PHILIPS Lighting



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 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.)

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

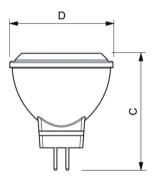
General Information		Correlated Color Temperature (Nom)	2700
Cap-Base	GU4 [GU4]	Luminous Efficacy (rated) (Nom)	60.00 l
Nominal lifetime	40,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Luminous Flux in 90° Cone (Rated)	200 lm
Light Technical		Operating and Electrical	
Color Code	827 [CCT of 2700K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	24 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	210 lm	Power Consumption	3.5 W
Luminous Intensity (Nom)	1,000 cd	Lamp Current (Nom)	640 mA
Color Designation	Warm White (WW)	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	
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	с
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

100 60 40 20 0 200 300 400 500 600 700 800 $\lambda[nm] \rightarrow$

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

MASTER VALUE LEDspot LV



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