



MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE D6.3-35W 827MR16 36DRN

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.)	980 cd
Nominal lifetime	25,000 h	Colour designation	Warm White (WW)
Switching Cycle	50,000	Correlated Colour Temperature	2700 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	60.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Light Technical		Colour rendering index (CRI)	80
Colour Code	827 [CCT of 2700K]	LLMF at end of nominal lifetime (nom.)	70 %
Beam angle (nom.)	36 degree(s)	Luminous flux in 90° cone (rated)	380 lm
Luminous Flux	380 lm	Operating and Electrical	
		Power Consumption	6.3 W

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Lamp current (nom.)	800 mA
Wattage equivalent	35 W
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

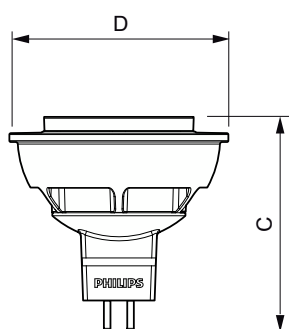
Suitable for accent lighting	Yes
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Energy consumption kWh/1,000 hours	7 kWh
EyeComfort	Yes

Product Data

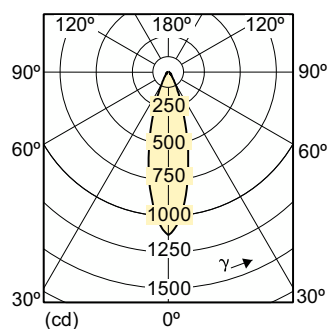
Order product name	MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN
Full product name	MASTER LEDspotLV VLE D6.3-35W 827MR16 36DRN
Full EOC	871869649027300
Order code	49027300
Material no. (12 NC)	929001151702
Local order code	MLEDV6WG532736N
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696490273
Numerator – packs per outer box	10
EAN/UPC – Case	8718696490280

Dimensional drawing

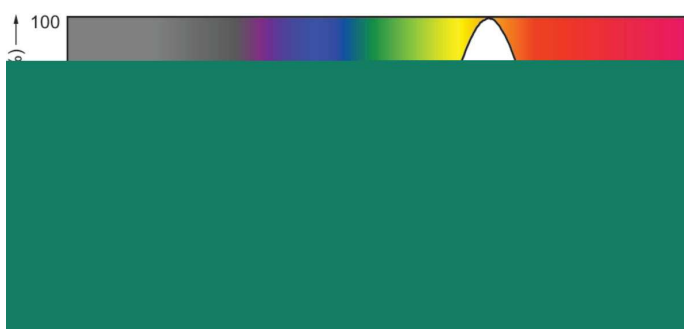


Product	D	C
MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN	50.5 mm	50.5 mm

Photometric data



Light Distribution Diagram – MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN



Spectral Power Distribution Colour – MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN

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