



MASTER VALUE LEDs pot LV

MAS LEDspotLV VLE 3.4-20W 830 MR16 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	GU5.3 [GU5.3]	
Nominal Lifetime (Nom)	25000 h	
Switching Cycle	50000X	
Technical Type	3.4-20W	
Light Technical		
Color Code	830 [CCT of 3000K]	
Beam Angle (Nom)	24 °	
Light Distribution	Medium beam 24°	
Luminous Flux (Nom)	240 lm	
Luminous Flux (Rated) (Nom)	240 lm	
Luminous Intensity (Nom)	1000 cd	
Color Designation	White (WH)	
Rated Beam Angle	24 °	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	65.00 lm/W	
Color Consistency	<6	
Color Rendering Index (Nom)	80	

LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	225 lm
Operating and Electrical	
Power (Rated) (Nom)	3.4 W
Lamp Current (Nom)	520 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light
Power Factor (Nom)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy Efficiency Label (EEL)	A+

Datasheet, 2019, April 2 data subject to change

MASTER VALUE LEDspot LV

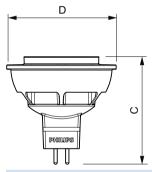
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	4 kWh	
Product Data		
Full product code	871869647576800	
Order product name	MAS LEDspotLV VLE 3.4-20W 830 MR16 24D	
EAN/UPC - Product	8718696475768	

Order code	929001147702	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	10	
Material Nr. (12NC)	929001147702	
Net Weight (Piece)	0.035 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

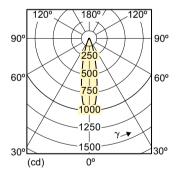
Dimensional drawing



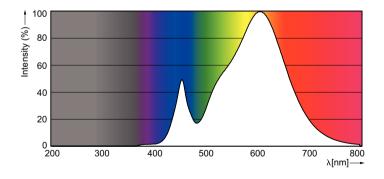
LED VLE 3.4-20W GU5.3 830 MR16 24D

Product	D	С
MAS LEDspotLV VLE 3.4-20W 830 MR16 24D	50 mm	49 mm

Photometric data



VLE 3.4-20W GU5.3 830 MR16 24D



VLE 3.4-20W GU5.3 830 MR16

MASTER VALUE LEDspot LV



© 2019 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.