



MASTER VALUE LEDspot LV



MASTER LEDspotLV DimTone 5.8-35W 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

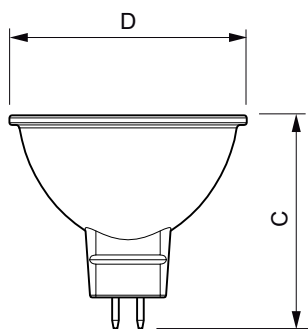
General Information	
Cap base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	25000 h
Switching cycle	50,000X
	Narrow Cone
Light Technical	
Colour Code	922-927 [CCT of 2,200 K-2,700 K]
Beam Angle (Nom)	36 °
Luminous flux (nom.)	345 lm
Luminous intensity (nom.)	800 cd
Colour designation	Warm Glow (WG)

Correlated Colour Temperature (Nom)	2200 2700 K
Luminous efficacy (rated) (nom.)	59.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	345 lm
Operating and Electrical	
Input frequency	- Hz
Power (Rated) (Nom)	5.8 W
Lamp current (nom.)	510 mA
Wattage equivalent	35 W
Starting time (nom.)	0.5 s

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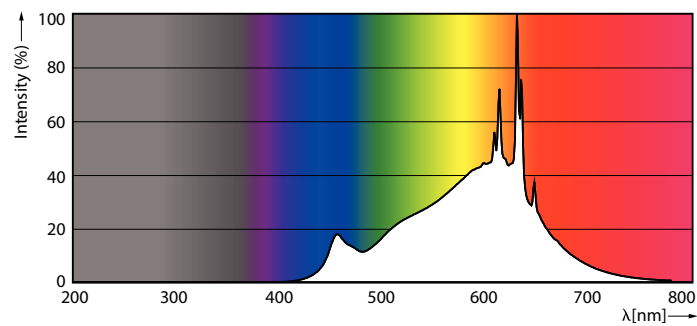
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	88 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	MR16 [2inch/50mm]
Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes

Dimensional drawing



MR16 12V 4.4-35W 345lm 36D 2200-2700K

Photometric data

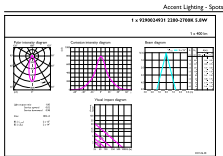


LEDspots MAS SLR 1 5,8W MR16 GU5,3 927 36D-POC

LEDspots MAS SLR 1 5,8W MR16 GU5,3 927 36D-LDD

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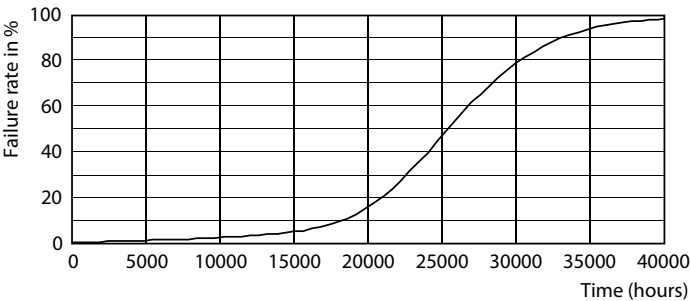
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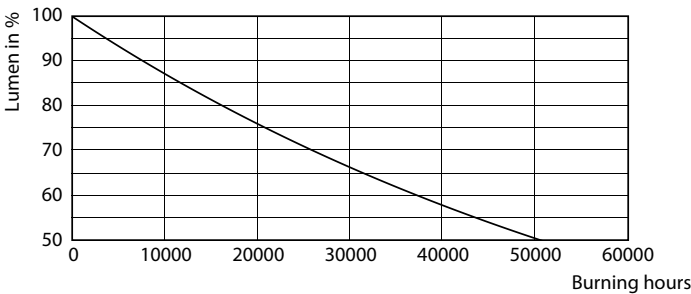
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Lifetime



LEDspots LED 25K



LEDspots LMP 25K

