Thermal Plastic LED MR11 GU10 4W

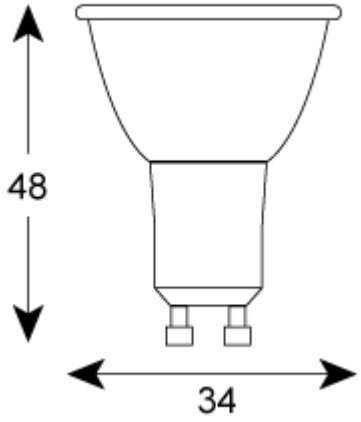


Features

· 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:



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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

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