



MASTER VALUE LEDspot 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	
Cap base	GU4 [GU4]
Nominal lifetime	40,000 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	210 lm
Luminous intensity (nom.)	1,000 cd
Colour designation	Warm White (WW)

Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	60.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	200 lm

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	3.5 W
Lamp current (nom.)	640 mA
Wattage equivalent	20 W

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Starting time (nom.)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.5
Voltage (nom.)	12 V

Temperature

T-Case maximum (nom.)	94 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb shape	MR11 [1.375 inch/35 mm]
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Approval and Application

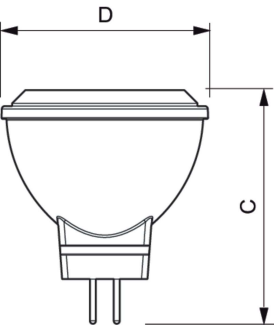
Suitable for accent lighting	Yes
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Energy consumption kWh/1,000 hours	4 kWh
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Product Data

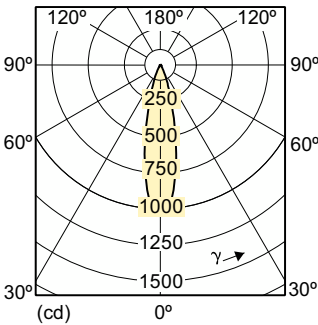
Order product name	MAS LEDspotLV 3.5-20W 827 MR11 24D
Full product name	MASTER LEDspotLV 3.5-20W 827 MR11 24D
Full EOC	871869641019600
Order code	41019600
Material no. (12 NC)	929001123802
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696410196
Numerator – packs per outer box	12
EAN/UPC - Case	8718696410202

Dimensional drawing

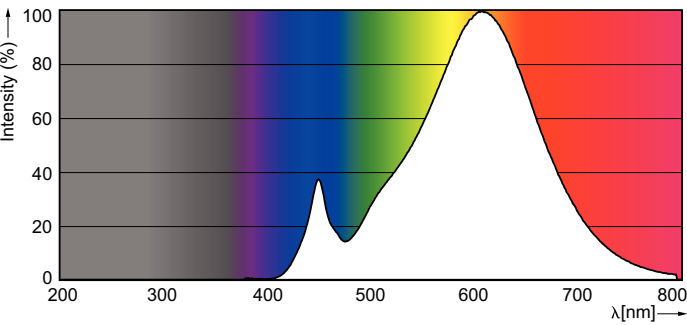


Product	D	C
MAS LEDspotLV 3.5-20W 827 MR11 24D	35 mm	40 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV 3.5-20W 827 MR11 24D



Spectral Power Distribution Colour - MAS LEDspotLV 3.5-20W 827 MR11 24D

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