



# MASTER VALUE LEDs pot LV

## MASTER LED 5.5-50W 4000K MR16 36D

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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	5.5-50W

Light Technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	36 °
Luminous Flux (Nom)	450 lm
Luminous Intensity (Nom)	1000 cd
Color Designation	Cool White (CW)

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

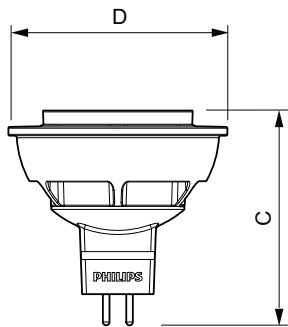
Operating and Electrical	
Input Frequency	- Hz
Power (Nom)	5.5 W
Lamp Current (Nom)	640 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s

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Power Factor (Nom)	0.7
Voltage (Nom)	12 V
<b>Temperature</b>	
T-Case Maximum (Nom)	95 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	- kWh
<b>Product Data</b>	
Full product code	871869647611600
Order product name	MASTER LED 5.5-50W 4000K MR16 36D
EAN/UPC - Product	8718696476116
Order code	929001146908
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001146908
Net Weight (Piece)	0.035 kg

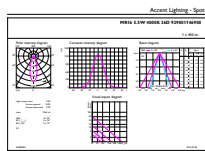
## Dimensional drawing



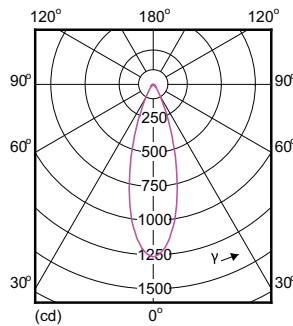
MR16 12V 5.5W-50W 380lm 4000K GU5.3 ND

Product	D	C
MASTER LED 5.5-50W 4000K MR16 36D	50.2 mm	49 mm

## Photometric data



MASTER LED 5.5-50W MR16 GU5.3 4000K 450lm 36D



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