



MASTER VALUE LEDs pot 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 employ 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.)

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 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	210 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	Warm White (WW)

Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	60.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	200 lm

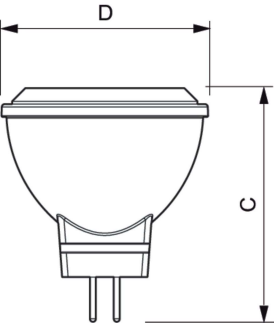
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	3.5 W
Lamp Current (Nom)	640 mA
Wattage Equivalent	20 W

MASTER VALUE LEDspot LV

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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR11 [1.375inch/35mm]
Approval and Application	
Suitable For Accent Lighting	Yes

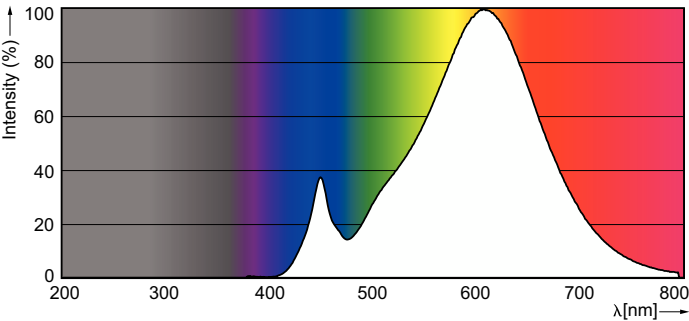
Energy Consumption kWh/1000 h	4 kWh
Product Data	
Order product name	MAS LEDspotLV 3.5-20W 827 MR11 24D
Full product name	MAS LEDspotLV 3.5-20W 827 MR11 24D
Full product code	871869641019600
Order code	929001123802
Material Nr. (12NC)	929001123802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	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

MASTER VALUE LEDspot LV

