PHILIPS

Lighting



MASTER VALUE LEDspot LV

MAS LEDspotLV 3.5-20W 827 MR11 24D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employs 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.)

Product data

General Information	
Cap-Base	GU4 [GU4]
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
Technical Type	3.5-20W

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	24 °
Light Distribution	-
Luminous Flux (Nom)	210 lm
Luminous Flux (Rated) (Nom)	210 lm
Luminous Intensity (Nom)	1000 cd
Color Designation	Warm White (WW)
Rated Beam Angle	24 °
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (Rated) (Nom)	60.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	200 lm

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	3.5 W
Lamp Current (Nom)	640 mA
Wattage Equivalent	20 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light
Power Factor (Nom)	0.5
Voltage (Nom)	12 V

Temperature	
T-Case Maximum (Nom)	94 °C

Controls and Dimming	
Dimmable	No

MASTER VALUE LEDspot LV

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A+
Energy Consumption kWh/1000 h	4 kWh

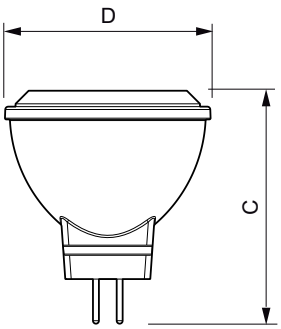
Product Data	
Full product code	871869641019600
Order product name	MAS LEDspotLV 3.5-20W 827 MR11 24D

EAN/UPC - Product	8718696410196
Order code	929001123802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	929001123802
Net Weight (Piece)	0.024 kg

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

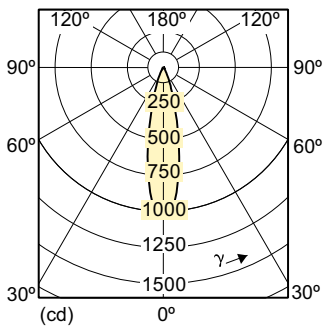
Dimensional drawing



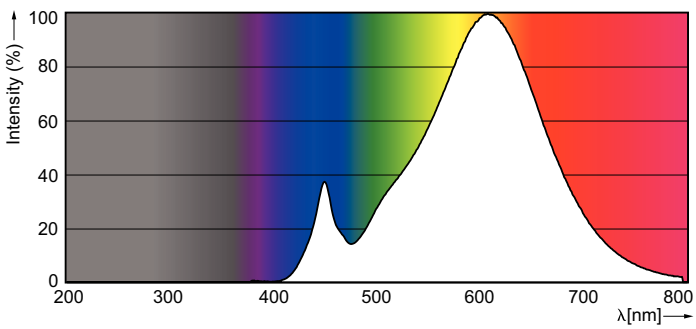
LED 3.5-20W 827 MR11 24D

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

Photometric data



3.5-20 W GU4 MR11 /827 24D



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www.lighting.philips.com
2018, May 18 - data subject to change