



MASTER VALUE LEDs pot LV

MAS LEDspotLV D 7-35W 927 MR16 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.)

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) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd Color Designation Warm White (WW)		
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) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	General Information	
Switching Cycle 50,000 Lighting Technology LED EU RoHS compliant Yes Light Technical Color Code 927 Beam Angle (Nom) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	Cap-Base	GU5.3 [GU5.3]
Lighting Technology EU RoHS compliant Yes Light Technical Color Code 927 Beam Angle (Nom) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	Nominal lifetime	40,000 hour(s)
EU RoHS compliant Yes Light Technical Color Code 927 Beam Angle (Nom) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	Switching Cycle	50,000
Light Technical Color Code 927 Beam Angle (Nom) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	Lighting Technology	LED
Color Code 927 Beam Angle (Nom) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	EU RoHS compliant	Yes
Color Code 927 Beam Angle (Nom) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd		
Beam Angle (Nom) 36 degree(s) Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	Light Technical	
Luminous Flux 400 lm Luminous Intensity (Nom) 1,150 cd	Color Code	927
Luminous Intensity (Nom) 1,150 cd	Beam Angle (Nom)	36 degree(s)
	Luminous Flux	400 lm
Color Designation Warm White (WW)	Luminous Intensity (Nom)	1,150 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
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s

1 s

Datasheet, 2023, November 12 data subject to change

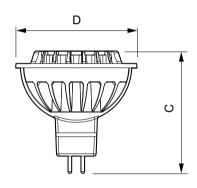
Warm-up time to 60% light

MASTER VALUE LEDspot LV

Power Factor (Fraction)	0.7	
Voltage (Nom)	12 V	
Temperature		
T-Case Maximum (Nom)	92℃	
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	

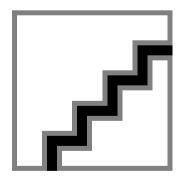
	0.1344	
Energy Consumption kWh/1000 h	8 kWh	
EyeComfort	Yes	
Product Data		
Order product name	MAS LEDspotLV D 7-35W 927 MR16 36D	
Full product name	MAS LEDspotLV D 7-35W 927 MR16 36D	
Full product code	871869665925000	
Order code	929001153132	
Material Nr. (12NC)	929001153132	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696659250	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696659267	

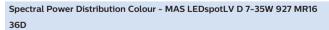
Dimensional drawing

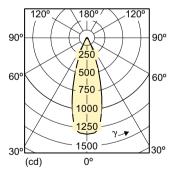


Product	D	С
MAS LEDspotLV D 7-35W 927 MR16 36D	51 mm	51 mm

Photometric data



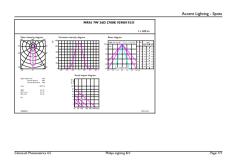




Light Distribution Diagram - MAS LEDspotLV D 7-35W 927 MR16 36D

MASTER VALUE LEDspot LV

Photometric data



General uniform lighting - MAS LEDspotLV D 7-35W 927 MR16 36D



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