PHILIPS

Lighting



MASTER VALUE LEDspot 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.)

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	940 [CCT of 4000K]
Beam Angle (Nom)	36 °
Light Distribution	Medium beam 36°
Luminous Flux (Nom)	425 lm
Luminous Flux (Rated) (Nom)	425 lm
Luminous Intensity (Nom)	1250 cd
Color Designation	Cool White (CW)
Rated Beam Angle	36 °
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Nom)	60.71 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	425 lm

Operating and Electrical	
Power (Rated) (Nom)	7 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	35 W
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 °C

Controls and Dimming	
Dimmable	Yes

MASTER VALUE LEDspot LV

Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A
Energy Consumption kWh/1000 h	8 kWh

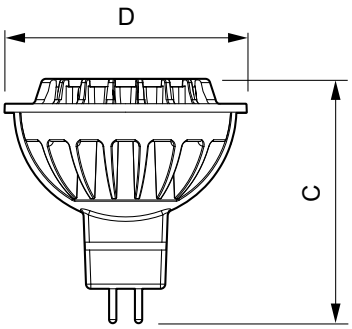
Product Data	
Full product code	871869665937300
Order product name	MAS LEDspotLV D 7-35W 940 MR16 36D

EAN/UPC - Product	8718696659373
Order code	929001153332
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001153332
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

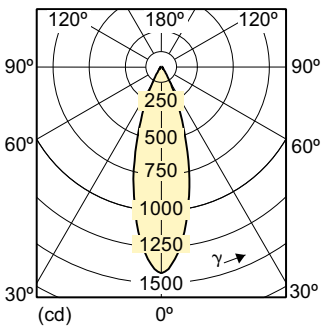
Dimensional drawing

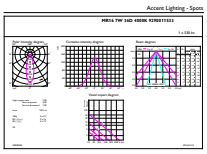


LED D 7-35W 840 MR16 36D

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

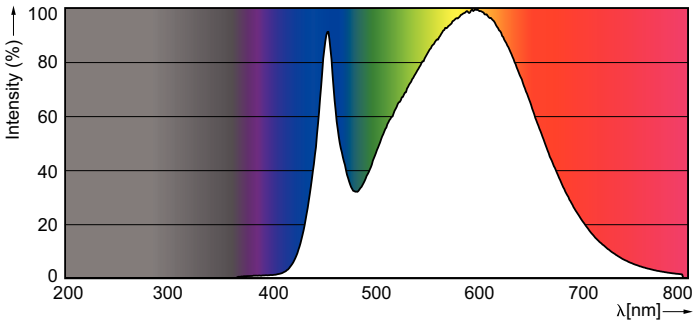
Photometric data





MASTER VALUE LEDspot LV

Photometric data



7-35 W GU5.3 /840 MR16

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