

Thermal Plastic LED MR11 GU10

4W

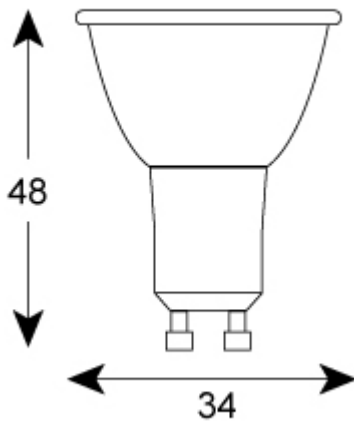
Features

- Extremely energy saving with low power consumption
- Ideal retrofit of traditional lamps with same appearance / performance / dimensions
- Excellent thermal conductivity
- Aesthetic reflector optics
- Good color rendition, Ra ≥ 80



Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: 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 No

Color tunable light source No

Envelop [No/Second/Non-Clear] No

High Luminance Light Source No

Anti-glare Shield No

Electrical

Rated Wattage [W] 4W

On-mode Power [W] 4W

Standby Power [W] N/A

Networked Standby Power [W] N/A

Rated Voltage [V/Hz] 220-240Vac, 50/60Hz

Power Factor @230V 0.5

Input Current [mA] @230V 35

Model

LED TP MR11 GU10 4W 4W

Luminous Flux (Useful Luminous Flux) [lm]

4W 300lm (290lm) @3000K

320lm (310lm) @4000K

340lm (330lm) @6500K

Peak Luminous Intensity [cd]

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4W 30°	280 @3000K
	285 @4000K
	290 @6500K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44,0.403@3000K / 0.38,0.38@4000K / 0.312,0.335@6500K
Efficacy [lm/W]	75-85
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	30
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor	0.9
Lumen Maintenance	0.96
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.5
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	Φ34
Height H [mm]	48
Base	GU10
Material	Aluminium + PC
Standard Compliance	
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
Other	
Dimmable [Yes/Only with specific dimmers/No]	No
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 4W [W]	33W
Energy Consumption in on-mode [kWh/1000h]	4kWh