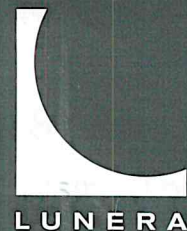


LUNERA T8 LED 8FT

Installation Guide



Product Description:

43W Line Driven T8 LED Lamp HN-T8S-L-96-43W-XXX-G1 (For Fa8)

The LUNERA T8 LED is a replacement for 54W/59W/60W/75W Single Pin 8FT T8 or T12 fluorescent lamp.

Its universal driver allows lamp operation at 120VAC~277VAC.

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

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

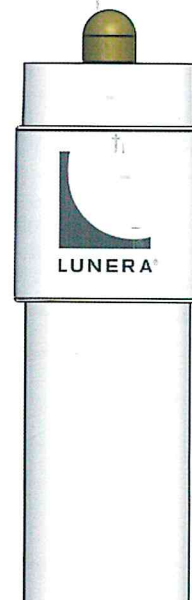
This lamp can be installed into shunted or non-shunted Fa8 tombstones.
For this lamp, change of tombstones NOT required to comply with UL safety standards.

Do NOT install this lamp with dimmers.

Do NOT connect this lamp with fluorescent ballast or external LED driver.

Installation Instruction - Ballast Bypass (Type B)

1. Make sure the power is off.
2. Remove existing T8/T12 fluorescent lamps from the fixture.
3. Follow the instruction (next page) to bypass the ballast.
Replace tombstones if broken, cracked, dirty, or rusty.
4. Find the end cap with "L" and "N" marking. Connect Hot wire to the end cap with "L" marking and Neutral to end cap with "N" marking.
6. Install the Lunera T8 LED.
Make sure the lamp latches into the tombstones properly.
7. Apply relamping label on a visible location inside the fixture.
8. Power on.

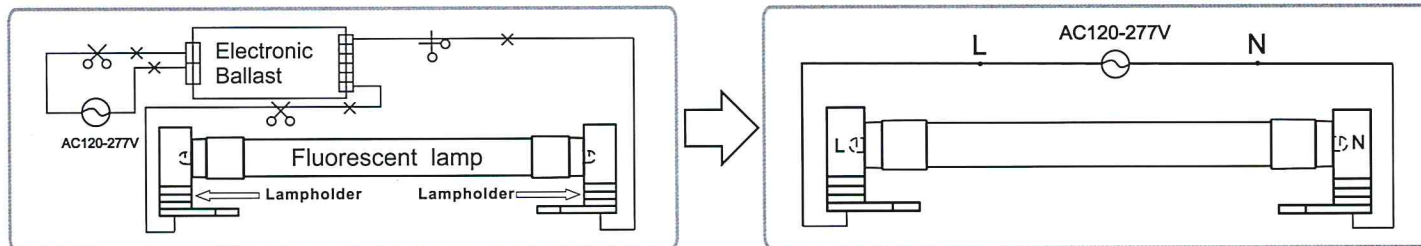


LUNERA T8 LED 8FT - LINE DRIVEN

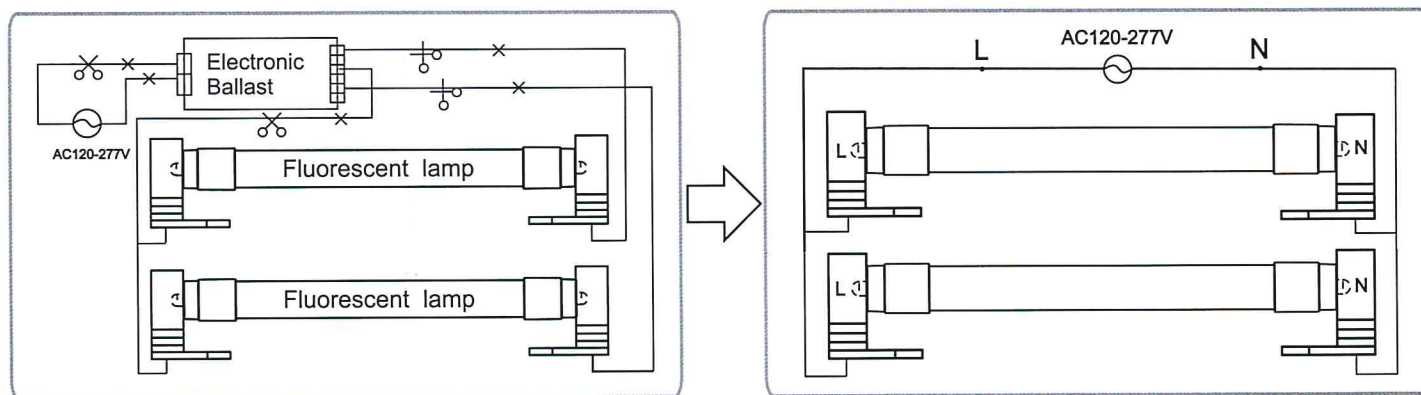
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Wiring Diagram:

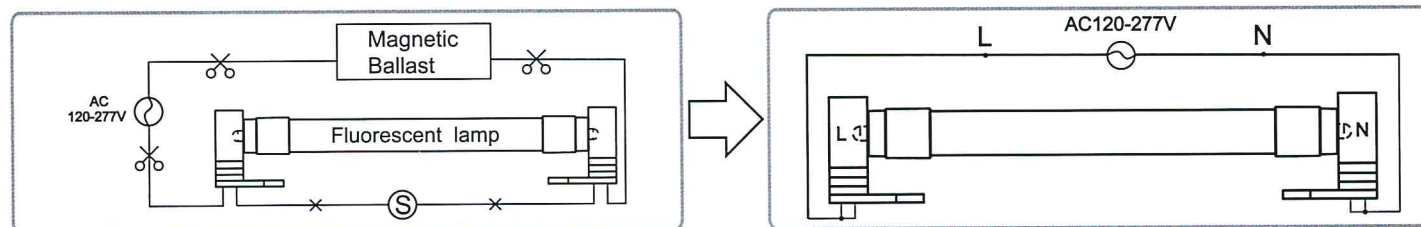
Lamp installation into shunted tombstones:



Lamp installation into non-shunted tombstones:



Lamp installation into non-shunted tombstones:



The units covered by this report were intended to retrofit surface mount, Type IC or non-IC recessed mount listed fluorescent luminaires that use maximum two lamps, the minimum lamp compartment dimensions are as below:

Model	MINIMUM LAMP COMPARTMENT DIMENSIONS [Length x Width x Height] (cm)
HN-T8S-L-96-43W-8YY-G1	244 x 27 x 7

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For Technical Support:

<http://www.lunera.com/freshdesk.com/support/home>

www.lunera.com

T (408) 495-5600



LUNERA T8 LED 8FT - LINE DRIVEN

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General Safety Information

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. LED RETROFIT KIT INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRES ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.

RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE. INSTALLATION DU KIT DE RETROFIT LED EXIGE UNE CONNAISSANCE DES SYSTÈMES ÉLECTRIQUES LUMINAIRES. SI VOUS N'ÊTES PAS QUALIFIÉ, NE TENTEZ PAS DE L'INSTALLATION. CONTACTEZ UN ÉLECTRICIEN QUALIFIÉ.

WARNING - RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN THE LUMINAIRES THAT HAVE THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWINGS AND WHERE THE INPUT RATING OF THE RETROFIT KIT DOES NOT EXCEED THE INPUT RATING OF THE LUMINAIRE.

RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE. INSTALLEZ CE KIT DANS LES LUMINAIRES QUI ONT LES CARACTÉRISTIQUES DE CONSTRUCTION ET LES DIMENSIONS INDICUÉES DANS LES PHOTOGRAPHIES ET / OU DESSINS ET OÙ LA COTE D'ENTRÉE DU KIT DE MODIFICATION NE DÉPASSE PAS LA CAPACITÉ D'ENTRÉE DU LUMINAIRE.

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 EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.

POUR ÉVITER D'ENDOMMAGER LE CÂBLAGE OU À L'ABRASION, NE PAS EXPOSER LE CÂBLAGE AUX BORDS DE TÔLE OU D'AUTRES OBJETS POINTUS.

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.

Installer should not disconnect existing wires from lamp holder terminals to make new connections at lamp holder terminals. Instead, installers should cut existing lamp holder and make new electrical connections to lamp holder lead wires by employing applicable connectors. Lamp installation into fully enclosed fixtures reduces the product warranty to 4 years.

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, rusty, or dirty tombstones.
- Improper wiring to the tombstones results in lamp failure.
- Lamp installed with dimmers.
- Lamp installation while power is "ON" to the fixture.
- Lamp installation into fully enclosed fixtures.

For Technical Support:

<https://lunera.com/freshdesk.com/support/home>

www.lunera.com

T (408) 495-5600

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