

# LED Precise Constant Colour™ GU10 Dimmable

6W Replacement for 50W



DATA SHEET

## Product information

GE's newest LED technology surpasses current market expectations for GU10 performance. Superior colour consistency under 4 steps standard deviation of colour maintenance, combined with superlative lumen output and exceptional 50,000 hours life rating, all packaged in a visually aesthetic COB design, provides a lighting performance of rare quality.

Available in three colour temperatures and two beam angles, and designed with an attractive smooth heat sink and extra wide light emitting surface area, this advanced new design puts GE at the cutting-edge of LED innovation.

## Features & benefits

- COB design for halogen look-alike aesthetics
- 40mm light emitting surface area reduces glare
- Flat front face within IEC standard dimensions
- Smooth heat-sink and low heat emission
- Extra-long L70 life for reduced maintenance costs
- Total Lumen output of 380, 400 and 490 Lumens
- Compatible dimming on leading edge and trailing edge dimmers

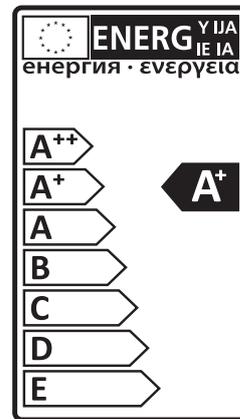
## Application areas



Retail



Hospitality



## Compliance

- EN 55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting
- EN 61547: Equipment for general lighting purposed EMC immunity requirements
- EN 61000-3-3: Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current  $\leq 16A$ )
- EN 61000-3-2: Limits — Limits for harmonic current emissions (equipment input current  $\leq 16 A$  per phase)
- IEC 62471: Photo biological safety of lamps and lamp systems
- IEC 60061: Lamp Caps and holders together with gauges for the control of interchangeability and safety



GE imagination at work

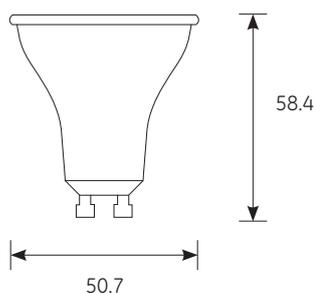
## Specification summary

| Type | Rated Power | CCT [K] | Total Lumens | DIM2 Lumen | Rated Angle | CBCP | Life L70 [hrs] | EEC | Energy Consumption [kwh/100h] | Pack Qty | Code  |
|------|-------------|---------|--------------|------------|-------------|------|----------------|-----|-------------------------------|----------|-------|
| GU10 | 6           | 2700    | 380          | 360        | 25          | 1500 | 50,000         | A+  | 6.00                          | 1/10     | 84565 |
| GU10 | 6           | 2700    | 380          | 360        | 35          | 1000 | 50,000         | A+  | 6.00                          | 1/10     | 84567 |
| GU10 | 6           | 3000    | 400          | 380        | 25          | 1600 | 50,000         | A+  | 6.00                          | 1/10     | 84568 |
| GU10 | 6           | 3000    | 400          | 380        | 35          | 1100 | 50,000         | A+  | 6.00                          | 1/10     | 84572 |
| GU10 | 6           | 4000    | 490          | 470        | 25          | 1900 | 50,000         | A+  | 6.00                          | 1/10     | 84574 |
| GU10 | 6           | 4000    | 490          | 470        | 35          | 1200 | 50,000         | A+  | 6.00                          | 1/10     | 84577 |

## Common attributes

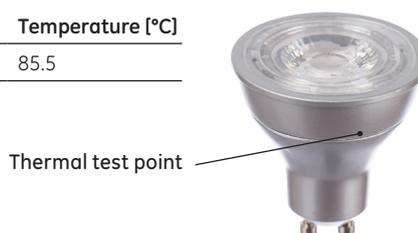
- Colour Rendering Index >83
- Input Voltage 220-240V
- Warm up time: Instant on
- Switching Cycles: 100,000
- Power factor: >0.9

## Dimensions [mm]



## Recommended operation temperature

| To meet B10 life claim | Temperature [°C] |
|------------------------|------------------|
| Maximum $T_{hs}$       | 85.5             |



## Operation & 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.
- Ambient temperature range -20° C to 40°C
- 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.

GE LED Precise Constant Colour™ GU10 6W lamps are dimmable on most leading and trailing edge dimmers, for more information please check our website [www.gelighting.com/dimming-led](http://www.gelighting.com/dimming-led).