PHILIPS

Lighting



MASTER VALUE LEDspot LV

MAS 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 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.)

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
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 Flux (Rated) (Nom)	630 lm
Luminous Intensity (Nom)	1700 cd
Color Designation	White (WH)
Rated Beam Angle	36 °
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	
Power (Rated) (Nom)	7 W
Lamp Current (Nom)	760 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.8
Voltage (Nom)	ac Electronic 12 V

Temperature	
T-Case Maximum (Nom)	105 °C

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Controls and Dimming	
Dimmable	Yes

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A+
Energy Consumption kWh/1000 h	8 kWh

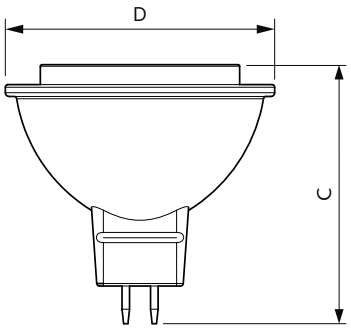
Product Data	
Full product code	871869670837800

Order product name	MAS LED spot VLE D 7-50W MR16 830 36D
EAN/UPC - Product	8718696708378
Order code	929001326602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001326602
Net Weight (Piece)	0.045 kg

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

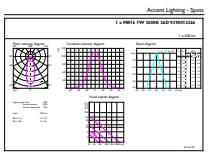
Dimensional drawing

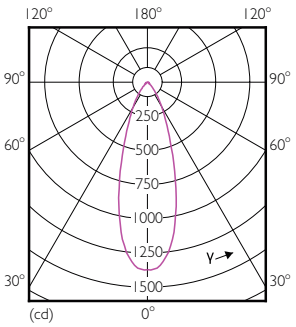


MR16 12V 7.5W-50W 36D 3000K GU5.3 D

Product	D	C
MAS LED spot VLE D 7-50W MR16 830 36D	50.5 mm	49.5 mm

Photometric data

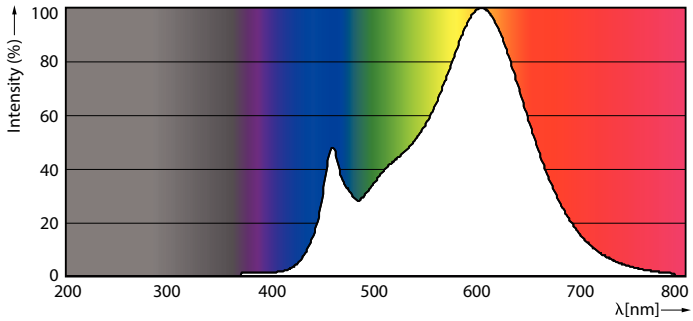




MAS VLE LEDspotLV 50W GU5-3 830 36D MR16

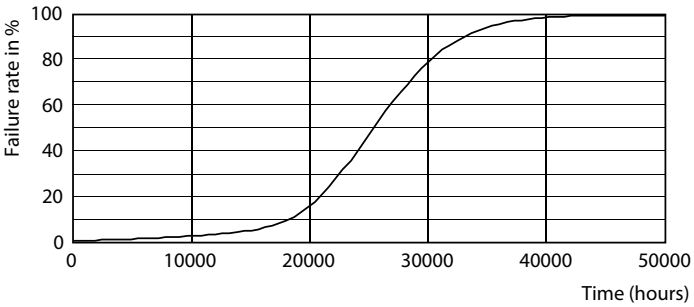
MASTER VALUE LEDspot LV

Photometric data

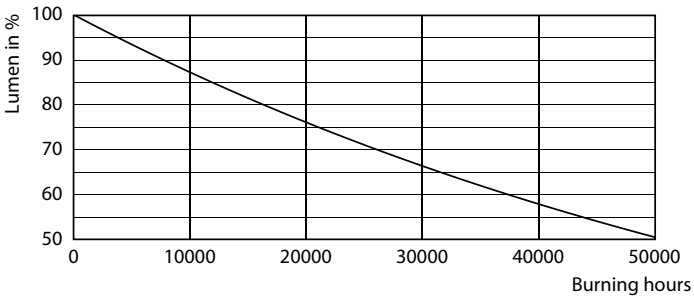


MAS VLE LEDspotLV 35W GU5-3 830 36D MR16

Lifetime



MAS VLE LEDspotLV 35W GU5-3 827 36D MR16



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