



MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE D6.3-35W 830MR16 24DRN

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			
Cap base	GU5.3 [GU5.3]	Luminous intensity (nom.)	1,800 cd
Nominal lifetime	25,000 h	Colour designation	White (WH)
Switching Cycle	50,000	Correlated Colour Temperature	3000 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	63 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Light Technical		Colour rendering index (CRI)	80
Colour Code	830 [CCT of 3000K]	LLMF at end of nominal lifetime (nom.)	70 %
Beam angle (nom.)	24 degree(s)	Luminous flux in 90° cone (rated)	395 lm
Luminous Flux	395 lm	Operating and Electrical	
		Power Consumption	6.3 W

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Lamp current (nom.)	800 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.7
Voltage (nom.)	12 V

Temperature

T-Case maximum (nom.)	100 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb shape	MR16 [2 inch/50 mm]
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Approval and Application

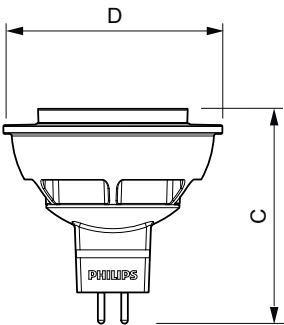
Suitable for accent lighting	Yes
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Energy consumption kWh/1,000 hours	7 kWh
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Product Data

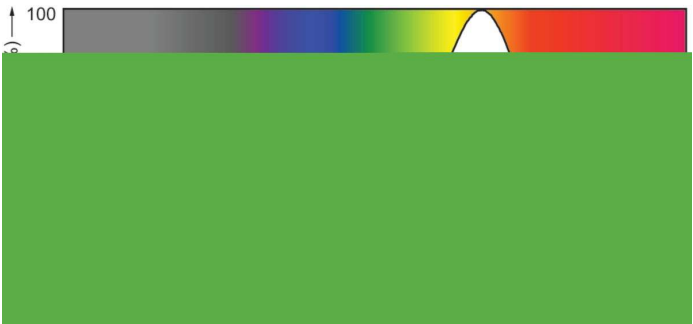
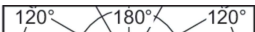
Order product name	MAS LEDspotLV VLE D6.3-35W 830MR16 24DRN
Full product name	MASTER LEDspotLV VLE D6.3-35W 830MR16 24DRN
Full EOC	871869649023500
Order code	49023500
Material no. (12 NC)	929001151802
Local order code	MLEDV6WG533024N
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696490235
Numerator – packs per outer box	10
EAN/UPC - Case	8718696490242

Dimensional drawing



Product	D	C
MAS LEDspotLV VLE D6.3-35W 830MR16 24DRN	51 mm	51 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 830MR16 24DRN

Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 830MR16 24DRN

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