PHILIPS Lighting



MASTER VALUE LEDs pot LV

MAS LEDspotLV D 7-35W 940 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

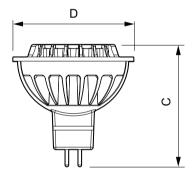
General Information		Correlated Color Temperature (Nom)	4000 K
Cap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	60.71 lm/\
Nominal lifetime	40,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	90
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Luminous Flux in 90° Cone (Rated)	425 lm
Light Technical		Operating and Electrical	
Color Code	940 [CCT of 4000K]	Power Consumption	7 W
Beam Angle (Nom)	36 degree(s)	Lamp Current (Nom)	720 mA
Luminous Flux	425 lm	Starting Time (Nom)	0.5 s
Luminous Intensity (Nom)	1,250 cd	Warm-up time to 60% light	1s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.7

MASTER VALUE LEDspot LV

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

Energy Consumption kWh/1000 h	8 kWh		
Product Data			
Order product name	MAS LEDspotLV D 7-35W 940 MR16 36D		
Full product name	MAS LEDspotLV D 7-35W 940 MR16 36D		
Full product code	871869665937300		
Order code	929001153332		
Material Nr. (12NC)	929001153332		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696659373		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696659380		

Dimensional drawing



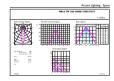
MAS LEDspotLV D 7-35W 940 MR16 36D	51 mm	51 mm

D

с

Photometric data

 $120^{\circ} \swarrow 180^{\circ} \searrow 120^{\circ}$



Product

Light Distribution Diagram - MAS LEDspotLV D 7-35W 940 MR16 36D

General uniform lighting - MAS LEDspotLV D 7-35W 940 MR16 36D

MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV D 7-35W 940 MR16 36D



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