



# MASTER VALUE LEDs pot LV

## MASTER LED 5.5-50W 2700K MR16 24D CN

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

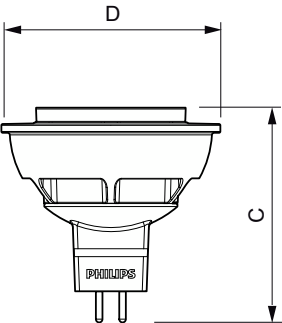
General Information		Correlated Color Temperature (Nom)	
Cap-Base	GU5.3 [GU5.3]	2700 K	
Nominal lifetime	25,000 hour(s)	Luminous Efficacy (rated) (Nom)	
Switching Cycle	50,000	75.00 lm/W	
Lighting Technology	LED	Color Consistency	
EU RoHS compliant	Yes	<6	
Light Technical		Color rendering index (CRI)	
Color Code	827 [CCT of 2700K]	80	
Beam Angle (Nom)	24 degree(s)	LLMF At End Of Nominal Lifetime (Nom)	
Luminous Flux	415 lm	70 %	
Luminous Intensity (Nom)	1,800 cd	Operating and Electrical	
Color Designation	Warm White (WW)	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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

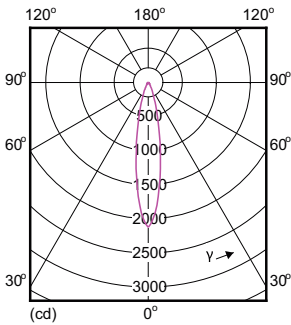
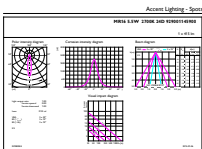
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	MASTER LED 5.5-50W 2700K MR16 24D CN
Full product name	MASTER LED 5.5-50W 2700K MR16 24D CN
Full product code	694793911144200
Order code	929001145910
Material Nr. (12NC)	929001145910
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947939111442
Numerator - Packs per outer box	10
EAN/UPC - Case	6947939111459

Dimensional drawing



Product	D	C
MASTER LED 5.5-50W 2700K MR16 24D CN	50.2 mm	49 mm

Photometric data



General uniform lighting - MASTER LED 5.5-50W 2700K MR16 24D CN

Light Distribution Diagram - MASTER LED 5.5-50W 2700K MR16 24D CN

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