# **PHILIPS** Lighting



# 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

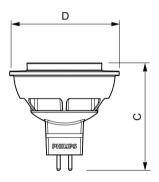
#### **Product data**

General Information		Correlated Color Temperature (Nom)	4000 K
Cap-Base	GU5.3	Luminous Efficacy (rated) (Nom)	82.00 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes		
		Operating and Electrical	
Light Technical		Line Frequency	- Hz
Color Code	840 [CCT of 4000K]	Input Frequency	- Hz
Beam Angle (Nom)	36 degree(s)	Power Consumption	5.5 W
Luminous Flux	450 lm	Lamp Current (Nom)	640 mA
Luminous Intensity (Nom)	1,000 cd	Wattage Equivalent	50 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s

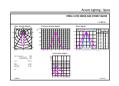
## MASTER VALUE LEDspot LV

Warm-up time to 60% light	0.5 s	Suitable For Accent Lighting	Yes	
Power Factor (Fraction)	0.7	Energy Consumption kWh/1000 h	- kWh	
Voltage (Nom)	12 V			
		Product Data		
Temperature		Order product name	MASTER LED 5.5-50W 4000K MR16 36D	
T-Case Maximum (Nom)	95 ℃	Full product name	MASTER LED 5.5-50W 4000K MR16 36D	
		Full product code	871869647611600	
Controls and Dimming		Order code	929001146908	
Dimmable	No	Material Nr. (12NC)	929001146908	
		Numerator - Quantity Per Pack	1	
Mechanical and Housing		EAN/UPC - Product/Case	8718696476116	
Bulb Shape	MR16	Numerator - Packs per outer box	10	
		EAN/UPC - Case	8718696476123	
Approval and Application				
Energy Saving Product	Yes			

#### Dimensional drawing

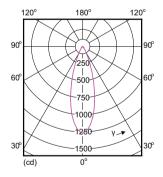


#### Photometric data



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

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



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

### MASTER VALUE LEDspot LV



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