

LUNERA T8 LED 3FT UTT

General Safety Information

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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.

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 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.

Risque d'incendie ou de choc électrique. Installez ce kit dans les luminaires qui ont les caractéristiques de construction et les dimensions indiquées 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.

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

SI LA LAMPE OU LE LUMINAIRE MONTRE DES SIGNES D'OPERATION INDESIRABLE (BRUIT, VIBRATION, CLIGNOTEMENT, ETC.), ALORS COUPER IMMÉDIATEMENT LE COURANT ET ENLÈVER LA LAMPE DE L'APPAREIL D'ÉCLAIRAGE ENTRER EN CONTACT AVEC LE FABRICANT.

CAUTION - RISK OF FIRE - DO NOT INSTALL THIS LAMP IN A PRE-HEAT LUMINAIRE.

RISQUES D'INCENDIE-N'INSTALLEZ PAS CETTE LAMPE DANS UN APPAREIL D'ÉCLAIRAGE DE PRÉCHAUFFAGE.

CAUTION - THIS RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY UL OR AUTHORITIES HAVING JURISDICTION.

LE MONTAGE DU RETROFIT EST ACCEPTÉE COMME COMPOSANT D'UN LUMINAIRE OÙ LA PERTINENCE DE LA COMBINAISON SERA DÉTERMINÉE PAR L'UL OU LES AUTORITÉS AYANT LA JURIDICTION CORRESPONDANTE.

THERE ARE LED TUBE, OPERATION INSTRUCTION AND FIELD APPLIED LABEL IN THIS RETROFIT KIT.

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.

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

www.lunera.com

T (650) 241-3875

LUNERA
Installation
Line-Driven

Product Description

12W Line-drive

Minimum lamp

The LUNERA T8

Its built-in univer-

This lamp can be

For this lamp, clip

Do NOT install

Do NOT connect

Turn Power OFF

Installation Instructions

1. Turn power off

2. Remove existing

3. Follow the instructions

Replace tombstone

4. Find the end of

"L" marking at

[Pins with no

5. Install the Luminaire

Make sure the

6. Apply relamping

7. Turn power on

The units covered

for these models

use maximum

tabulated below

Model Number
HN-T8-L-24-XX'
HN-T8-L-36-XX'
HN-T8-L-48-XX'

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<https://lunera.com>

Description:

Universal T8 LED Lamp HN-T8-L-36-12W-XXX-G1-UT

Universal lamp compartment dimensions: 36(L) X 1.625 (W) inch for 12W.

Universal LED is a replacement for 30W/25W/21W Bi-Pin 3FT T8 fluorescent lamp.

Universal driver allows lamp operation at 120VAC~277VAC.

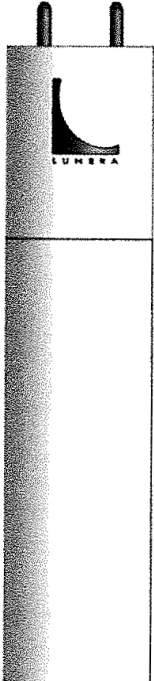
Can be installed into shunted or non-shunted tombstones.

No change of tombstones NOT required to comply with UL safety standards.

Can be used with this lamp with dimmers.

Do not mix this lamp with fluorescent ballast or external LED driver.

Check prior to lamp installation.



Installation - Ballast Bypass (Type B)

Turn power off to the fixture.

Remove existing T8 fluorescent lamps from the fixture.

Follow instruction (next page) to bypass the ballast.

Replace tombstones if broken, cracked, dirty, or rusty.

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.

Make sure "L" and "N" marking are not connected to internal circuit]

Insert LUNERA T8 LED UTT.

Make sure the lamp latches into the tombstones properly.

Place a label on a visible location inside the fixture.

Turn power on at the breaker box and turn on the lights.

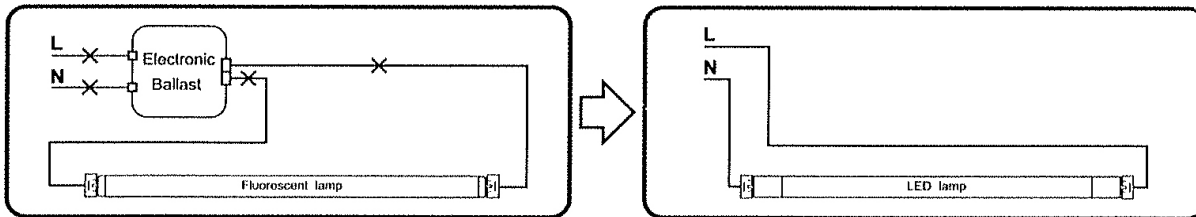
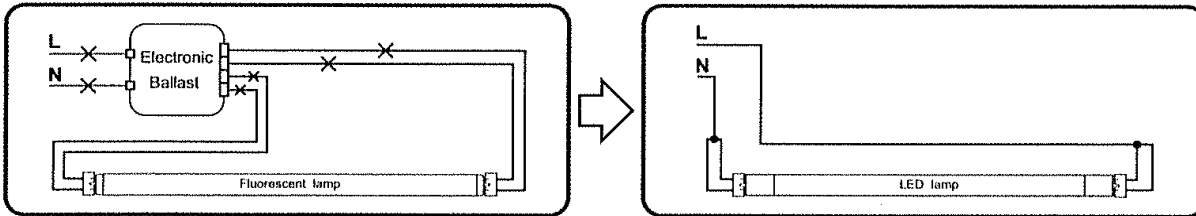
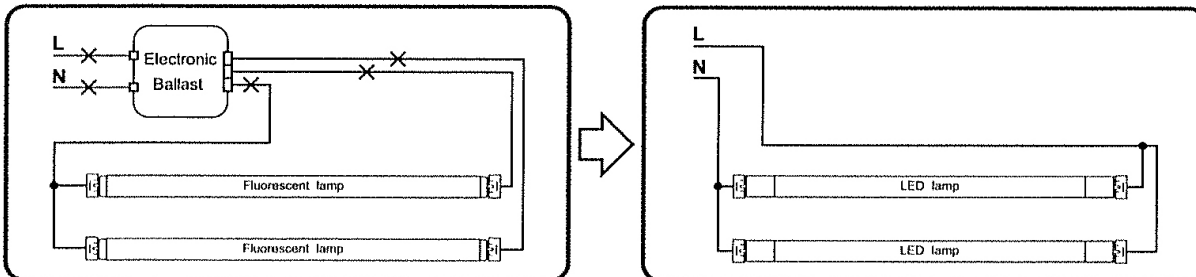
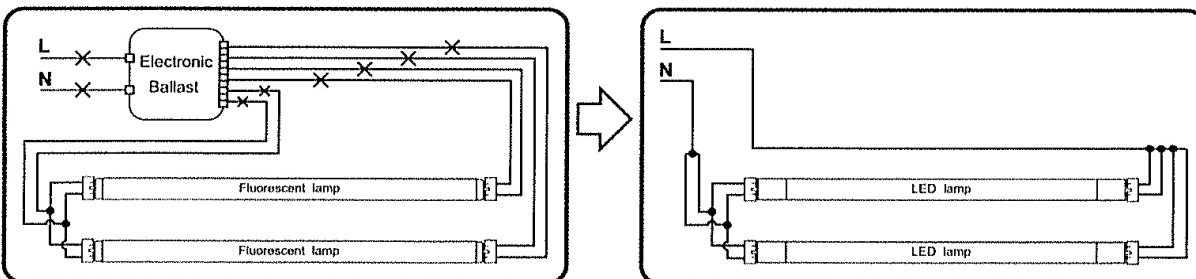
The lamps recommended by this report were intended to retrofit surface mount with diffuser covers, Type IC or non-IC recessed mount listed fluorescent luminaires that house four tubular lamps, the minimum lamp compartment dimensions are as follows:

Number	MINIMUM LAMP COMPARTMENT DIMENSIONS [Length x Width x Height] [mm]	Lamp Quantity
W-8YY-G1-UT	654.4x76.2x50.7	4
W-8YY-G1-UT	959.1x76.2x50.7	4
W-8YY-G1-UT	1262.8x76.2x50.7	4

Wiring Diagram:

⚠ The below ballast wiring represents typical configuration.

The actual ballast wiring varies according to ballast model. It is not needed to change socket (if in good condition) to operate double ended lamps, regardless the type of sockets. Please make sure one side of fixture is connected to Live (L) and the other side to Neutral (N).

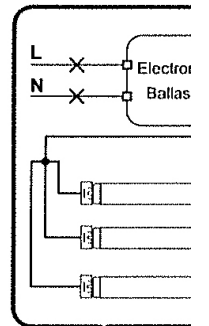
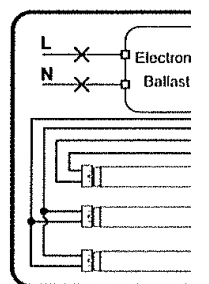
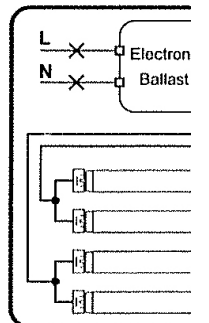
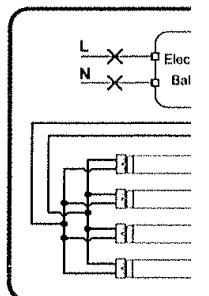
Retrofit luminaire with 1 lamp**Instant Start****Program Start or Rapid Start****Retrofit luminaire with 2 lamps****Instant start****Program Start or Rapid Start**

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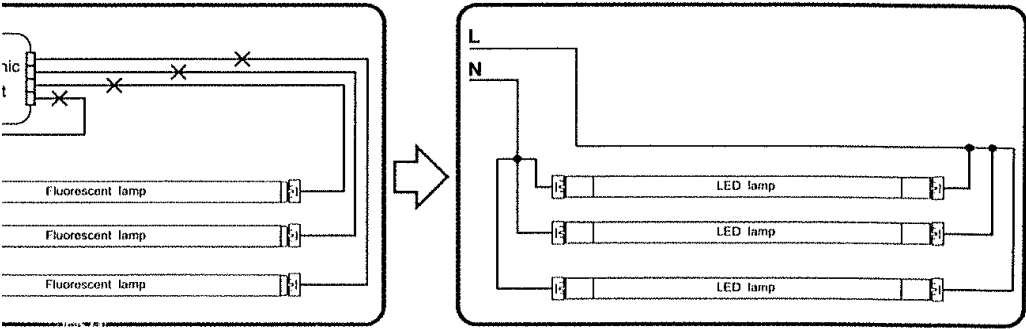
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Wiring Diagram

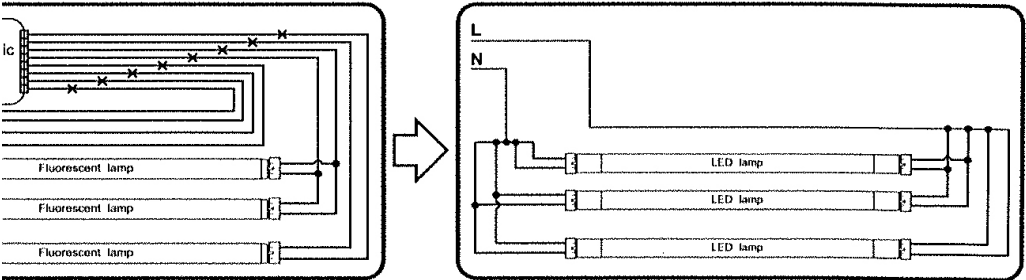
Retrofit luminaire with 1 lamp
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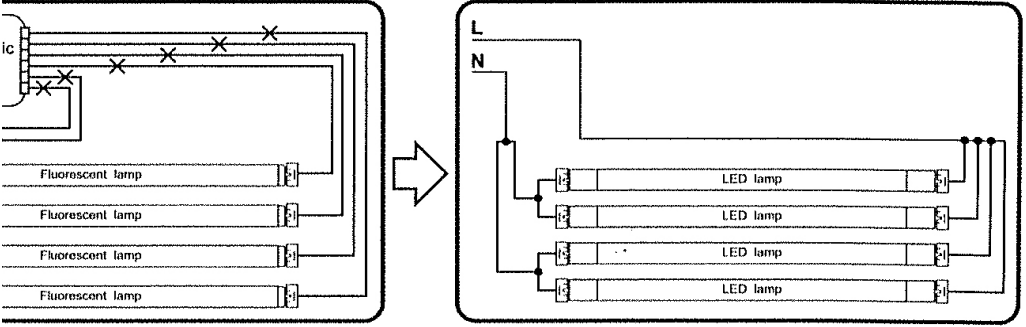
im:
ninaire with 3 lamps



t or Rapid Start



ninaire with 4 lamps



t or Rapid Start

