



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 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
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	450 lm
Luminous Intensity (Nom)	1,000 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 (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	5.5 W
Lamp Current (Nom)	640 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s

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Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V

Temperature

T-Case Maximum (Nom)	95 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	MR16
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Approval and Application

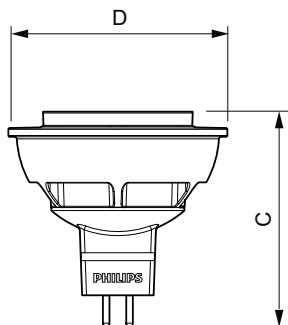
Energy Saving Product	Yes
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Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh

Product Data

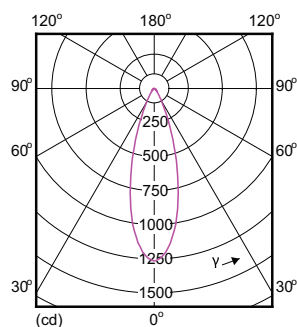
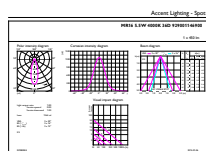
Order product name	MASTER LED 5.5-50W 4000K MR16 36D
Full product name	MASTER LED 5.5-50W 4000K MR16 36D
Full product code	871869647611600
Order code	929001146908
Material Nr. (12NC)	929001146908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696476116
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696476123

Dimensional drawing



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

Photometric data



General uniform lighting - MASTER LED 5.5-50W 4000K MR16 36D

Light Distribution Diagram - MASTER LED 5.5-50W 4000K MR16 36D

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