

MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE 3.4-20W 827 MR16 24D

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]
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	24 degree(s)
Luminous Flux	240 lm
Luminous intensity (nom.)	1,000 cd
Colour designation	Warm White (WW)

Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	65.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	220 lm

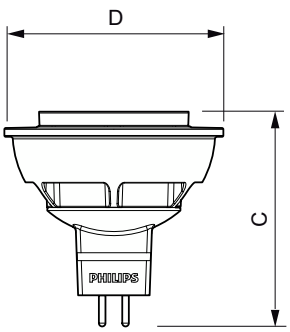
Operating and Electrical	
Power Consumption	3.4 W
Lamp current (nom.)	520 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.7

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Voltage (nom.)	12 V
Temperature	
T-Case maximum (nom.)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]
Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh

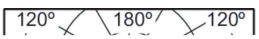
Product Data	
Order product name	MAS LEDspotLV VLE 3.4-20W 827 MR16 24D
Full product name	MASTER LEDspotLV VLE 3.4-20W 827 MR16 24D
Full EOC	871869647570600
Order code	47570600
Material no. (12 NC)	929001147402
Local order code	MLEDV4GU532724D
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696475706
Numerator – packs per outer box	10
EAN/UPC - Case	8718696475713

Dimensional drawing



Product	D	C
MAS LEDspotLV VLE 3.4-20W 827 MR16 24D	50 mm	49 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE 3.4-20W 827 MR16 24D



Spectral Power Distribution Colour - MAS LEDspotLV VLE 3.4-20W 827 MR16 24D

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2023, April 29 - data subject to change