PHILIPS Lighting



MASTER VALUE LEDs pot LV

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

Philips MASTER VALUE MR16 is the series of Low Voltage (12 VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12 V Halogen electronic transformers, it also delivers beam intensity which is equivalent to the 50 W 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 fit 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

eneral Information		Correlated Colour Temperature	270
Cap base	GU5.3 [GU5.3]	Luminous efficacy (rated) (nom.)	77.63 lm
Nominal lifetime	25,000 h	Colour consistency	<6
Switching Cycle	50,000	Colour rendering index (CRI)	80
Lighting Technology	LED	LLMF at end of nominal lifetime (no	om.) 70 %
EU RoHS compliant	Yes	Luminous flux in 90° cone (rated)	621 lm
Light Technical		Oneventing and Electrical	
Light Technical		Operating and Electrical	
Colour Code	827 [CCT of 2700K]	Power Consumption	8 W
Beam angle (nom.)	36 degree(s)	Lamp current (nom.)	1,000 mA
Luminous Flux	621 lm	Wattage equivalent	50 W
Luminous intensity (nom.)	1,250 cd	Starting time (nom.)	0.5 s
Colour designation	Warm White (WW)	Warm-up time to 60% light	1s

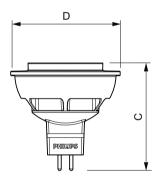
MASTER VALUE LEDspot LV

Power Factor (Fraction)	0.7
Voltage (nom.)	12 V
Temperature	
T-Case maximum (nom.)	75 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]
Approval and Application	
Energy-saving product	Yes
Suitable for accent lighting	Yes

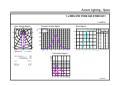
Energy consumption kWh/1,000 hours 9 kWh

Product Data		
Order product name	MAS LEDspotLV VLE D 8-50W 827 MR16 36D	
Full product name	MASTER LEDspotLV VLE D 8-50W 827 MR16	
	36D	
Full EOC	871869657203000	
Order code	57203000	
Material no. (12 NC)	929001241102	
SAP numerator – quantity per pack	1	
EAN/UPC - Product/Case	8718696572030	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718696572047	

Dimensional drawing

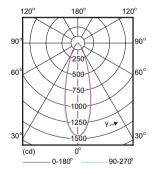


Photometric data



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



Light Distribution Diagram - MAS LEDspotLV VLE D 8-50W 827 MR16 36D

General uniform lighting - MAS LEDspotLV VLE D 8-50W 827 MR16 36D

MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 827 MR16 36D



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