PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE 3.4-20W 827 MR16 36D

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

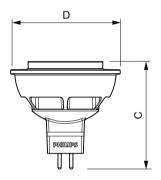
Product data

eneral Information		Correlated Colour Temperature	2700 K
Cap base	GU5.3 [GU5.3]	Luminous efficacy (rated) (nom.)	65.00 lm/W
Nominal lifetime	25,000 h	Colour consistency	<6
Switching Cycle	50,000	Colour rendering index (CRI)	80
ighting Technology	LED	LLMF at end of nominal lifetime (nom.) 70 %	
EU RoHS compliant	Yes	Luminous flux in 90° cone (rated)	220 lm
Light Technical		Operating and Electrical	
Colour 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
Colour designation	Warm White (WW)	Warm-up time to 60% light	Instant full light s

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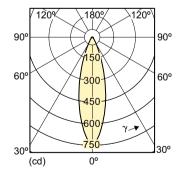
Power Factor (Fraction)	0.7	Product Data		
Voltage (nom.)	12 V	Order product name	t name MAS LEDspotLV VLE 3.4-20W 827 MR16 36	
		Full product name	MASTER LEDspotLV VLE 3.4-20W 827 MR16	
Temperature			36D	
T-Case maximum (nom.)	65 ℃	Full EOC	ull EOC 871869647572000	
		Order code	47572000	
Controls and Dimming		Material no. (12 NC)	929001147502	
Dimmable	No	Local order code	MLEDV4GU532736D	
		SAP numerator – quantity per pac	k 1	
Mechanical and Housing		EAN/UPC — Product/Case	8718696475720	
Bulb shape	MR16 [2 inch/50 mm]	Numerator – packs per outer box	10	
		EAN/UPC - Case	8718696475737	
Approval and Application				
Suitable for accent lighting	Yes			
Energy consumption kWh/1,000	hours 4 kWh			

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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