PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LED 4-20W 2700K 12V 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 [GU5.3]	Luminous Efficacy (rated) (Nom)	52.50 lm/W
Nominal lifetime	45,000 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	50 to 60 Hz
Color Code	827 [CCT of 2700K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	24 degree(s)	Power Consumption	4 W
Luminous Flux	210 lm	Lamp Current (Nom)	520 mA
Luminous Intensity (Nom)	1,000 cd	Starting Time (Nom)	0.5 s
Color Designation	Warm White (WW)	Warm-up time to 60% light	instant full light s

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Power Factor (Fraction)	0.7	
Voltage (Nom)	12 V	
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	5 kWh	

Product Data		
Order product name	MASTER LED 4-20W 2700K 12V MR16 24D	
Full product name	MASTER LED 4-20W 2700K 12V MR16 24D	
Full product code	871829119136000	
Order code	929000217608	
Material Nr. (12NC)	929000217608	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291191360	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718291191377	

Dimensional drawing



Photometric data

120% \180% \120%

Product	D	с
MASTER LED 4-20W 2700K 12V MR16 24D	50 mm	47.8 mm

Light Distribution Diagram - MASTER LED 4-20W 2700K 12V MR16 24D

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