



MASTER VALUE LEDs pot LV

MAS LEDspotLV VLE 3.4-20W 827 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

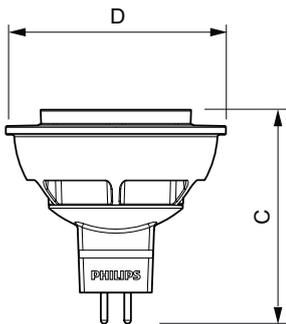
General Information		Correlated Color Temperature (Nom)	
Cap-Base	GU5.3 [GU5.3]		2700 K
Nominal lifetime	25,000 hour(s)	Luminous Efficacy (rated) (Nom)	65.00 lm/W
Switching Cycle	50,000	Color Consistency	<6
Lighting Technology	LED	Color rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	220 lm
Light Technical		Operating and Electrical	
Color Code	827 [CCT of 2700K]	Power Consumption	3.4 W
Beam Angle (Nom)	36 degree(s)	Lamp Current (Nom)	520 mA
Luminous Flux	240 lm	Wattage Equivalent	20 W
Luminous Intensity (Nom)	550 cd	Starting Time (Nom)	0.5 s
Color Designation	Warm White (WW)	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)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

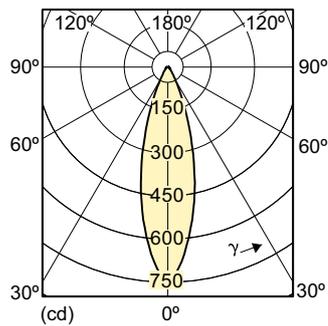
Energy Consumption kWh/1000 h	4 kWh
Product Data	
Order product name	MAS LEDspotLV VLE 3.4-20W 827 MR16 36D
Full product name	MAS LEDspotLV VLE 3.4-20W 827 MR16 36D
Full product code	871869647572000
Order code	929001147502
Material Nr. (12NC)	929001147502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696475720
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696475737

Dimensional drawing



Product	D	C
MAS LEDspotLV VLE 3.4-20W 827 MR16 36D	50 mm	49 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE 3.4-20W 827 MR16 36D



Spectral Power Distribution Colour - MAS LEDspotLV VLE 3.4-20W 827 MR16 36D

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