

# LUNERA PLL LED

## Installation Guide

### Line Driven PLL LED Lamp



#### Product Description:

Line Driven PLL LED Lamp HN-PLL-L-22-23W-8YY-G1.

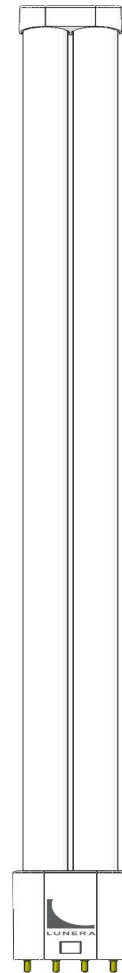
The Lunera PLL LED Lamp is an LED replacement for a 55W/50W/40W/ 36W/24W 2G11 PLL fluorescent lamp. Its built-in universal driver allows lamp operation at 120V ~ 277V.

This lamp only supports 2G11 lamp holder.

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

#### Installation Instruction - Ballast Bypass (UL Type B)

1. Turn power off to the fixture.
2. Remove existing PLL fluorescent lamp from the fixture.
3. Remove the electronic PLL ballast from the fixture.
4. Make sure 2G11 socket is not damaged or broken.
5. Connect hot wire to the pins with L marking and neutral wire to N marking. [See next page]
6. Install the Lunera PLL LED lamp. Make sure that L marking latches to the side of tombstone connected to hot (120V/277V) wire.
7. Apply re-lamping label on a visible location inside the fixture.
8. Turn power on.



This lamp is not rated for use with electronic CFL and emergency ballasts.

#### For Technical Support:

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

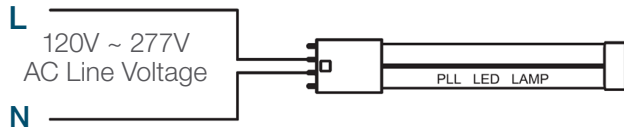
[www.lunera.com](http://www.lunera.com)



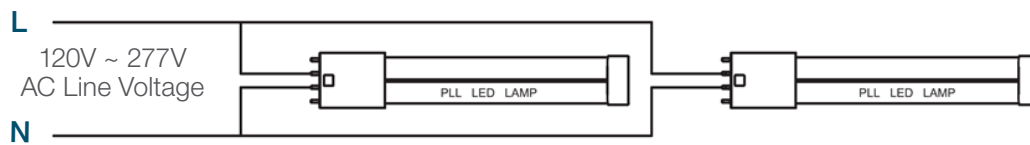
T (650) 241-3875

## Wiring Instructions:

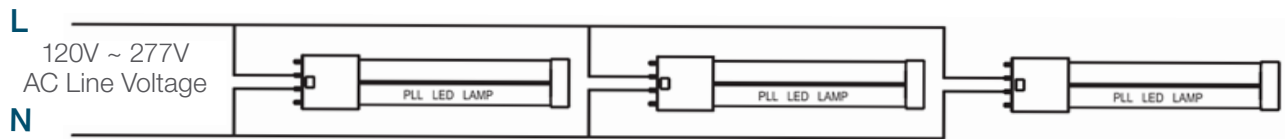
### Retrofit Luminaire with 1 Lamp



### Retrofit Luminaire with 2 Lamps



### Retrofit Luminaire with 3 Lamps



Minimum lamp compartment dimensions

[length x Width x Height] (cm)

62 x 60 x 8

This device complies with Part 15 of FCC Rules.

Operations 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.

## 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, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.
  
- WARNING** - RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT IN LUMINAIRES THAT HAVE THE CONSTRUCTION FEATURES AND DIMENSIONS SHOWN IN PRODUCT SPECIFICATION SHEET AND WHERE THE INPUT RATING OF THE RETROFIT KIT 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.

THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.

THIS DEVICE IS NOT FOR EMERGENCY LIGHTING.

- CAUTION** - DO NOT INSTALL THIS LAMP INTO LINE VOLTAGE ABOVE 277VAC.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

This device is not rated for use with electronic or magnetic ballasts.