



MASTER VALUE LEDs pot LV

MASTER LED SPOT VLE D 7.5-50W MR16 940 60D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employs Philips' patented solution to guarantee the broadest possible compatibility with standard 12V Halogen electronic transformers. It also delivers beam intensity which is equivalent to the 50W Philips Halogen MR16 lamps. The form-factor of Philips MASTER Value LED MR16 guarantees a 100% form on the back-side of the lamp (exact form with Halogen lamps.)

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	
Cap-Base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	60 °
Luminous Flux (Nom)	660 lm

Luminous Intensity (Nom) 770 cd Color Designation Cool White (CW) Correlated Color Temperature (Nom) 4000 K Luminous Efficacy (rated) (Nom) 88.00 lm/W Color Consistency <6 Color Rendering Index (Nom) 90		
Correlated Color Temperature (Nom) 4000 K Luminous Efficacy (rated) (Nom) 88.00 lm/W Color Consistency <6	Luminous Intensity (Nom)	770 cd
Luminous Efficacy (rated) (Nom) 88.00 lm/W Color Consistency <6	Color Designation	Cool White (CW)
Color Consistency <6	Correlated Color Temperature (Nom)	4000 K
<u>*</u>	Luminous Efficacy (rated) (Nom)	88.00 lm/W
Color Rendering Index (Nom) 90	Color Consistency	<6
	Color Rendering Index (Nom)	90
LLMF At End Of Nominal Lifetime (Nom) $70~\%$	LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated) 660 lm	Luminous Flux in 90° Cone (Rated)	660 lm
Operating and Electrical	Operating and Electrical	
Input Frequency - Hz	Input Frequency	- Hz

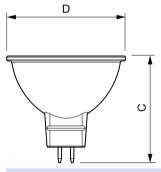
Datasheet, 2021, September 2 data subject to change

MASTER VALUE LEDspot LV

Power (Nom)	7.5 W
Lamp Current (Nom)	660 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	95℃
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Efficiency Class	F

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	453185
Product Data	
Full product code	871951430742100
Order product name	MASTER LED SPOT VLE D 7.5-50W MR16 940
	60D
EAN/UPC - Product	8719514307421
Order code	929002493702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002493702
Net Weight (Piece)	0.045 kg

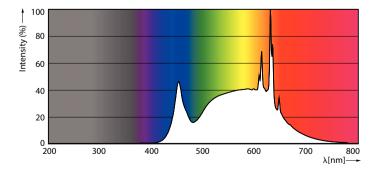
Dimensional drawing

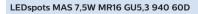


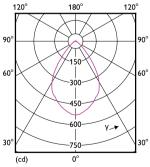
MR16 12V 7-50W 660lm 60D 4000K GU5.3 D



Photometric data



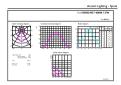




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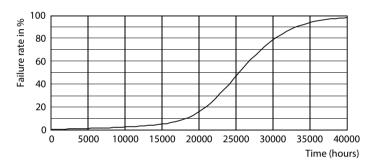
Photometric data

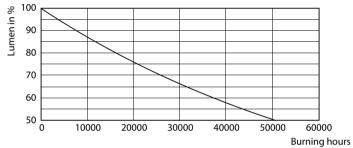


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Lifetime





LEDspots LED 25K

LEDspots LMP 25K



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