GE **Lighting**



DATA SHEE

LED Energy Smart™ GU10 Dimmable

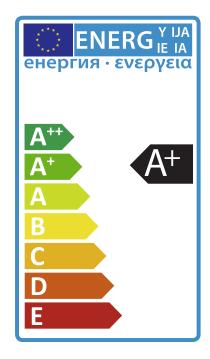
5.5W equivalent for 50W

Product information

This new range of LED GU10 Dimmable provides a high quality replacement solution for halogen 50W. New white housing for improved aesthetics and consistent design.

Features & Benefits

- Total lumens: up to 420
- Three colour temperatures: 2700K, 3000K, 4000K
- Long lifetime of 25000 hours (L70/B50)
- A+ Energy Class
- Dimmable
- New Design with white housing



Application areas



Retail

Standards

- 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 61000-3-2: 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 62560: Self-ballasted LED lamp for general lighting services voltage 50~250V-safety specification
- EN 62471: Photo biological safety of lamps and lamp systems
- IEC/TR 62778: 2014: Assessment of blue light hazard to light sources and luminaries
- EN 62493:2010: Assessment of lighting equipment related to human exposure to electromagnetic fields

Specification summary

Product Code	Direct Shipment Code	Product Description	Dimmable	Nomina Power (W)	•	Nominal/ Rated Lumens (Im)	Nominal/ Rated Useful Lumens (Im)	Rated Peak Intensity (cd)	сст (к)	WEC (kwh/ 1000h)	Pack Qty	Pack Type
93068474	93069944	LED ESmart GU10 50-5.5WDim 827 35°	Yes	5.5	50	380	360	700	2700	5.5	1/8	Box
93068477	-	LED ESmart GU10 50-5.5WDim 827 35° BL	Yes	5.5	50	380	360	700	2700	5.5	1/8	Blister
93068475	93069945	LED ESmart GU10 50-5.5WDim 830 35°	Yes	5.5	50	400	380	700	3000	5.5	1/8	Box
93068476	93069946	LED ESmart GU10 50-5.5WDim 840 35°	Yes	5.5	50	420	400	700	4000	5.5	1/8	Box

Common attributes

- Nominal/Rated Life (L70/B50 hours): 25 000 Hrs
- Cap/Base: GU10•Nominal/Rated Beam Angle : 35°
- Colour Rendering Index >80
- Input Voltage 220-240V
- Start-up/Warm-up time: <1sec/instant
- Switching Cycles: 100 000
- Power factor: 0.7
- Lumen Maintenance Factor: 0.7
- Colour consistency: <6 SDCM
- A+ Energy Class

Recommended operation temperature

• Ths Max. for L70/B50 is 80°C



Dimensions (mm)

Ø 50

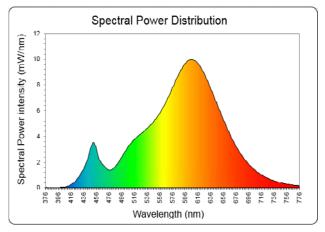
Packaging image



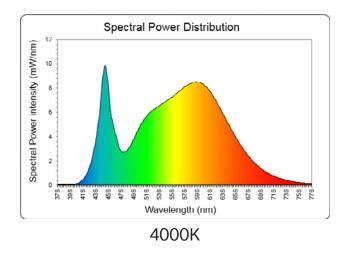
Operation and maintenance

- 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.
- 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 lamps.
- Not for use in totally enclosed recessed fixtures.

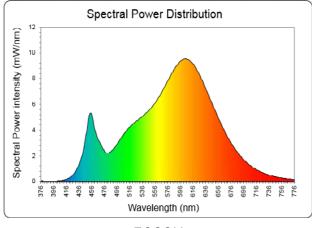
Spectral distributions







All values 180-400nm are 0



3000K



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GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law. LED Energy Smart GU10 G7 Dimmable Data Sheet – March 2018