

## LUNERA CFL LED G24D

13W LED Replacement for a 2-pin Compact Fluorescent Lamp  
Type A - Ballast Driven

### Description

The **Lunera CFL LED G24D** is a plug and play, (Type A, ballast driven) LED replacement for a 18W or 26W (also 32W compatible) 2-pin CFL compact fluorescent lamp. Offered in a horizontal or vertical configuration, the lamp operates off of the existing magnetic ballast. Simply replace the lamp without any additional re-wiring of the ballast of the fixture.

These lamps have a Color Rendering Index (CRI) of 80+ and deliver up to 1,000 lumens of usable light. The LUNERA CFL LED G24D is available in 2700K, 3000K, 3500K and 4000K color temperatures.

The LUNERA CFL LED G24D is rated at 50,000 hours and backed by a five-year warranty.

**This Type A (ballast driven) product does NOT support line voltage.**



(G24d-2 and G24d-3)  
socket compatible



**2-pin Horizontal**  
with **160° swivel base**



(G24d-2 and G24d-3)  
socket compatible



**2-pin Vertical**

### Features

- Directly replaces 2-pin (G24d-2 or G24d-3) 18W or 26W (also 32W compatible) CFL with 13W LED
- Type A (ballast driven) Installation - plug and play with installed CFL magnetic ballast
- Delivers up to 1,000 lumens of usable light
- >80 CRI
- CCT 2700K, 3000K, 3500K and 4000K
- 50,000 hours to L70 Lifespan
- 5 Year Warranty



### Ordering Information

Series	Version	Socket Type	Power Supply	Lamp Wattage	CCT	Generation
<b>HN</b> Lunera CFL LED	<b>V</b> Vertical <b>H</b> Horizontal	<b>G24D</b> 2-Pin G24d-2 or G24d-3 socket	<b>B</b> Magnetic CFL Ballast	<b>13W</b> 18W, 26W, 32W CFLs	<b>827:</b> 2700K <b>830:</b> 3000K <b>835:</b> 3500K <b>840:</b> 4000K	<b>G4</b> 4th Generation

## Product Specifications

### Illumination

Color Temperatures	2700K, 3000K, 3500K, <b>4000K</b>
Delivered Lumens:	<b>Up to 1,000lm (horizontal)</b> 950lm (vertical)
CRI	>80
Color Consistency	Lunera TruColor LED Selection
Lumen Maintenance (L70)	50,000+ hours life

### Electrical System

Input Voltage	Driven by Magnetic CFL Ballast
Average Lamp Power	13W
Total Power (Lamp + Ballast)	<b>15W (Horizontal)</b> , 15W (Vertical)
Lamp Wattage Replaced	18W, 26W (32W compatible)
Dimming*	No

### Physical

Weight	0.25 lbs
Housing and Finish	Aluminum, Painted
Optics	Optical Acrylic Diffusion

### Environment

Ambient Operating Temp	-4°F to 104°F (-20°C to 40°C)
Ambient Operating Humidity	20% to 85% RH, non-condensing
Max Heat Sink Temp	221°F (105°C)

### Installation

Socket Type (magnetic)	G24d-2 or G24d-3, 2-Pin CFL socket
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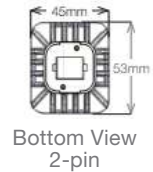
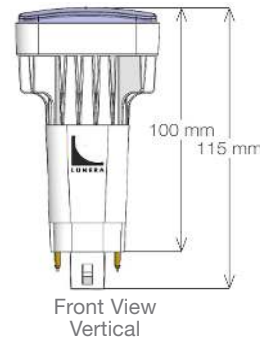
### Certifications & Qualifications

UL (US and Canada)	Recognized
RoHS Compliant	Contains no lead or mercury
LM79, LM80, IES Files	Available upon request
LDL Listed	Yes

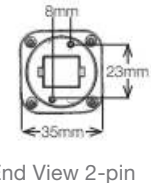
### Warranty

Warranty	5 years
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## Vertical Package Dimensions



## Horizontal Package Dimensions



Note: 160° swivel base

## Application Notes

The Lunera G24D CFL LED is intended for operation with 18W and 26W magnetic CFL ballasts (also 32W compatible).

The Lunera CFL LED is not intended for use in lensed downlights.

This product is NOT rated for use with line voltage.

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

## CAUTION

TURN POWER OFF WHEN INSTALLING THIS LAMP.

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

THIS LAMP ONLY OPERATES ON MAGNETIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN.