

MASTER VALUE LEDs pot LV

MAS LEDspotLV D 7-35W 927 MR16 24D

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

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	927
Beam Angle (Nom)	24 degree(s)
Luminous Flux	400 lm
Luminous Intensity (Nom)	2,100 cd
Color Designation	Warm White (WW)

Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	57.14 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	400 lm

Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	720 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.7

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Voltage (Nom)	12 V

Energy Consumption kWh/1000 h	8 kWh

Temperature	
T-Case Maximum (Nom)	92 °C

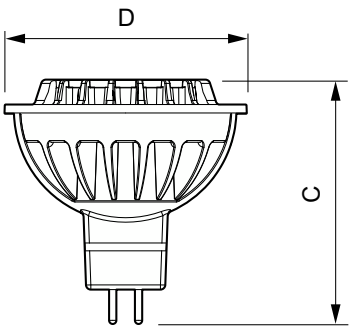
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes

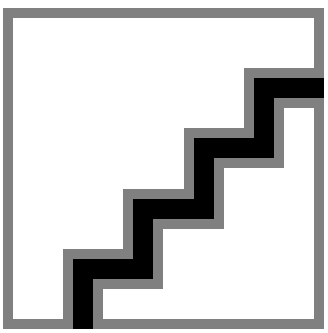
Product Data	
Order product name	MAS LEDspotLV D 7-35W 927 MR16 24D
Full product name	MAS LEDspotLV D 7-35W 927 MR16 24D
Full product code	871869665923600
Order code	929001152832
Material Nr. (12NC)	929001152832
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696659236
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696659243

Dimensional drawing

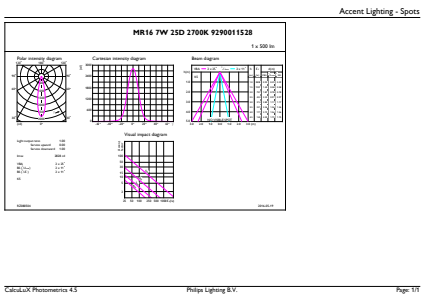


Product	D	C
MAS LEDspotLV D 7-35W 927 MR16 24D	51 mm	51 mm

Photometric data



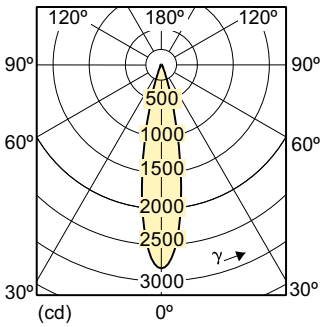
Spectral Power Distribution Colour - MAS LEDspotLV D 7-35W 927 MR16 24D



General uniform lighting - MAS LEDspotLV D 7-35W 927 MR16 24D

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Photometric data



Light Distribution Diagram - MAS LEDspotLV D 7-35W 927 MR16 24D

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