PHILIPS Lighting



A ↑ G

G

MASTER VALUE LEDs pot LV

MASTER LED spot VLE D 5.8-35W MR16 927 36D

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

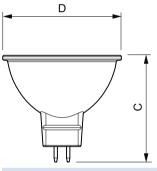
Product data

eneral Information		Correlated Colour Temperature (Nom)
p base	GU5.3 [GU5.3]	Luminous efficacy (rated) (nom.)	
EU RoHS compliant	Yes	Colour consistency	<6
ominal lifetime (nom.)	25000 h	Colour rendering index (nom.)	90
Switching cycle	50,000X	LLMF at end of nominal lifetime (nom	.) 70 %
	Narrow Cone	Luminous flux in 90° cone (rated)	450 lm
Light Technical		Operating and Electrical	
Colour Code	927 [CCT of 2,700 K]	Input frequency	– Hz
Beam Angle (Nom)	36 °	Power (Rated) (Nom)	5.8 W
Luminous flux (nom.)	450 lm	Lamp current (nom.)	510 mA
Luminous intensity (nom.)	1300 cd	Wattage equivalent	35 W
Colour designation	Warm white (WW)	Starting time (nom.)	0.5 s

MASTER VALUE LEDspot LV

Warm-up time to 60% light (nom.) 0.5 s		Energy consumption kWh/1,000 hours 6 kWh		
Power factor (nom.)	0.7		453173	
Voltage (Nom)	ac electronic 12 V			
		Product Data		
Temperature		Full product code	871951430718600	
T-Case maximum (nom.)	85 ℃	Order product name	MASTER LED spot VLE D 5.8-35W MR16 927	
			36D	
Controls and Dimming		EAN/UPC – product	8719514307186	
Dimmable	Only with specific dimmers	Order code	30718600	
		SAP numerator – quantity per pack	1	
Mechanical and Housing		Numerator – packs per outer box	10	
Bulb shape	MR16 [2inch/50mm]	SAP material	929002492502	
		SAP net weight (piece)	0.045 kg	
Approval and Application				
Energy Efficiency Class	G			
Suitable for accent lighting	Yes			

Dimensional drawing

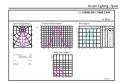


 Product
 D
 C

 MASTER LED spot VLE D 5.8-35W MR16 927 36D
 50.5 mm
 45.5 mm

MASTER LED spot VLE D 5.8-35W MR16 927 36D

Photometric data



New Fallence B V

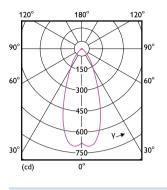
100 100 100 40 20 0 200 300 400 500 600 700 800 λ[nm]→

LEDspots MAS 5,8W MR16 GU5,3 927 36D

LEDspots MAS 5,8W MR16 GU5,3 927 36D

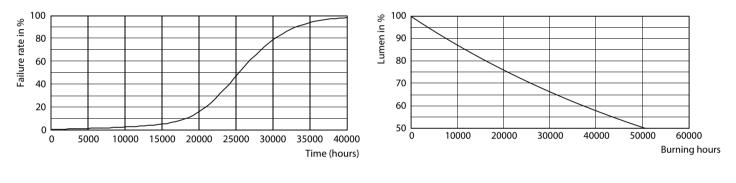
MASTER VALUE LEDspot LV

Photometric data



LEDspots MAS 5,8W MR16 GU5,3 927 36D

Lifetime



LEDspots LED 25K

LEDspots LMP 25K



© 2022 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 2022, January 11 - data subject to change