PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LEDspotLV VLE D6.3-35W 827MR16 24DRN

Philips MASTER VALUE MR16 is the series of Low Voltage (12 VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12 V Halogen electronic transformers, it also delivers beam intensity which is equivalent to the 50 W 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 fit 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

Information		Luminous intensity (nom.)	1,800 cd
p base	GU5.3 [GU5.3]	Colour designation	Warm White (WW)
ominal lifetime	25,000 h	Correlated Colour Temperature	2700 K
vitching Cycle	50,000	Luminous efficacy (rated) (nom.)	60.00 lm/W
ighting Technology	LED	Colour consistency	<6
U RoHS compliant	Yes	Colour rendering index (CRI)	80
		LLMF at end of nominal lifetime (nom.) 70 %	
ight Technical		Luminous flux in 90° cone (rated)	380 lm
Colour Code	827 [CCT of 2700K]		
Beam angle (nom.)	24 degree(s)	Operating and Electrical	
uminous Flux	380 lm	Power Consumption	6.3 W

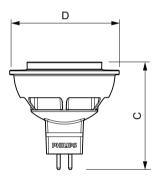
MASTER VALUE LEDspot LV

Lamp current (nom.)	800 mA	
Starting time (nom.)	0.5 s	
Warm-up time to 60% light	Instant full light s	
Power Factor (Fraction)	0.7	
Voltage (nom.)	12 V	
Temperature		
T-Case maximum (nom.)	100 °C	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb shape	MR16 [2 inch/50 mm]	
Approval and Application		
Suitable for accent lighting	Yes	

Product Data		
Order product name	MAS LEDspotLV VLE D6.3-35W 827MR16	
	24DRN	
Full product name	MASTER LEDspotLV VLE D6.3-35W 827MR16	
	24DRN	
Full EOC	871869649021100	
Order code	49021100	
Material no. (12 NC)	929001152102	
Local order code	MLEDV6WG532724N	
SAP numerator - quantity per pack	1	
EAN/UPC — Product/Case	8718696490211	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718696490228	

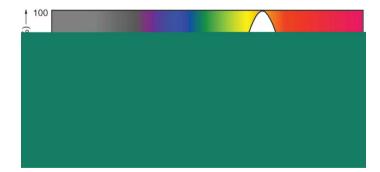
Energy consumption kWh/1,000 hours 7 kWh

Dimensional drawing



Product	D	С
MAS LEDspotLV VLE D6.3-35W 827MR16 24DRN	50.5 mm	50.5 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 827MR16 24DRN

Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 827MR16 24DRN

MASTER VALUE LEDspot LV



© 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.

www.lighting.philips.com 2023, April 29 - data subject to change