

MASTER VALUE LEDs pot LV

MASTER 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		
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 %
Luminous Flux in 90° Cone (Rated)	200 lm
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

2700 K

Correlated Color Temperature (Nom)

Datasheet, 2021, January 20 data subject to change

MASTER VALUE LEDspot LV

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 ℃	
Controls and Dimming		
Dimmable	No	
Approval and Application		
Energy Efficiency Label (EEL)	A+	
Suitable For Accent Lighting	Yes	

Energy Consumption kWh/1000 h	4 kWh	
Product Data		
Full product code	871869641019600	
Order product name	MASTER 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	

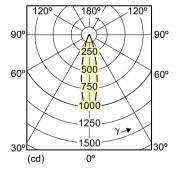
Dimensional drawing

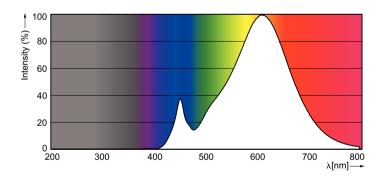
, D .

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

LED 3.5-20W 827 MR11 24D

Photometric data





SDPO_LEDspotL_0006-Spectral Power distribution

MASTER VALUE LEDspot LV



© 2021 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.