

LUNERA CFL LED G24Q

11W LED Replacement for a 4-pin Compact Fluorescent Lamp
Type A - Ballast Driven

Description

The **LUNERA CFL LED G24Q** is a plug and play (Type A, ballast driven) LED replacement for 13W, 18W, 26W, 32W and 42W 4-pin CFL compact fluorescent lamps. Offered in a horizontal or vertical configuration, the lamp operates off of the existing electronic 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 1,445 lumens of usable light. The LUNERA CFL LED G24Q is available in 2700K, 3000K, 3500K, and 4000K color temperatures.

The LUNERA CFL LED G24Q is rated at 50,000 hours and backed by a five-year warranty.

Lunera's proprietary Thermal IQ technology supports lamp operation in fully enclosed luminaires and up to 150°F ambient temperatures.

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

Features

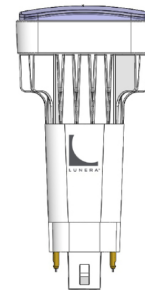
- Directly replaces 4-pin (G24q -1 / -2 / -3) 13W, 18W, 26W, 32W and 42W CFLs with 11W LED
- Type A (ballast driven) Installation - plug and play with installed CFL electronic ballast
- Delivers up to 1,445 lumens of usable light
- >80 CRI
- Reliable operation in fully enclosed fixtures
- High System Efficacy
- CCT 2700K, 3000K, 3500K and 4000K
- Thermal IQ to support ambient temperatures up to 150°F
- 50,000 hours to L70 lifespan
- 5 Year Warranty



(G24q -1 / -2 / -3)
socket compatible



4-pin Horizontal
with 160° swivel base



(G24q -1 / -2 / -3)
socket compatible



4-pin Vertical



Ordering Information

Example: HN-V-G24Q-B-11W-830-G4

| Series | Version | Socket Type | Power Supply | Lamp Wattage | CCT | Generation |
|--------------------------------|--|----------------------------------|---------------------------------------|---|--|-----------------------------|
| HN Lunera CFL LED | V Vertical H Horizontal | G24Q 4-Pin G24Q socket | B Electronic CFL Ballast | 11W Replaces 13W, 18W, 26W, 32W and 42W CFL | 827: 2700K CCT 830: 3000K CCT 835: 3500K CCT 840: 4000K CCT | G4 4th Generation |

| | | |
|---------------|----------|-----------|
| PROJECT | CONTACT | MODEL NO. |
| REFERENCE NO. | QUANTITY | DATE |

Product Specifications

Illumination

| | |
|-------------------------|--|
| Color Temperatures | 2700K, 3000K, 3500K, 4000K |
| Lamp Lumens | Up to 1,445lm (horizontal) 1,350lm (vertical) |
| CRI | >80 |
| Color Consistency | Lunera TruColor LED Selection |
| Lumen Maintenance (L70) | 50,000+ hours life |

Electrical System

| | |
|------------------------------|---|
| Power Factor | > 90% (determined by installed ballast) |
| Total Harmonic Distortion | < 20% (determined by installed ballast) |
| Input Voltage | Driven by CFL Electronic Ballast |
| Average Lamp Power | 11W |
| Total Power (Lamp + Ballast) | 14W (Horizontal), 14W (Vertical) |
| Lamp Wattage Replaced | 26W (13W, 18W, 32W and 42W) |
| Dimming* | Dimmable, see Ballast Compatibility |

Physical

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

Environment

| | |
|----------------------------|-------------------------------|
| Ambient Operating Temp | -4°F to 150°F (-20°C to 75°C) |
| Ambient Operating Humidity | Dry and Damp Certified |
| Max Heat Sink Temp | 221°F (105°C) |

Installation

| | |
|--------------------------|--|
| Socket Type (electronic) | G24q-1, G24q-2, and G24q-3 4-Pin CFL socket |
|--------------------------|--|

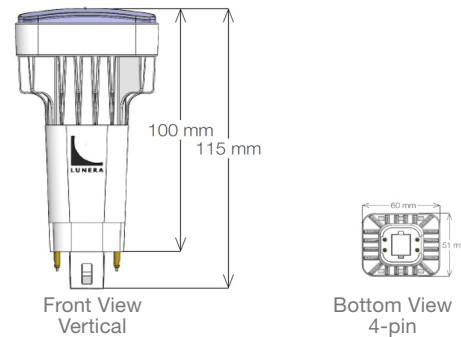
Certifications & Qualifications

| | |
|--------------------------------|-----------------------------|
| UL (US and Canada) | Recognized |
| RoHS Compliant | Contains no lead or mercury |
| LM79, LM80, IES Files | Available. Contact Lunera. |
| DesignLights Consortium Listed | Yes, DLC 4.2 |

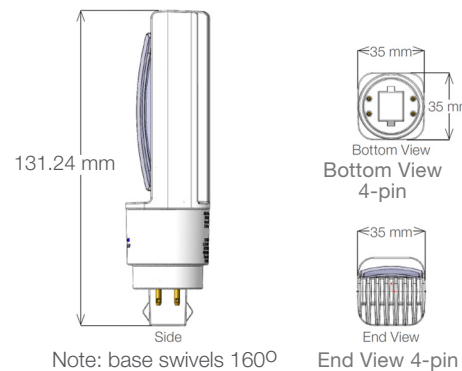
Warranty

| | |
|----------|---------|
| Warranty | 5 years |
|----------|---------|

Vertical Package Dimensions



Horizontal Package Dimensions



Application Notes

The CFL LED lamp is compatible and intended for operation with electronic ballasts from the following manufacturers [contact Lunera for full compatibility list]:

- Philips ICF-2S18-H1-LD
- Osram/Sylvania QTP 1/2x18CF/UNV & QTP 2x26CF/UNV
- Triad C218UNVBE & C2642UNVBE
- Fulham NPY-120-226-CFL
- Robertson RED1L10-120

* 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 ELECTRONIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN.