



MASTER VALUE LEDs pot LV

MASTER LEDspotLV DimTone 6.5-35W MR16 24D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ 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	
Cap-Base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	6.5-35W

Light Technical	
Color Code	822-827 [tunable warm white]
Beam Angle (Nom)	24 °
Luminous Flux (Nom)	410 lm
Luminous Intensity (Nom)	1800 cd
Color Designation	Warm White (WW)

Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	63.08 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	370 lm

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	6.5 W
Lamp Current (Nom)	800 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s

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Warm Up Time to 60% Light (Nom)	instant full light
Power Factor (Nom)	0.7
Voltage (Nom)	12 V

Temperature

T-Case Maximum (Nom)	80 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]
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Approval and Application

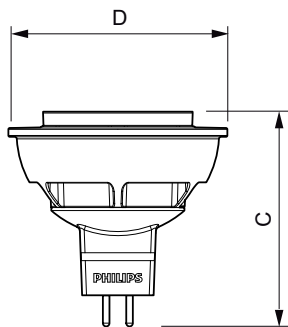
Suitable For Accent Lighting	Yes
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Energy Consumption kWh/1000 h	7 kWh
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Product Data

Full product code	871869644213500
Order product name	MASTER LEDspotLV DimTone 6.5-35W MR16 24D
EAN/UPC - Product	8718696442135
Order code	929001127802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001127802
Net Weight (Piece)	0.045 kg

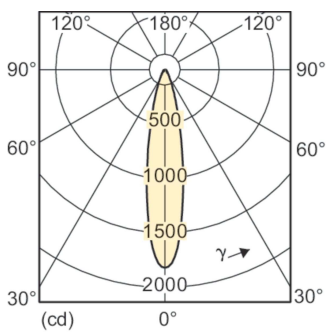
Dimensional drawing



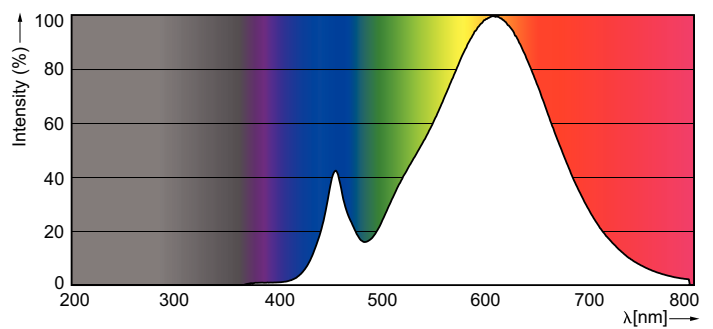
MR16 12V 7W-35W 24D 2700K GU5.3 Dimtone

Product	D	C
MASTER LEDspotLV DimTone 6.5-35W MR16 24D	51 mm	50 mm

Photometric data



SDLD_LEDspotL_0108-Light distribution diagram



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