PHILIPS Lighting



MASTER VALUE LEDspot MV

Master LED 4.9-50W GU10 940 36D Dim

Delivering a warm, halogen-like accent beam, MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it realizes more natural colors, creating cozy and comfortable ambiences for residential and hospitality projects, and emphasizing the beauty of merchandise in retail. These LED spots MV GU10 have the familiar look and feel of spot lamps, keeping the classic beauty of glass spots and adding the strong performance of LED technology. The dimming function enables you to create the atmosphere you desire, and it works with broad selection of dimmers. MASTER VALUE also offers more energy savings that normal LED spots.

Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Product data

General Information		Luminous Intensity (Nom)	700 cd
Cap-Base	GU10	Color Designation	Cool White (CW)
Nominal lifetime	25,000 hour(s)	Correlated Color Temperature (Nom)	4000 K
Switching Cycle	50,000	Luminous Efficacy (rated) (Nom)	84.00 lm/W
Lighting Technology	LED	Color Consistency	<6
EU RoHS compliant	Yes	Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Luminous Flux in 90° Cone (Rated)	380 lm
Color Code	940 [CCT of 4000K]		
Beam Angle (Nom)	36 degree(s)	Operating and Electrical	
Luminous Flux	420 lm	Line Frequency	50 to 60 Hz

MASTER VALUE LEDspot MV

50 to 60 Hz
5 W
27 mA
50 W
0.5 s
0.5 s
0.8
220-240 V
80 °C
Yes
PAR16

Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	5 kWh	
Product Data		
Order product name	Master LED 4.9-50W GU10 940 36D Dim	
Full product name	Master LED 4.9-50W GU10 940 36D Dim	
Full product code	871869675594500	
Order code	929001349008	
Material Nr. (12NC)	929001349008	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696755945	
Numerator - Packs per outer box	10	

8718696755952

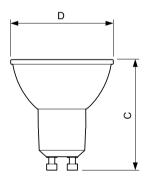
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EAN/UPC - Case

Product

Dimensional drawing

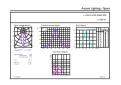


Master LED 4.9-50W GU10 940 36D Dim	50 mm	54 mm

100 80 40 20 0 200 300 400 500 600 700 800 $\lambda[nm]$

Spectral Power Distribution Colour - Master LED 4.9-50W GU10 940 36D Dim

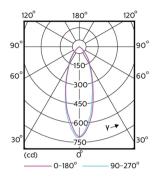
Photometric data



Accent Lighting Spots - Master LED 4.9-50W GU10 940 36D Dim

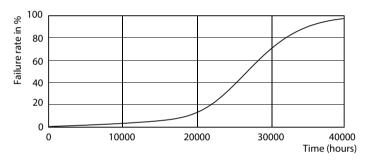
MASTER VALUE LEDspot MV

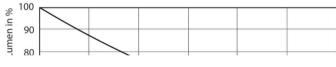
Photometric data



Light Distribution Diagram - Master LED 4.9-50W GU10 940 36D Dim

Lifetime





Life Expectancy Diagram - Master LED 4.9-50W GU10 940 36D Dim

Lumen Maintenance Diagram - Master LED 4.9-50W GU10 940 36D Dim



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