PHILIPS Lighting



MASTER VALUE LEDs pot LV

MAS LEDspotLV VLE D6.3-35W 830MR16 36DRN

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

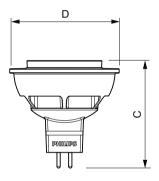
General Information		Correlated Color Temperature (Nom)	3000 K
Cap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	63 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (No	m) 70 %
EU RoHS compliant	Yes	Luminous Flux in 90° Cone (Rated)	395 lm
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power Consumption	6.3 W
Beam Angle (Nom)	36 degree(s)	Lamp Current (Nom)	800 mA
Luminous Flux	395 lm	Wattage Equivalent	35 W
Luminous Intensity (Nom)	1,000 cd	Starting Time (Nom)	0.5 s
Color Designation	White (WH)	Warm-up time to 60% light	instant full light s

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Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	100 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh

Product Data		
Order product name	MAS LEDspotLV VLE D6.3-35W 830MR16	
	36DRN	
Full product name	MAS LEDspotLV VLE D6.3-35W 830MR16	
	36DRN	
Full product code	871869649029700	
Order code	929001152202	
Material Nr. (12NC)	929001152202	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696490297	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696490303	

Dimensional drawing



ProductDCMAS LEDspotLV VLE D6.3-35W 830MR16 36DRN51 mm51 mm

Photometric data

120° 180° 120°



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 830MR16 36DRN Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 830MR16 36DRN

MASTER VALUE LEDspot LV



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