

LUNERA T8 LED 8FT

LED Replacement for 8FT T8(T12) Fluorescent Lamps (Fa8 Connector)

Type B - Double-Ended, Ballast Bypassed

Installation Description

The **LUNERA T8 LED 8FT** is a 43W/34W/25W line driven (Type B, double-ended, ballast bypassed) linear T-LED replacement for an 8FT T8 or T12 lamp up to 75W fitted with a single-pin connector (Fa8). Its built-in universal driver allows lamp operation at 120V ~ 277V AC.

This lamp is NOT rated for use with electronic T8 fluorescent ballasts or with a LED driver.

Product SKU on the lamp must match one of the following SKUs:

Product SKU*	Luminous Flux	Lamp Power	Base Type
HN-T8S-L-96-43W-XXX-G1	5,500lm	43W	Fa8
HN-T8S-L-96-34W-XXX-G1	4,400lm	34W	Fa8
HN-T8S-L-96-25W-XXX-G1	3,500lm	25W	Fa8

*"XXX" may be: 830 (3000K), 835 (3500K), 840 (4000K), or 850 (5000K)



Single-pin
(Fa8)

Installation Instruction - Type B, Ballast Bypassed, Double-Ended

1. Turn power off to the fixture.
2. Remove existing T8/T12 fluorescent lamps from the fixture.
3. Follow the instructions (next page) to bypass the ballast.
Replace tombstones if broken, cracked, dirty, or rusted.
4. Find the end cap with "L" and "N" marking. Connect Hot wire to the end cap with "L" marking and Neutral to endcap with "N" marking.
5. Install the Lunera T8 LED 8FT.
Make sure the lamp latches into the lamp holders properly.
6. Apply relamping label on a visible location inside the fixture.
7. Turn power ON at the breaker box or wallswitch and turn on the lights.

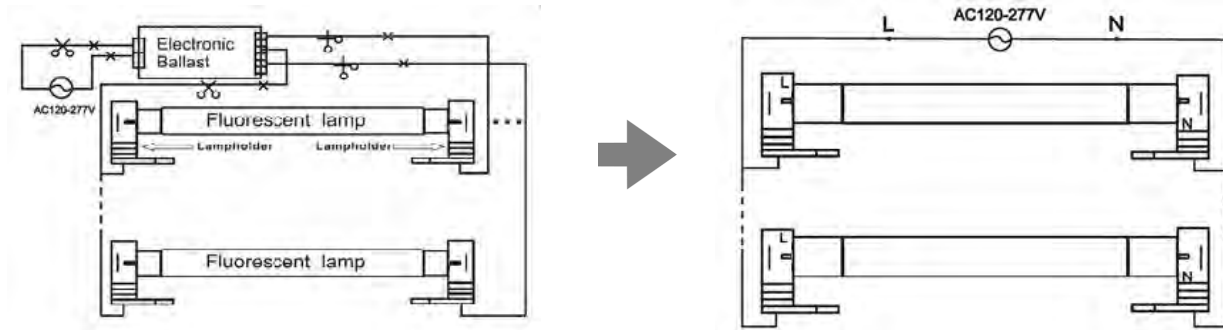


Socket Type
Single-Pin (Fa8)
(Double-Ended Installation)



Wiring Diagram

Double-ended lamp installation into (single-pin) lamp holders:



This lamp does NOT support 347V/480V. Installation into line voltage above 277VAC requires installation of step down transformer.

For multiple-lamp fixtures, each lamp must be wired into AC line voltage in parallel. Do NOT wire lamps in-series. If lamp exhibits flickering, strobing or does not light, contact Lunera.

GENERAL SAFETY INFORMATION

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- DANGER -** RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION
- WARNING -** RISK OF FIRE OR ELECTRIC SHOCK, LED RETROFIT LAMP INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRE ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.
- WARNING -** RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS LAMP ONLY IN LUMINAIRES THAT HAVE THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWINGS AND WHERE THE INPUT RATING OF THE LAMP DOES NOT EXCEED THE INPUT RATING OF THE LUMINAIRE.
- WARNING -** TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.
- CAUTION -** IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.) IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT MANUFACTURER.
- CAUTION -** RISK OF FIRE - DO NOT INSTALL THIS LAMP IN A PRE-HEAT LUMINAIRE.
Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
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Minimum lamp compartment dimensions: Length x Width x Height
244cm x 27cm x 7cm
96" x 10.6" x 2.76"

The LUNERA T8 LED 8FT is intended to retrofit 1- or 2-lamp linear luminaires including:

- Surface mount fluorescent luminaires with a diffuser
 - Type IC or Non-IC listed recessed mount fluorescent luminaires
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Installer should not disconnect existing wires from lamp holder terminals cut existing lamp holder wires close to ballast and connect line voltage to existing wires using appropriate connectors. If lamp holders need to be replaced, installers should cut existing lamp holder and make new electrical connections to lamp holder lead wires by employing applicable connectors.

Product warranty will be voided if:

- Lamp installed into line voltage above 277V.
- Lamp installed with external LED driver or fluorescent T8 ballast.
- Lamp installed into cracked, broken, rusted, or dirty tombstones.
- Improper wiring to the tombstones resulting in lamp failure.
- Lamp installed with dimmers.
- Lamp installation while power is "ON" to the fixture.