# **PHILIPS** Lighting



# MASTER VALUE LEDs pot LV

# MAS LEDspotLV VLE 3.4-20W 830 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**

eneral Information		Correlated Color Temperature (Nom)	3000 K
ap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	65.00 lm/W
Iominal lifetime	25,000 hour(s)	Color Consistency	<6
witching Cycle	50,000	Color rendering index (CRI)	80
ighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Luminous Flux in 90° Cone (Rated)	225 lm
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power Consumption	3.4 W
Beam Angle (Nom)	36 degree(s)	Lamp Current (Nom)	520 mA
uminous Flux	240 lm	Wattage Equivalent	20 W
Luminous Intensity (Nom)	600 cd	Starting Time (Nom)	0.5 s
Color Designation	White (WH)	Warm-up time to 60% light	instant full light s

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Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	65 °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	4 kWh	
Product Data		
Order product name	MAS LEDspotLV VLE 3.4-20W 830 MR16 36D	
Full product name	MAS LEDspotLV VLE 3.4-20W 830 MR16 36D	
Full product code	871869647574400	
Order code	929001147602	
Material Nr. (12NC)	929001147602	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696475744	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696475751	

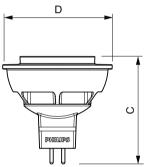
D

50 mm

с

49 mm

#### Dimensional drawing



#### Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE 3.4-20W 830 MR16 36D

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Product

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### MASTER VALUE LEDspot LV



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