



# MASTER VALUE LEDs pot LV

## MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN

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	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	410 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	White (WH)

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	65.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	410 lm

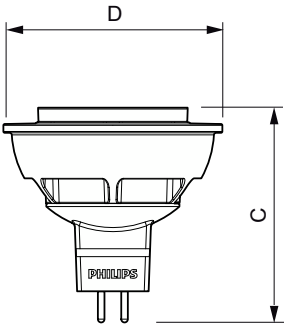
Operating and Electrical	
Power Consumption	6.3 W
Lamp Current (Nom)	800 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7

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Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	100 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh

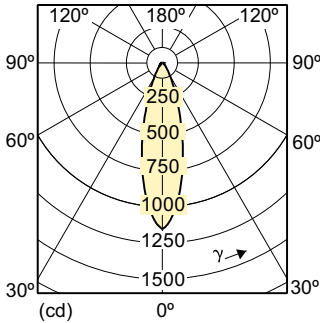
Product Data	
Order product name	MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN
Full product name	MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN
Full product code	871869649031000
Order code	929001152302
Material Nr. (12NC)	929001152302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696490310
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696490327

Dimensional drawing

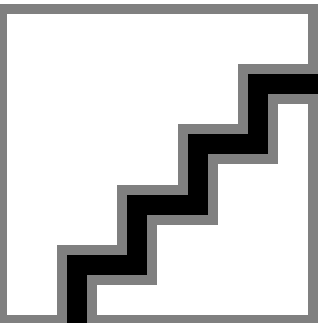


Product	D	C
MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN	50.5 mm	50.5 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN



Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN

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