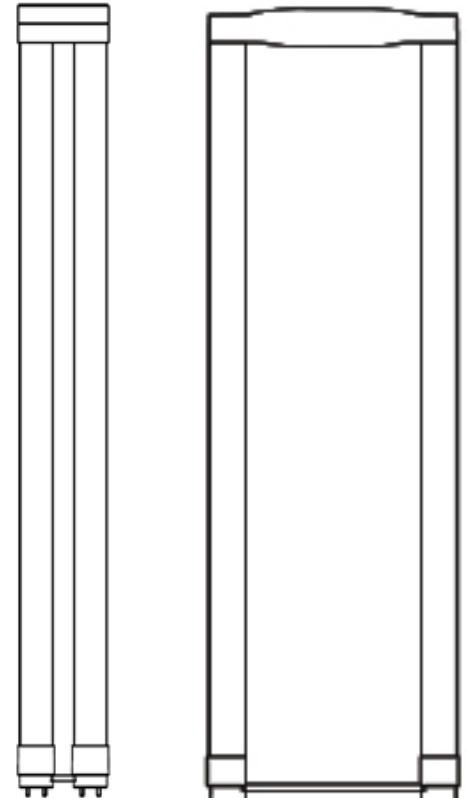
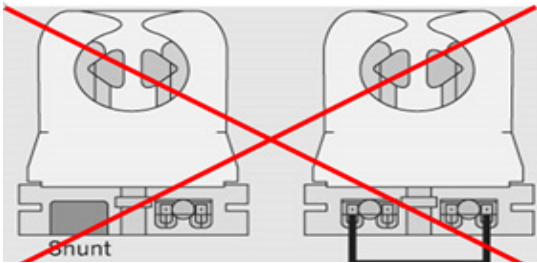


Diagram 1:

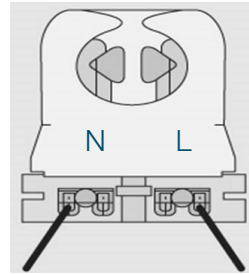
Shunted Tombstone - Not Compatible



The lamp is not compatible with Shunted tombstones.

Instant Start electronic ballasts require shunted tombstones; if the existing fixture contains an instant start ballast, change shunted tombstones to non-shunted.

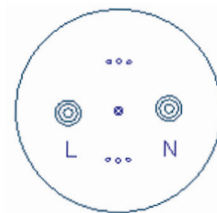
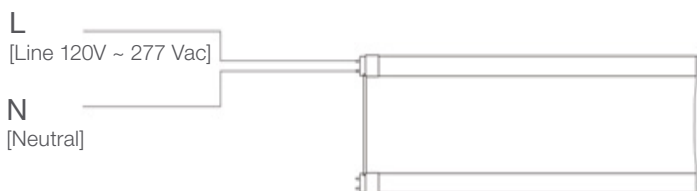
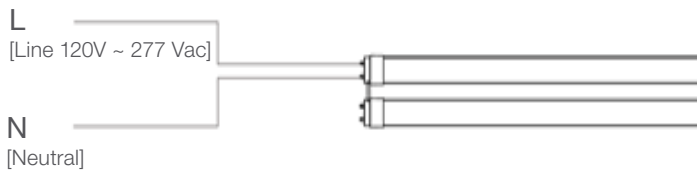
Non-Shunted Tombstone - Compatible



On the end cap, the pin with 'L' marking must be latched into the side of tombstone connected to the hot wire. 'N' marked pin must be latched into the side of tombstone connected to neutral wire.

Majority of Rapid Start and Programmed Start ballasts use non-shunted tombstones.

Diagram 2:



On the end cap, the pin with 'L' marking must be latched into the side of tombstone connected to hot wire. 'N' marked pin must be latched into the side of tombstone connected to the neutral wire.

THIS LAMP DOES NOT SUPPORT SHUNTED TOMBSTONES. REMOVE SHUNTED TOMBSTONES AND REPLACE WITH NON-SHUNTED TOMBSTONES.

General Safety Information

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

DANGER - RISK OF SHOCK - TURN POWER OFF BEFORE INSTALLATION

WARNING - IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC) IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT MANUFACTURER.

CETTE LAMPE OPERE SEULEMENT AVEC LE BALLAST ELECTRONIQUE. SI LA LAMPE NE S'ALLUME PAS QUAND L'APPAREIL D'ECLAIRAGE ACTIVE, ENLEVEZ LA LAMPE DE L'APPAREIL D'ECLAIRAGE ET CONTACTEZ LE FABRICANT DE LAMPE OU UN ELECTRICIEN QUALIFE.

CAUTION - RISK OF FIRE - INSTALLATION OF THIS RETROFIT KIT REQUIRES KNOWLEDGE OF ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION, AND CONTACT A QUALIFIED ELECTRICIAN.

DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

TO PREVENT DAMAGE TO WIRING , DO NOT EXPOSE WIRES TO THE EDGE OF SHEET METAL OR OTHER SHARP OBJECTS.

DO NOT INSTALL THIS LAMP IN A PRE-HEAT LUMINAIRE.

CAUTION - DO NOT INSTALL THIS LAMP INTO SHUNTED TOMBSTONES. REMOVE SHUNTED TOMBSTONES AND REPLACE WITH NON-SHUNTED TOMBSTONES.

THIS LAMP IS NOT RATED FOR USE WITH LED DRIVERS OR BALLASTS.

DO NOT INSTALL THIS LAMP INTO LINE VOLTAGE ABOVE 277V.

Warranty will be voided if lamp installed into cracked, broken, dirty, or rusty tombstones.

LAMP INSTALLATION INTO APPLICATIONS WITH IMPROPER WIRING VOIDS THE WARRANTY.