



# 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 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 [GU5.3]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	415 lm
Luminous Intensity (Nom)	1,800 cd
Color Designation	Warm White (WW)

Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	75.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	_ Hz

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

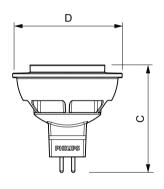
Datasheet, 2023, November 30 data subject to change

# **MASTER VALUE LEDspot LV**

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	95 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

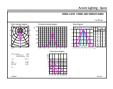
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	MASTER LED 5.5-50W 2700K MR16 24D C	
Full product name	MASTER LED 5.5-50W 2700K MR16 24D C	
Full product code	694793911144200	
Order code	929001145910	
Material Nr. (12NC)	929001145910	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case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

## Dimensional drawing



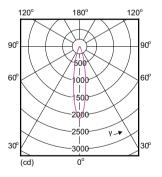
Product	D	С
MASTER LED 5.5-50W 2700K MR16 24D CN	50.2 mm	49 mm

### 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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