LED
Omni-directional GLS
8W & 12W replacements for 40W and 60W

Product information
GE’s LED retrofit lamps offer great possibility to replace incandescent, compact fluorescent or halogen lamps with a 2700K Extra Warm White LED lamp with wide light distribution (220°) for general lighting. GE LEDs are very economical and environmentally friendly: they are mercury free, use far less energy than halogen or incandescent lights, and last longer. They fit into everyday light fittings and the light comes on the instant you flick the switch.

Features
- 8W = 40W equivalent
- 470 Lumens
- 2700 Kelvin Colour Temperature
- 12W = 60W equivalent
- 810 Lumens
- 2700 Kelvin Colour Temperature

Application areas
- Home
- Hospitality

Compliance

Standards
- IEC 60061-1: Lamp Caps and holders together with gauges for the control of interchangeability and safety
- IEC 60630: Maximum lamp outlines for incandescent lamps.
- IEC or EN 60968: Self-ballasted lamps with general lighting services – Safety requirements
- IEC 62471: Photobiological Safety of Lamps and Lamp Systems
- EN 61547: Requirement for General Lighting purposes EMC Immunity requirement.
- EN 55015 or CISPR 15: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2: Electromagnetic compatibility (EMC) - Limits for harmonic current emissions (equipment rated current up to 16 A)
- EN 61000-3-3: Electromagnetic compatibility (EMC) - Limitation of voltage fluctuations and flicker in low-voltage supply systems (equipment rated current up to 16 A)
Specification summary

<table>
<thead>
<tr>
<th>Watt (W)</th>
<th>Volt (V)</th>
<th>Cap</th>
<th>Product Description</th>
<th>CCT (K)</th>
<th>Lumen (lm)</th>
<th>CRI (Ra)</th>
<th>Life (h)</th>
<th>Power Factor</th>
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<th>Weight (g)</th>
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Dimensions

Omni-directional light distribution

GE's omni-directional lamp enables a wide (220°) light distribution unlike traditional LED lamps thus forming this lamp to an ideal choice for general lighting application such as for table lamps.

Operation and maintenance

- Store and use the lamps the same way as traditional lamps.
- Check your fixtures are properly wired and don’t deliver voltage spike to lamps causing overheating/failure.
- Lamps should be kept free from contamination.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- Ensure lamp is cool before removing.
- Switch off mains supply before installing/removing lamp.
- Not for use in totally enclosed recessed fixtures.

www.gelighting.com/eu
GE Lighting

Product information
GE’s LED retrofit lamps offer great possibility to replace incandescent, compact fluorescent or halogen lamps with a LED light source for general lighting. GE LEDs are very economical and environmentally friendly: they are mercury free, use far less energy than halogen or incandescent lights, and last longer. They fit into everyday light fittings and the light comes on the instant you flick the switch.

Features
- Replace 40W GLS with 9W LED
- Replace 25W GLS with 5W LED
- Dimmable
- 25,000 hours rated life
- Instant start
- Robust design
- No mercury
- Cool to touch
- 430 lumens

Application areas
The range delivers incandescent light effects, making it ideal for general and decorative lighting in the home and hospitality applications.

Product range
LED GLS is available in a range of:
- 5W, cap E27 and B22, frosted
- 9W, cap E27 and B22, frosted

IEC standards
- IEC60968: Self-ballasted lamps for general lighting services safety requirements
- IEC62031: LED modules for general lighting-safety specific actions
- IEC62471: Photobiological safety of lamps and lamp systems
- EN55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN61547: Equipment for general lighting purpose EMC immunity requirements
- EN61000-3-2: Limits for harmonic current emissions
- EN61000-3-3: Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <=16A
- IEC60630: Maximum lamp outlines for incandescent lamps
Basic data

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*Rated wattage, life and lumen are equivalent to nominal values, which are indicated on product packaging.

Lumen maintenance

>70% lumen maintenance at 25,000 hours

Dimensions

<table>
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<tr>
<th>Wattage [W]</th>
<th>Cap</th>
<th>B length [mm]</th>
<th>A diameter [mm]</th>
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Operation and maintenance

- Smooth, incandescent-like dimming.
- Store and use the lamps the same way as traditional incandescent lamps.
- Observe wattage limitations of your fixture.
- Check your fixtures are properly wired and don’t deliver voltage spike to lamps causing overheating/failure.
- Lamps should be kept free from contamination.
- Good condition of the lampholder contacts is important to ensure proper operation of lamp.
- Ensure lamp is cool before removing.
- Do not use the lamp if the glass bulb is broken, even if the lamp still operates. There is a risk of electric shock.
- Switch off mains supply before installing/removing lamp.
- Please see detailed dimming compatibility information on the website.

All GE LED Lamps are covered by a 3 to 5 year limited warranty under the terms set out the website: gelighting.com/eu/led.