



# MASTER VALUE LEDs pot LV

## MASTER LEDspotLV VLE D6.3-35W 830MR16 36DRN

Philips MASTER VALUE MR16 is the series of Low Voltage (12 VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12 V Halogen electronic transformers, it also delivers beam intensity which is equivalent to the 50 W 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 fit 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

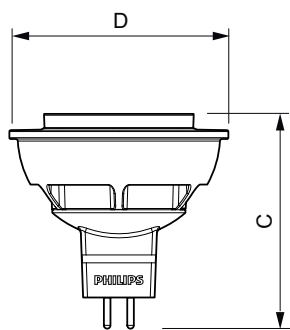
### Product data

General Information			
Cap base	GU5.3 [GU5.3]	Luminous intensity (nom.)	1,000 cd
Nominal lifetime	25,000 h	Colour designation	White (WH)
Switching Cycle	50,000	Correlated Colour Temperature	3000 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	63 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Light Technical		Colour rendering index (CRI)	80
Colour Code	830 [CCT of 3000K]	LLMF at end of nominal lifetime (nom.)	70 %
Beam angle (nom.)	36 degree(s)	Luminous flux in 90° cone (rated)	395 lm
Luminous Flux	395 lm	Operating and Electrical	
		Power Consumption	6.3 W

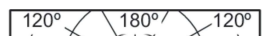
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Lamp current (nom.)	800 mA
Wattage equivalent	35 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.7
Voltage (nom.)	12 V
<b>Temperature</b>	
T-Case maximum (nom.)	100 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb shape	MR16 [2 inch/50 mm]
<b>Approval and Application</b>	
Suitable for accent lighting	Yes

## Dimensional drawing



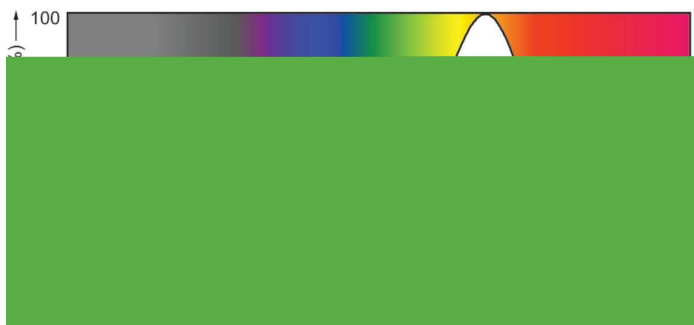
## Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 830MR16 36DRN

Energy consumption kWh/1,000 hours	7 kWh
<b>Product Data</b>	
Order product name	MAS LEDspotLV VLE D6.3-35W 830MR16 36DRN
Full product name	MASTER LEDspotLV VLE D6.3-35W 830MR16 36DRN
Full EOC	871869649029700
Order code	49029700
Material no. (12 NC)	929001152202
Local order code	MLEDV6WG533036N
SAP numerator - quantity per pack	1
EAN/UPC - Product/Case	8718696490297
Numerator - packs per outer box	10
EAN/UPC - Case	8718696490303

Product	D	C
MAS LEDspotLV VLE D6.3-35W 830MR16 36DRN	51 mm	51 mm



Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 830MR16 36DRN

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