



MASTER VALUE LEDs pot LV

MAS LEDspotLV D 7-35W 827 MR16 60D

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]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	420 lm
Luminous Intensity (Nom)	440 cd
Color Designation	Warm White (WW)

Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	51 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	360 lm

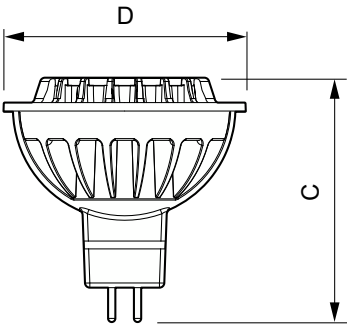
Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	720 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7

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Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	102 °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

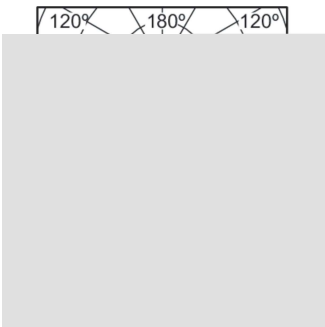
Product Data	
Order product name	MAS LEDspotLV D 7-35W 827 MR16 60D
Full product name	MAS LEDspotLV D 7-35W 827 MR16 60D
Full product code	871869648945100
Order code	929001153402
Material Nr. (12NC)	929001153402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489451
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696489468

Dimensional drawing

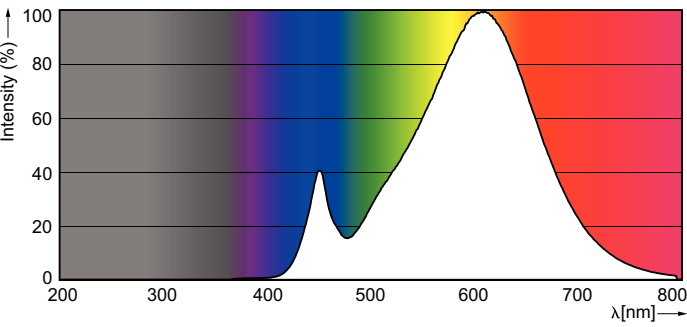


Product	D	C
MAS LEDspotLV D 7-35W 827 MR16 60D	50.5 mm	50.5 mm

Photometric data



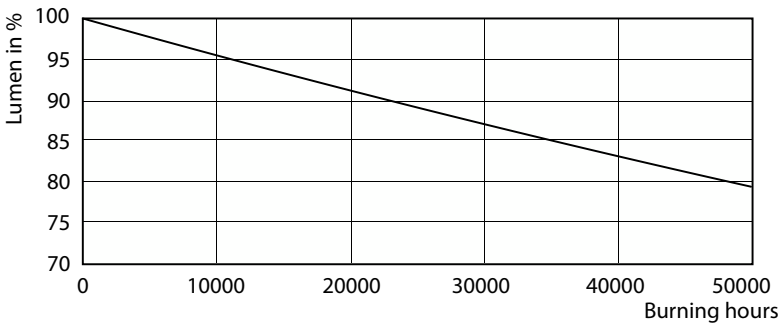
Light Distribution Diagram - MAS LEDspotLV D 7-35W 827 MR16 60D



Spectral Power Distribution Colour - MAS LEDspotLV D 7-35W 827 MR16 60D

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Lifetime



Lumen Maintenance Diagram - MAS LEDspotLV D 7-35W 827 MR16 60D

