



MASTER VALUE LEDs pot LV

MASTER LED SPOT VLE D 7-50W MR16 830 36D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ 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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	7-50W

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 °
Luminous Flux (Nom)	630 lm
Luminous Intensity (Nom)	1500 cd
Color Designation	White (WH)

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	90.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	630 lm

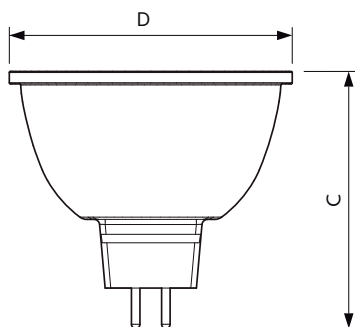
Operating and Electrical	
Input Frequency	- Hz
Power (Nom)	7 W
Lamp Current (Nom)	770 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s

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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.8
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	8 kWh
Product Data	
Full product code	871869681556400
Order product name	MASTER LED SPOT VLE D 7-50W MR16 830 36D
EAN/UPC - Product	8718696815564
Order code	929001903502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001903502
Net Weight (Piece)	0.030 kg

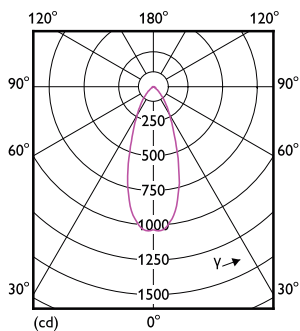
Dimensional drawing



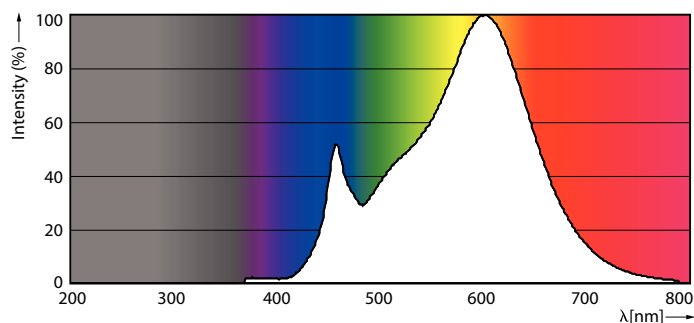
MR16 12V 7W-50W 621lm 36D 3000K GU5.3 D

Product	D	C
MASTER LED SPOT VLE D 7-50W MR16 830 36D	50.5 mm	45 mm

Photometric data



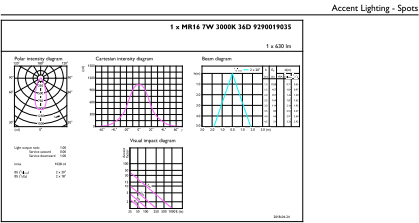
LEDspot MAS VLE 7-50W GU5.3 MR16 830 36D DIM



LEDspot Corepro 7-50W GU5.3 MR16 830 36D ND

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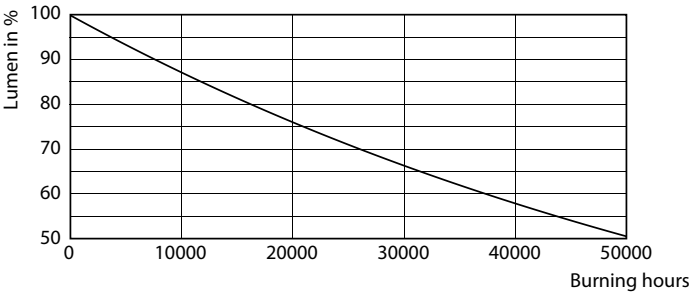
Photometric data



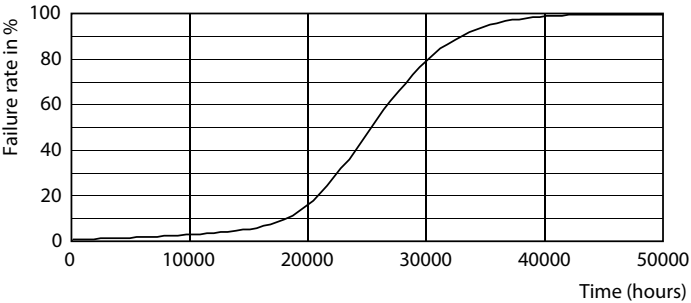
Calculation: Photometrics 4.3 Philips Lighting B.V. Page: 1/1

LEDspot MAS VLE 7-50W GU5.3 MR16 830 36D DIM

Lifetime



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LEDspot MAS VLE 7-50W GU5.3 MR16 830 36D DIM

