

LUNERA CFL LED LAMP G24q

LED Replacement for 4-pin CFLs

Ballast Driven



Description

The LUNERA CFL LED G24q is the 4th Generation plug-and-play LED replacement for CFL downlights with 4-pin G24q-series sockets. Simply choose the configuration for Horizontal or Vertical versions, plug it in like any CFL lamp, and enjoy the improved light quality and energy savings - no need to bypass the CFL electronic ballast.

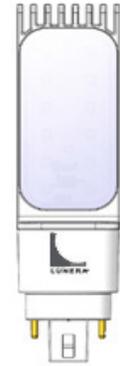
These beautiful lamps have a Color Rendering Index (CRI) of >80 and deliver up to 1,445 lumens of usable light. The Lunera CFL LED G24q is available in 2700K, 3000K, 3500K, and 4000K color temperatures.

The long lifespan of the Lunera CFL LED G24q is rated at 50,000 hours, 5x longer than CFLs and is supported by a five year warranty. These lamps offer over 50% energy savings and are compatible with 18W, 26W, 32W, and 42W CFLs, making it easy to save even more energy.

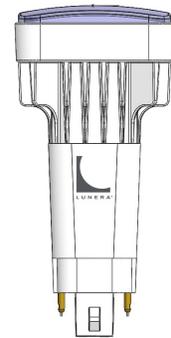
Lunera's proprietary Thermal IQ technology supports lamp operation in fully-enclosed luminaires and up to 150°F ambient temperatures.

Features

- Directly replaces 18W, 26W, 32W and 42W CFLs (4-pin)
- Plug-and-Play installation into CFL electronic ballast
- >80 CRI
- Delivers up to 1,445 lumens
- 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



4-pin Horizontal



4-pin Vertical



Ordering Information

Example: HN-V-G24Q-B-11W-835-G4

Series	Version	Socket Type	Power Supply	Lamp Wattage	CCT	Generation
HN: CFL LED	V: Vertical H: Horizontal	G24Q: Recessed downlight with G24q series 4-Pin CFL socket	B: Ballast Driven 4-pin Lamp	11W: Replaces 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	@2700K 1,151lm (horizontal), 1,217lm (vertical)
Lumens:	@3000K 1,260lm (horizontal), 1,250lm (vertical)
	@3500K 1,380lm (horizontal), 1,292lm (vertical)
	@4000K 1,445lm (horizontal), 1,319lm (vertical)
CRI	>80
Color Consistency	Lunera TruColor Proprietary Process
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 (18W, 32W and 42W compatible)
Dimming	Non-dimming ballasts only*

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 series 4-Pin CFL socket
--------------------------	------------------------------

Certifications & Qualifications

UL	Recognized USA & CAN
DLC	Listed (DLC 4.0)
RoHS Compliant	Contains no lead or mercury
LM79, LM80, IES Files	Completed

Warranty

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

Application Notes

The Lunera CFL LED G24q 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 & ICF-2S26-H1-LD
- Osram/Sylvania QTP 1/2x18CF/UNV & QTP 2x26CF/UNV
- Triad C218UNVBE & C2642UNVBE
- Fulham NPY-120-226-CFL
- Robertson RED1L10-120

TURN POWER OFF WHEN INSTALLING THIS LAMP.

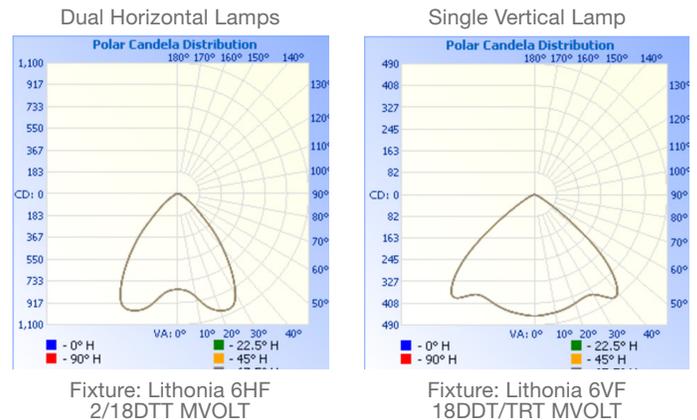
* For applications with dimming ballasts, please contact Lunera for specific compatibility.

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

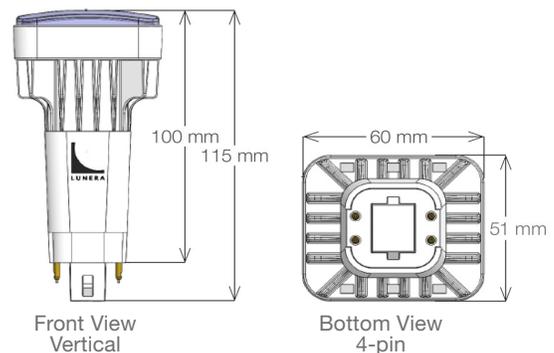
THIS LAMP ONLY OPERATES ON ELECTRONIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN.

Photometry

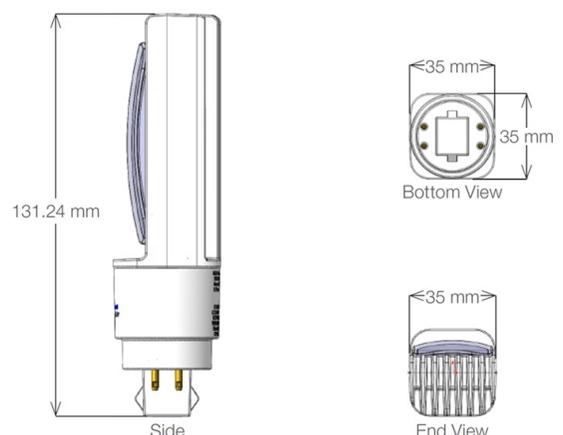
Lamp performance in DLC reference fixtures:



Vertical Package



Horizontal Package



For Technical Support:

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

R12212016 © 2016 Lunera® Lighting

T (650) 241-3875

www.lunera.com

