



MASTER VALUE LEDs pot LV

MAS LEDspotLV D 7-35W GU5.3 830 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.)

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

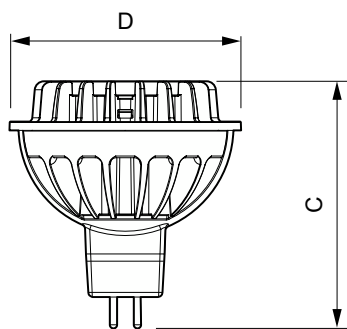
Product data

General Information		Correlated Color Temperature (Nom)	
Cap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	3000 K
Nominal lifetime	40,000 hour(s)	Color Consistency	62.86 lm/W
Switching Cycle	50,000	Color rendering index (CRI)	<6
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	80
EU RoHS compliant	Yes	Luminous Flux in 90° Cone (Rated)	70 %
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Line Frequency	400 lm
Beam Angle (Nom)	36 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	440 lm	Power Consumption	50 to 60 Hz
Luminous Intensity (Nom)	1,250 cd	Lamp Current (Nom)	7 W
Color Designation	White (WH)	Starting Time (Nom)	715 mA
			0.5 s

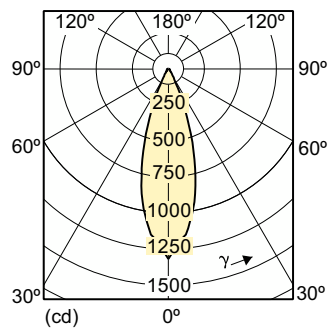
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Warm-up time to 60% light	instant full light s
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	110 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh

Dimensional drawing



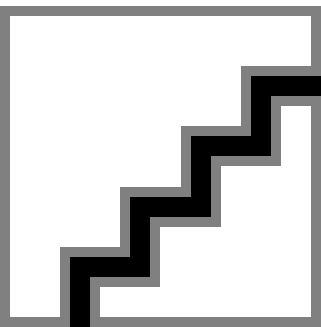
Photometric data



Light Distribution Diagram - MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D

Product Data	
Order product name	MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D
Full product name	MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D
Full product code	871829165540400
Order code	929000237702
Material Nr. (12NC)	929000237702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291655404
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291655411

Product	D	C
MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D	54 mm	50 mm



Spectral Power Distribution Colour - MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D

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