PHILIPS Lighting



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MASTER VALUE LEDs pot LV

MASTER LED SPOT VLE D 7.5-50W MR16 930 36D

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

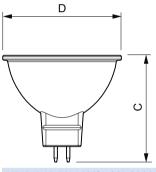
Product data

neral Information		Correlated Color Temperature (Nom)	30
-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	84.00 lm
RoHS compliant	Yes	Color Consistency	<6
ominal Lifetime (Nom)	25000 h	Color Rendering Index (Nom)	90
witching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nor	m) 70 %
Flux measurement reference	Narrow Cone	Luminous Flux in 90° Cone (Rated)	630 lm
Light Technical		Operating and Electrical	
Color Code	930 [CCT of 3000K]	Input Frequency	- Hz
Beam Angle (Nom)	36 °	Power (Nom)	7.5 W
Luminous Flux (Nom)	630 lm	Lamp Current (Nom)	660 mA
Luminous Intensity (Nom)	1600 cd	Wattage Equivalent	50 W
Color Designation	White (WH)	Starting Time (Nom)	0.5 s

MASTER VALUE LEDspot LV

Warm Up Time to 60% Light (Nom)	0.5 s	Energy Consumption kWh/1000 h	8 kWh	
Power Factor (Nom)	0.7	EPREL Registration Number	453181	
Voltage (Nom)	ac electronic 12 V			
		Product Data		
Temperature		Full product code	871951430734600	
T-Case Maximum (Nom)	95 °C	Order product name	MASTER LED SPOT VLE D 7.5-50W MR16 930	
			36D	
Controls and Dimming		EAN/UPC - Product	8719514307346	
Dimmable	Only with specific dimmers	Order code	929002493302	
		Numerator - Quantity Per Pack	1	
Mechanical and Housing		Numerator - Packs per outer box	10	
Bulb Shape	MR16 [2inch/50mm]	Material Nr. (12NC)	929002493302	
		Net Weight (Piece)	0.045 kg	
Approval and Application				
Energy Efficiency Class	F			
Suitable For Accent Lighting	Yes			

Dimensional drawing

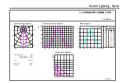


 Product
 D
 C

 MASTER LED SPOT VLE D 7.5-50W MR16 930 36D
 50.5 mm
 45.5 mm

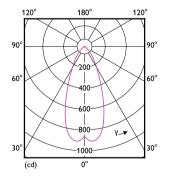
MR16 12V 7-50W 630lm 36D 3000K GU5.3 D

Photometric data



May Labora B.V.

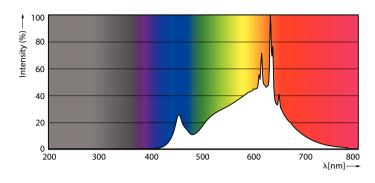
LEDspots MAS 7,5W MR16 GU5,3 930 36D



LEDspots MAS 7,5W MR16 GU5,3 930 36D

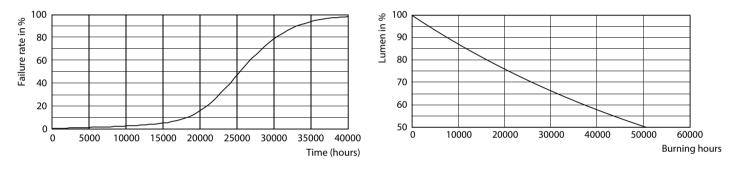
MASTER VALUE LEDspot LV

Photometric data



LEDspots MAS 7,5W MR16 GU5,3 930 36D

Lifetime



LEDspots LED 25K

LEDspots LMP 25K



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