



MASTER VALUE LEDs pot LV



MASTER LEDspotLV 3.5-20W 827 MR11 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

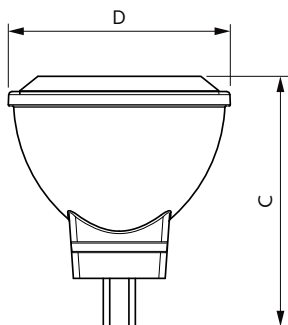
General Information		Correlated Colour Temperature (Nom)	
Cap base	GU4 [GU4]	Luminous efficacy (rated) (nom.)	2700 K
EU RoHS compliant	Yes	Colour consistency	57.00 lm/W
Nominal lifetime (nom.)	40000 h	Colour rendering index (nom.)	<6
Switching cycle	50,000X	LLMF at end of nominal lifetime (nom.)	80
	Narrow Cone	Luminous flux in 90° cone (rated)	70 %
			200 lm
Light Technical		Operating and Electrical	
Colour Code	827 [CCT of 2,700 K]	Input frequency	- Hz
Beam Angle (Nom)	24 °	Power (Rated) (Nom)	3.5 W
Luminous flux (nom.)	200 lm	Lamp current (nom.)	400 mA
Luminous intensity (nom.)	1000 cd	Wattage equivalent	20 W
Colour designation	Warm white (WW)	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.)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	MR11 [1.375inch/35mm]
Approval and Application	
Energy Efficiency Class	G

Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
	680249
Product Data	
Full product code	871951435990100
Order product name	MASTER LEDspotLV 3.5-20W 827 MR11 24D
EAN/UPC – product	8719514359901
Order code	35990100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	929003087002
SAP net weight (piece)	0.018 kg

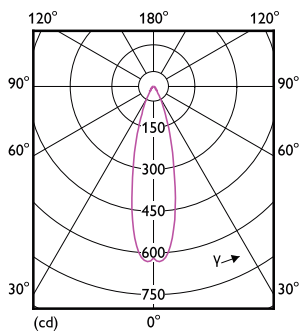
Dimensional drawing



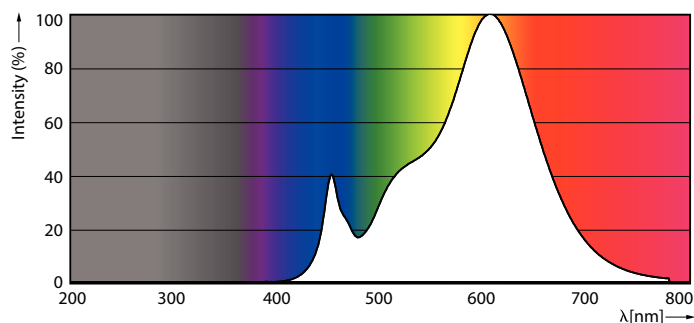
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Product	D	C
MASTER LEDspotLV 3.5-20W 827 MR11 24D	35.1 mm	39.5 mm

Photometric data



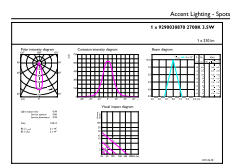
LEDspots MAS SLR 2 3,5W MR11 GU4 827 24D-LDD-LDD



LEDspots MAS SLR 2 3,5W MR11 GU4 827 24D-POC-POC

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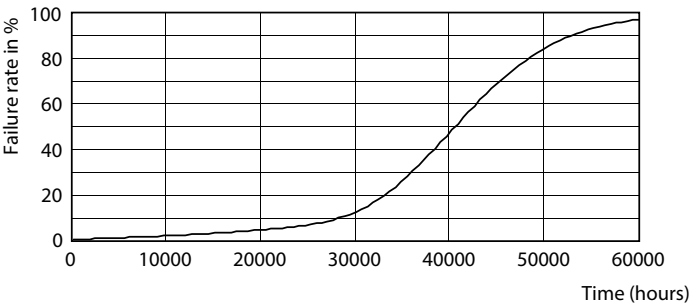
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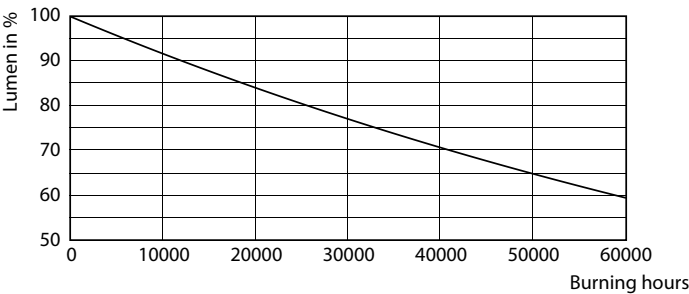
Technical Information 1.1 Philips Lighting B.V. Page 10

LEDspots MAS SLR 2 3,5W MR11 GU4 827 24D-ADL-ADL

Lifetime



LEDspots LED 40K



LEDspots LMP 40K

