



MASTER VALUE LEDs pot LV

MASTER LED 7-50W 840 MR16 36D Dim

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

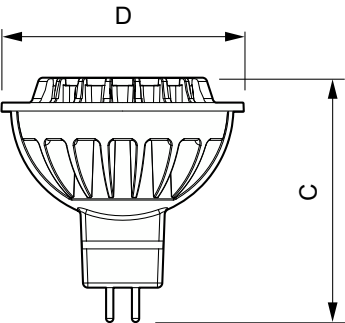
General Information		Correlated Color Temperature (Nom)	
Cap-Base	GU5.3 [GU5.3]	4000 K	
Nominal lifetime	40,000 hour(s)	Luminous Efficacy (rated) (Nom)	
Switching Cycle	50,000	60.71 lm/W	
Lighting Technology	LED	Color Consistency	
EU RoHS compliant	Yes	<6	
Light Technical		Color rendering index (CRI)	
Color Code	940 [CCT of 4000K]	90	
Beam Angle (Nom)	36 degree(s)	LLMF At End Of Nominal Lifetime (Nom)	
Luminous Flux	460 lm	70 %	
Luminous Intensity (Nom)	1,250 cd	Luminous Flux in 90° Cone (Rated)	
Color Designation	Cool White (CW)	425 lm	
		Operating and Electrical	
		Power Consumption	
		7 W	
		Lamp Current (Nom)	
		720 mA	
		Wattage Equivalent	
		50 W	
		Starting Time (Nom)	
		0.5 s	
		Warm-up time to 60% light	
		1 s	

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Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 °C
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

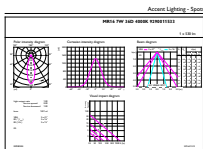
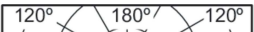
Energy Consumption kWh/1000 h	8 kWh
Product Data	
Order product name	MASTER LED 7-50W 840 MR16 36D Dim
Full product name	MASTER LED 7-50W 840 MR16 36D Dim
Full product code	871869648967300
Order code	929001153308
Material Nr. (12NC)	929001153308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489673
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696489680

Dimensional drawing



Product	D	C
MASTER LED 7-50W 840 MR16 36D Dim	51 mm	51 mm

Photometric data



Light Distribution Diagram - MASTER LED 7-50W 840 MR16 36D Dim

General uniform lighting - MASTER LED 7-50W 840 MR16 36D Dim

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Photometric data



Spectral Power Distribution Colour - MASTER LED 7-50W 840 MR16 36D

Dim

