

MASTER VALUE LEDs pot LV

MASTER LED 7-50W 830 MR16 24D Dim

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	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	440 lm
Luminous Intensity (Nom)	2,200 cd
Color Designation	White (WH)

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	58.57 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	410 lm

Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	720 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.7

MASTER VALUE LEDspot LV

Voltage (Nom)	12 V

Energy Consumption kWh/1000 h	8 kWh

Temperature	
T-Case Maximum (Nom)	92 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

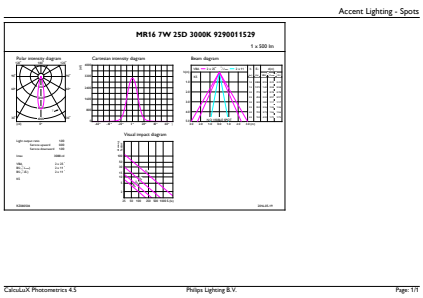
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes

Product Data	
Order product name	MASTER LED 7-50W 830 MR16 24D Dim
Full product name	MASTER LED 7-50W 830 MR16 24D Dim
Full product code	871869648959800
Order code	929001152908
Material Nr. (12NC)	929001152908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489598
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696489604

Dimensional drawing

Product	D	C
MASTER LED 7-50W 830 MR16 24D Dim	51 mm	51 mm

Photometric data



General uniform lighting - MASTER LED 7-50W 830 MR16 24D Dim

Light Distribution Diagram - MASTER LED 7-50W 830 MR16 24D Dim

MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MASTER LED 7-50W 830 MR16 24D Dim

© 2023 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.