PHILIPS Lighting



MASTER VALUE LEDs pot LV

MAS LEDspotLV VLE D 8-50W 830 MR16 36D

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

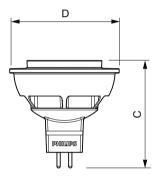
eneral Information		Correlated Color Temperature (Nom)	3000 K
ap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	77.63 lm/V
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Luminous Flux in 90° Cone (Rated)	621 lm
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power Consumption	8 W
Beam Angle (Nom)	36 degree(s)	Lamp Current (Nom)	1,000 mA
Luminous Flux	621 lm	Starting Time (Nom)	0.5 s
Luminous Intensity (Nom)	1,300 cd	Warm-up time to 60% light	1s
Color Designation	White (WH)	Power Factor (Fraction)	0.7

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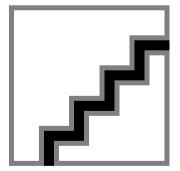
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	9 kWh		
Product Data			
Order product name	MAS LEDspotLV VLE D 8-50W 830 MR16 36D		
Full product name	MAS LEDspotLV VLE D 8-50W 830 MR16 36D		
Full product code	871869657207800		
Order code	929001241402		
Material Nr. (12NC)	929001241402		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696572078		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696572085		

Dimensional drawing

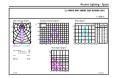


Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 830 MR16 36D

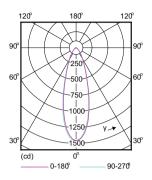
Product	D	с
MAS LEDspotLV VLE D 8-50W 830 MR16 36D	50 mm	50 mm



General uniform lighting - MAS LEDspotLV VLE D 8-50W 830 MR16 36D

MASTER VALUE LEDspot LV

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D 8-50W 830 MR16 36D



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