



MASTER VALUE LEDs pot LV

MASTER LEDspotLV DimTone 6.5-35W MR16 36D

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]
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	822-827 [tunable warm white]
Beam angle (nom.)	36 degree(s)
Luminous Flux	410 lm
Luminous intensity (nom.)	900 cd
Colour designation	Warm White (WW)

Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	63.08 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	370 lm

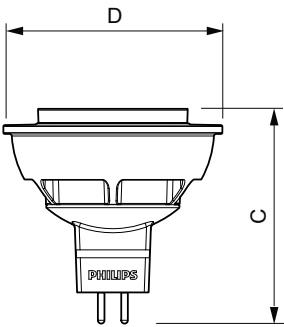
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	6.5 W
Lamp current (nom.)	800 mA
Wattage equivalent	35 W

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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
Temperature	
T-Case maximum (nom.)	80 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]
Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	7 kWh

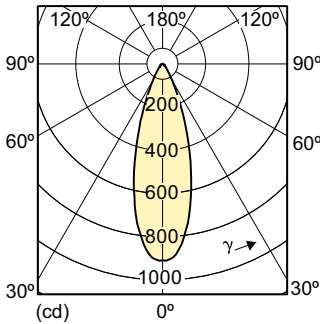
EyeComfort	Yes
Product Data	
Order product name	MAS LEDspotLV DimTone 6.5-35W MR16 36D
Full product name	MASTER LEDspotLV DimTone 6.5-35W MR16 36D
Full EOC	871869644215900
Order code	44215900
Material no. (12 NC)	929001127902
Local order code	MLED6GU53DT36D
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696442159
Numerator – packs per outer box	10
EAN/UPC – Case	8718696442166

Dimensional drawing

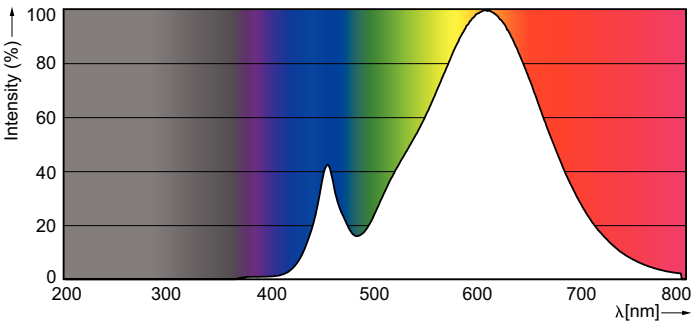


Product	D	C
MAS LEDspotLV DimTone 6.5-35W MR16 36D	51 mm	50 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV DimTone 6.5-35W MR16 36D



Spectral Power Distribution Colour - MAS LEDspotLV DimTone 6.5-35W MR16 36D

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