



MASTER VALUE LEDspot LV

MAS LEDspotLV VLE D 8-50W 827 MR16 36D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ 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.)

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	8-50W
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 °
Luminous Flux (Nom)	621 lm
Luminous Flux (Rated) (Nom)	621 lm
Luminous Intensity (Nom)	1250 cd
Color Designation	Warm White (WW)
Rated Beam Angle	36 °
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (Rated) (Nom)	77.63 lm/W
Color Consistency	<6

Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	621 lm
Operating and Electrical	
Power (Rated) (Nom)	8 W
Lamp Current (Nom)	1000 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	1 s
Power Factor (Nom)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	75 °C

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Controls and Dimming

Dimmable	Yes
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Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A+
Energy Consumption kWh/1000 h	9 kWh

Product Data

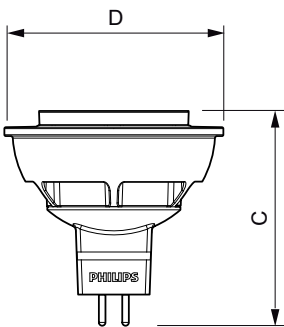
Full product code	871869657203000
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Order product name	MAS LEDspotLV VLE D 8-50W 827 MR16 36D
EAN/UPC - Product	8718696572030
Order code	929001241102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001241102
Net Weight (Piece)	0.045 kg

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

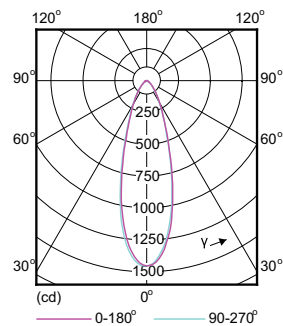
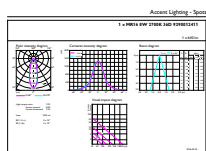
Dimensional drawing



MR16 12V 8.2W-50W 640lm36D 2700K GU5.3 D

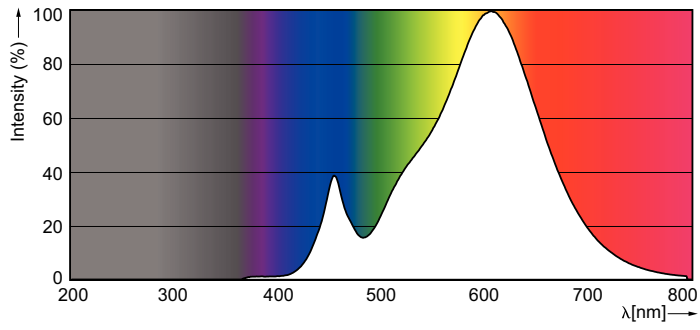
Product	D	C
MAS LEDspotLV VLE D 8-50W 827 MR16 36D	50 mm	50 mm

Photometric data



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Photometric data



VLE D 6.3-35 W GU5.3 /827 MR16

