PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE D 8-50W 840 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

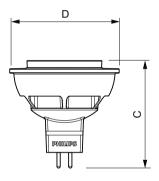
General Information		Correlated Colour Temperature	4000 K
Cap base	GU5.3 [GU5.3]	Luminous efficacy (rated) (nom.)	78.75 lm/W
Nominal lifetime	25,000 h	Colour consistency	<6
Switching Cycle	50,000	Colour rendering index (CRI)	80
Lighting Technology	LED	LLMF at end of nominal lifetime (no	om.) 70 %
EU RoHS compliant	Yes	Luminous flux in 90° cone (rated)	630 lm
Light Technical		Operating and Electrical	
Colour Code	840 [CCT of 4000K]	Power Consumption	8 W
Beam angle (nom.)	36 degree(s)	Lamp current (nom.)	1,000 mA
Luminous Flux	630 lm	Starting time (nom.)	0.5 s
Luminous intensity (nom.)	1,350 cd	Warm-up time to 60% light	1s
Colour designation	Cool White (CW)	Power Factor (Fraction)	0.7

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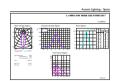
Voltage (nom.)	12 V	
Temperature		
T-Case maximum (nom.)	75 ℃	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb shape	MR16 [2 inch/50 mm]	
Approval and Application		
Energy-saving product	Yes	
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	9 kWh	

Product Data		
Order product name	MAS LEDspotLV VLE D 8-50W 840 MR16 36D	
Full product name	MASTER LEDspotLV VLE D 8-50W 840 MR16	
	36D	
Full EOC	871869657211500	
Order code	57211500	
Material no. (12 NC)	929001241702	
SAP numerator – quantity per pack	1	
EAN/UPC - Product/Case	8718696572115	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718696572122	

Dimensional drawing



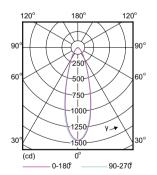
Photometric data



Caluda

General uniform lighting - MAS LEDspotLV VLE D 8-50W 840 MR16 36D

Product	D	с
MAS LEDspotLV VLE D 8-50W 840 MR16 36D	50 mm	50 mm



Light Distribution Diagram - MAS LEDspotLV VLE D 8-50W 840 MR16 36D

MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 840 MR16 36D



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