



# MASTER VALUE LEDs pot LV

## MAS LEDspotLV D 7-35W GU5.3 827 MR16 24D

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

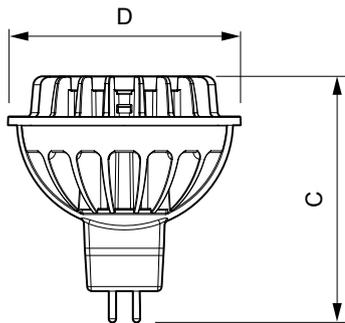
General Information		Correlated Color Temperature (Nom)	
Cap-Base	GU5.3 [GU5.3]	Correlated Color Temperature (Nom)	2700 K
Nominal lifetime	40,000 hour(s)	Luminous Efficacy (rated) (Nom)	60.00 lm/W
Switching Cycle	50,000	Color Consistency	<6
Lighting Technology	LED	Color rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	400 lm
Light Technical		Operating and Electrical	
Color Code	827 [CCT of 2700K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	24 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	420 lm	Power Consumption	7 W
Luminous Intensity (Nom)	2,100 cd	Lamp Current (Nom)	715 mA
Color Designation	Warm White (WW)	Wattage Equivalent	35 W

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Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Voltage (Nom)	12 V
<b>Temperature</b>	
T-Case Maximum (Nom)	110 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb Shape	MR16 [2inch/50mm]
<b>Approval and Application</b>	
Suitable For Accent Lighting	Yes

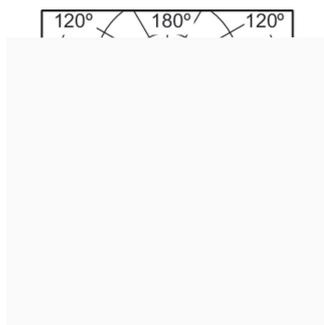
Energy Consumption kWh/1000 h	8 kWh
<b>Product Data</b>	
Order product name	MAS LEDspotLV D 7-35W GU5.3 827 MR16 24D
Full product name	MAS LEDspotLV D 7-35W GU5.3 827 MR16 24D
Full product code	871829165447600
Order code	929000237302
Material Nr. (12NC)	929000237302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291654476
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291654483

## Dimensional drawing



Product	D	C
MAS LEDspotLV D 7-35W GU5.3 827 MR16 24D	54 mm	50 mm

## Photometric data



Light Distribution Diagram - MAS LEDspotLV D 7-35W GU5.3 827 MR16 24D



Spectral Power Distribution Colour - MAS LEDspotLV D 7-35W GU5.3 827 MR16 24D

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