

# Glass LED SMD GU10

## 4.5W

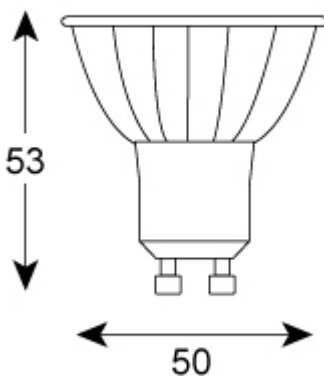


### Features

- Ideal retrofit solution for GU10 halogen lighting, same glass body finishing, and identical size
- Excellent thermal conductivity, with inner metal heat sink
- Aesthetic reflector optics
- Good color rendition, Ra  $\geq$ 80

### Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: [www.prosperitylamps.com](http://www.prosperitylamps.com) Email: [info@prosperitylamps.com](mailto:info@prosperitylamps.com)

Standards



Applications



Home



Office



Shopping mall



Hotel



Supermarket



Restaurant



Gallery



Museum

Technical Data	
Type of Light Source	
Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	DLS
Mains or Non-mains [MLS/NMLS]	MLS
Connected Light Source	Yes
Color tunable light source	No
Envelop [No/Second/Non-Clear]	Non-Clear
High Luminance Light Source	No
Anti-glare Shield	No
Electrical	
Rated Wattage [W]	4.5W
On-mode Power [W]	4.5W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.4
Input Current [mA] @230V	339
LED	SMD
Model	
LED G GU10 SMD-4.5W	4.5W
Luminous Flux (Useful Luminous Flux) [lm]	
4.5W	400lm (350lm) @3000K
	400lm (350lm) @6500K
Peak Luminous Intensity [cd]	

Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: [www.prosperitylamps.com](http://www.prosperitylamps.com) Email: [info@prosperitylamps.com](mailto:info@prosperitylamps.com)

4.5W	550cd @3000K
	550cd @6500K
<b>Performance</b>	
SDCM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.312, 0.335@6500K
Efficacy [lm/W]	89
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	38
Rated Life, Ta@25°C [hrs]	15,000
Survival Factor	0.9
Lumen Maintenance factor	0.93
Number of Switching Cycles Before Failure	>7,500
Starting Time [S]	<1
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.5
Flicker Metric [Pst LM]	0.0
Stroboscopic Effect Metric [SVM]	0.0
<b>Mechanical</b>	
Diameter D [mm]	Φ50
Height H [mm]	53
Base	GU10
Material	Glass
<b>Standard Compliance</b>	
CE-LVD	EN62560
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
<b>Other</b>	
Dimmable [Yes/Only with specific dimmers/No]	No
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 4.5W [W]	50W
Energy Consumption in on-mode [kWh/1000h]	4.5kWh