

## LUNERA PLL LED

22W LED Replacement for a 4-pin 2G11 PL-L (CFL Long) Lamp  
Type A - Ballast Driven

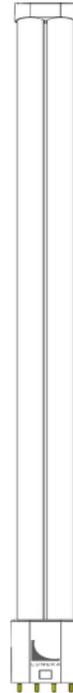
### Description

The **LUNERA PLL LED** is a plug-and-play (Type A, ballast driven) LED replacement for a 4-pin compact fluorescent long (PL-L) lamp up to 40W. It operates off of the existing electronic ballast and supports instant start, rapid start, and programmed start electronic ballast. Simply replace the lamp without any additional re-wiring of the fixture's ballast.

This LED lamp emits beautiful light with a 330° Beam Angle, 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 is rated at 50,000 hours and backed by a five-year warranty.

This product does NOT support line voltage.



### Features

- Directly replaces 40W/36W/26W 4-pin (2G11) compact fluorescent lamps with a 22W LED
- Type A (ballast driven) Plug-and-Play Installation: supports existing ballast (Instant Start / Rapid Start / Programmed Start Ballasts)
- 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

**Check Ballast Compatibility\*:**

<http://bit.ly/Lunera-Ballast-Lists>



Example: HN-PLL-D-22-22W-830-G1

### Ordering Information

Series	Socket Type	Power Supply	Dimension	Lamp Wattage	CCT	Generation
<b>HN</b> Lunera PLL LED Lamp	<b>PLL</b> 4-pin 2G11 socket	<b>D</b> Electronic PLL Ballast	<b>22</b> 22 inch tube	<b>22W</b> Replaces up to 55W with 2,600lm	<b>827:</b> 2700K <b>830:</b> 3000K <b>835:</b> 3500K <b>840:</b> 4000K	<b>G1</b> 1st Generation

PROJECT	CONTACT	MODEL NO.
REFERENCE NO.	QUANTITY	DATE

## Product Specifications

### Illumination

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

### Electrical System

Power Factor	> 90%
Total Harmonic Distortion	< 20%
Input Voltage	Dependent of the ballast (Lamp operates off of rapid, instant, and programmed start electronic ballasts)
Average Lamp Power	22W
Lamp Wattage Replaced	40W, 36W, 26W
Dimming*	Visit <a href="http://bit.ly/Lunera-Ballast-Lists">bit.ly/Lunera-Ballast-Lists</a>
Ballast Factor	NBF (0.88 ~ 1.00)

### Physical

Weight	0.35 lbs
Housing and Finish	Glass, White
Optics	Optical Glass Diffusion
Beam Angle / Beam Spread	330° / 230°

### 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
Line Voltage	No, this lamp is NOT approved for use with line voltage.

### Certifications & Qualifications

UL (US, Canada)	Classified (UL1598-C) Recognized
RoHS Compliant	Contains no lead or mercury
LM79, LM80, IES Files	Available. Contact Lunera.
LDL Listed	Yes

### Warranty

Warranty	5 years
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\* For a list of non-dimming and dimming ballasts that have been tested for compatibility with this product, visit <http://bit.ly/Lunera-Ballast-Lists>. If your ballast is not listed, contact Lunera Technical Support at 408-495-5600.

## Dimensions



## Application Notes

\* For applications containing dimming ballasts, please contact Lunera for specific compatibility.

## 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.