PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LED 5.5-50W 2700K MR16 24D

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

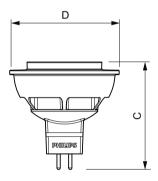
General Information		Correlated Color Temperature (Nom)	2700 K
Cap-Base	GU5.3	Luminous Efficacy (rated) (Nom)	75.00 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes		
		Operating and Electrical	
Light Technical		Line Frequency	– Hz
Color Code	827 [CCT of 2700K]	Input Frequency	– Hz
Beam Angle (Nom)	24 degree(s)	Power Consumption	5.5 W
Luminous Flux	415 lm	Lamp Current (Nom)	640 mA
Luminous Intensity (Nom)	1,800 cd	Wattage Equivalent	50 W
Color Designation	Warm White (WW)	Starting Time (Nom)	0.5 s

MASTER VALUE LEDspot LV

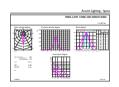
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.7	
Voltage (Nom)	12 V	
Temperature		
T-Case Maximum (Nom)	95 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Shape	MR16	
Approval and Application		
Suitable For Accent Lighting	Yes	

Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	MASTER LED 5.5-50W 2700K MR16 24D	
Full product name	MASTER LED 5.5-50W 2700K MR16 24D	
Full product code	871869647599700	
Order code	929001145908	
Material Nr. (12NC)	929001145908	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696475997	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696476000	

Dimensional drawing

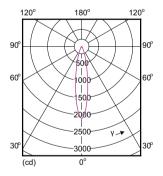


Photometric data



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

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



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

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