

LED Plug-In 4Pin GEN2



DATA SHEET

Product information

GE's LED 4 Pin Plug-In lamp offers safe, reliable and affordable energy saving alternative to Compact Fluorescent 4 Pin Plug-In lamps used in downlight fixtures. The replacement can be completed without tools or costly upgrade.

The new GEN2 4Pin LED Plug-In lamp is available in 7.5W to replace 18W (G24q-2 or GX24q-2) and 10W to replace 26W and 32W (G24q-3 or GX24q-3) regular CFL lamps.

Features

- Energy Saving up to 62% versus traditional CFL 4 Pin Plug-In lamps
- High light output up to 1200 lumens
- Available in 3000, 4000 and 6500K
- Optimized beam angle: 110°x120° for horizontal applications
- Improved design with softened edges
- The lamp is compatible with the most common electronic ballasts types, but please visit the following website for the list of ballasts tested and approved for compatibility:
www.gelighting.com/LEDPlugIn-compatibility

Application areas



Office



Retail



Hospitality

Specification Features

Long life

- 50,000 hours rated life (L70)
- Lasts 2.5x longer than typical CFL lamp

High efficiency

- Increased energy saving, up to 120 Lm/W
- Uses 58% less energy than a 18W CFL lamp (7.5W vs 18W) or 62% less energy than a 26W CFL lamp (10W vs 26W)
- Advanced optics eliminate wasted light to deliver more targeted beam

High Quality lighting effect

- High uniformity of light, create elegant lighting atmosphere for retail, hospitality & commercial applications
- Available with a CRI of 80

Environmentally Conscious

- Energy efficient lamp that contain no lead or Mercury



GE imagination at work

IEC standards

EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting
EN 61000-3-2	Limits for harmonic current emissions (equipment rated current ≤16A)
EN 61000-3-3	Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current ≤16A)
EN 61547	Specification for equipment for general lighting purposes. EMC Immunity requirements
EN 62493:2010	Assessment of lighting equipment related to human exposure to electromagnetic field
IEC 61347-1	Lamp controlgear – Part 1: General and safety requirements
IEC 61347-2-13	Lamp controlgear – Part 2-13: Particular requirements for DC or AC supplied electronic controlgear for LED modules
IEC 62471	Photobiological safety of lamps and lamp systems
IEC/TR 62471-2	Photobiological safety of lamps and lamp systems – Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety
IEC/TR 62778	Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires
IEC 61199	Single-capped fluorescent lamps – Safety specifications
IEC 62560	Self-ballasted LED-lamps for general lighting services by voltage > 50 V – Safety specifications

Specification summary

Rated Wattage (W)	Length (mm)	CCT (K)	CCT Steps	Product Description	Rated Lumens (lm)	Life L70 (h)	CR (Ra)	Energy Efficiency Class	Burn position	Pack Qty (pcs)	Product code
10	162	3000	<6	LED 10/G2/G24q-3/4P/H/830 GE BX1/6 *	1 150	50000	80	A+	Horizontal	6	93060367
10	162	4000	<6	LED 10/G2/G24q-3/4P/H/840 GE BX1/6	1 170	50000	80	A+	Horizontal	6	93060368
10	162	6500	<6	LED 10/G2/G24q-3/4P/H/865 GE BX1/6 *	1 200	50000	80	A+	Horizontal	6	93060369
7.5	162	3000	<6	LED 7.5/G2/G24q-2/4P/H/830 GE BX1/6	850	50000	80	A+	Horizontal	6	93060370
7.5	162	4000	<6	LED 7.5/G2/G24q-2/4P/H/840 GE BX1/6	880	50000	80	A+	Horizontal	6	93060371
7.5	162	6500	<6	LED 7.5/G2/G24q-2/4P/H/865 GE BX1/6	900	50000	80	A+	Horizontal	6	93060372

* will be available from Q2 2018

Electrical and Photometric Characteristics

Ambient temperature range	-20°C to +40°C
Number of switching cycles	30.000
Lumen maintenance at B50	70%
Beam angle	110° x 120°
Dimmable	No
Fixture rating	can be used in open and enclosed fixtures
Starting time	<0.5sec
Weight	125g

Operation and maintenance

Store and use the lamps the same way as standard compact fluorescent lamps.

- Lamps should be kept free from contamination.
- Switch off mains supply before installing/removing lamp.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- Lamp can't be operated directly from Mains voltage, an electronic ballast is needed.
- Can be operated only with ballasts that are approved for compatibility, list of approved ballasts can be found on www.gelighting.com/LEDPlugIn-compatibility
- Can be used in both open and enclosed fixtures.
- Not for use in emergency lighting circuits.

Dimensions (mm)

