



# MASTER VALUE LEDs pot LV

## MAS LEDspotLV D 7-35W 827 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.)

#### **Product data**

General Information		
Cap-Base	GU5.3 [ GU5.3]	
Nominal Lifetime (Nom)	40000 h	
Switching Cycle	50000X	
Technical Type	7-35W	
Light Technical		
Color Code	827 [ CCT of 2700K]	
Beam Angle (Nom)	24 °	
Light Distribution	Medium beam 24°	
Luminous Flux (Nom)	420 lm	
Luminous Intensity (Nom)	2100 cd	
Color Designation	Warm White (WW)	
Rated Beam Angle	24 °	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	57.14 lm/W	
Color Consistency	<6	
Color Rendering Index (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
3		

Luminous Flux in 90° Cone (Rated)	400 lm
Operating and Electrical	
Power (Rated) (Nom)	7 W
Lamp Current (Nom)	720 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	1 s
Power Factor (Nom)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 ℃
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Efficiency Label (EEL)	A
Energy Saving Product	Yes

Datasheet, 2019, September 3 data subject to change

# **MASTER VALUE LEDspot LV**

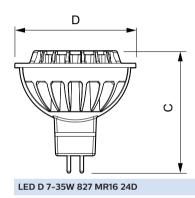
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	8 kWh	
Product Data		
Full product code	871869648878200	
Order product name	MAS LEDspotLV D 7-35W 827 MR16 24D	
EAN/UPC - Product	8718696488782	

Order code	929001152802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001152802
Net Weight (Piece)	0.045 kg

## **Warnings and Safety**

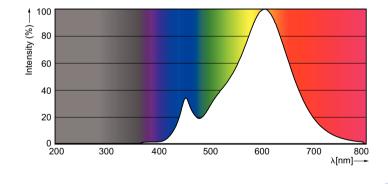
- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

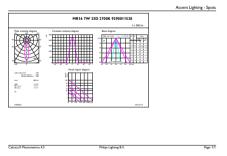
## Dimensional drawing



Product	D	С
MAS LEDspotLV D 7-35W 827 MR16 24D	51 mm	51 mm

#### Photometric data

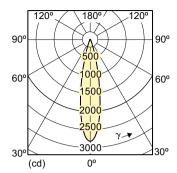




LEDspot 7-50W MR16 GU5.3 2700K 420lm 24D

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### Photometric data





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