

# LUNERA PLL LED

## LED Replacement for PLL Fluorescent Lamp

Line Driven - [UL Type B]



### Description

The Lunera PLL LED lamp is a Line Driven (ballast bypassed) LED replacement for a 55W / 40W / 36W 4-pin long compact fluorescent lamp. Its built-in universal driver allows lamp operation at 120V~277V.

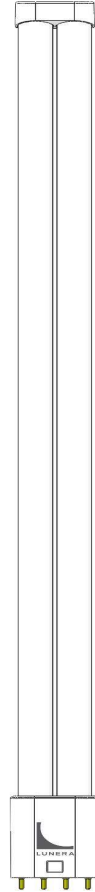
This beautiful lamp emits light over 330° of its surface, has a Color Rendering Index (CRI) of 83 and delivers up to 2,600 lumens of usable light. The Lunera PLL LED lamp is available in 2700K, 3000K, 3500K, and 4000K color temperatures.

The Lunera PLL LED lamp delivers over 50% in energy savings and has a long lifespan rated at 50,000 hours. It is supported by a five-year warranty.

This product does NOT rated for use with electronic or magnetic ballasts.

### Features

- Directly replaces 55W/40W/36W 2G11 compact fluorescent lamps
- Built-in universal driver supports 120VAC ~ 277VAC
- Delivers up to 2,600 lumens of usable light
- >80 CRI
- CCT 2700K, 3000K, 3500K, and 4000K
- 50,000 hours life to L70
- 5-Year Warranty



Example: HN-PLL-L-22-23W-835-G1

### Ordering Information

Series	Socket Type	Power Supply	Dimension	Lamp Wattage Replaced	CCT	Generation
<b>HN</b> Lunera PLL LED	<b>PLL</b> Fixture with 2G11 socket [4-pin long CFL]	<b>L</b> Line Driven (Ballast Bypass) 120VAV~277VAC	<b>22</b> 22 inch tube	<b>23W</b> Replaces 55W~36W 4-pin long Compact Fluorescent Lamp	<b>827</b> 2700 Kelvin <b>830</b> 3000 Kelvin <b>835</b> 3500 Kelvin <b>840</b> 4000 Kelvin	<b>G1</b> 1st Generation

## Product Specifications

### Illumination

Color Temperatures	2700K, 3000K, 3500K, 4000K
Delivered Lumens:	Up to 2,600lm
CRI	>80
Color Consistency	Lunera TruColor Proprietary Process
Lumen Maintenance (L70)	50,000+ hours life

### Electrical System

Power Factor	> 90%
Total Harmonic Distortion	< 20%
Input Voltage	120V ~ 277V
Average Lamp Power	23W
Lamp Wattage Replaced	55W, 40W, 36W

### Physical

Weight	0.35 lbs
Housing and Finish	Glass, White
Optics	Optical Glass Diffusion, 330° Beam

### Environment

Ambient Operating Temp	-40°F to 104°F (-40°C to 40°C)
Ambient Operating Humidity	Dry and Damp Certified

### Installation

Socket Type	2G11 4-pin CFL Long Socket
Line Voltage	Yes

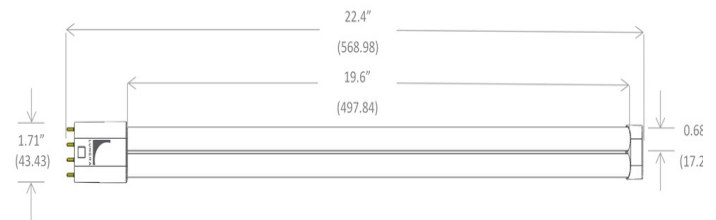
### Certifications & Qualifications

UL	Classified / Recognized US, CAN
RoHS Compliant	Contains no lead or mercury
DLC Listed	Category NOT Available
LM79, LM80, IES Files	Available. Contact Lunera.

### Warranty

Warranty	5 years
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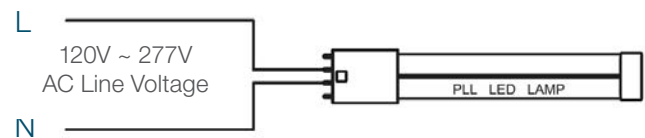
## Dimensions



## Application Notes

Retrofit kit installation requires knowledge of luminaire - Do NOT attempt for installation if not qualified.

Hot wire can be installed to any of pins that is marked "L1, L2, or L3".



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

Do NOT install this lamp into voltages above 277VAC.

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

## CAUTION

Turn power off when installing the lamp.

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