



# 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.)

#### **Product data**

General Information		
Cap-Base	GU4 [ GU4]	
EU RoHS compliant	Yes	
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 °	
Luminous Flux (Nom)	210 lm	
Luminous Intensity (Nom)	1000 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 (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
	•	

Luminaua Fluu in 00° Cana (Batad)	200 lm
Luminous Flux in 90° Cone (Rated)	200 (11)
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (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

Datasheet, 2020, June 18 data subject to change

# **MASTER VALUE LEDspot LV**

Approval and Application		
Energy Efficiency Label (EEL)	Α+	
Suitable For Accent Lighting	Yes	
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

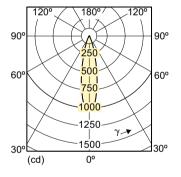
## Dimensional drawing

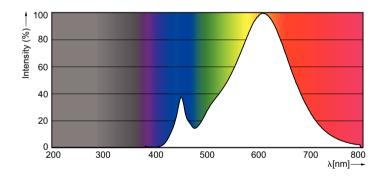
, D .

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

#### LED 3.5-20W 827 MR11 24D

### Photometric data





 ${\bf SDPO\_LEDspotL\_0006\text{-}Spectral\ Power\ distribution}$ 



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.