



# MASTER VALUE LEDs pot LV

## MAS LEDspotLV DimTone 6.5–35W MR16 36D

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		Correlated Color Temperature (Nom)	
Cap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	2700 K
Nominal lifetime	25,000 hour(s)	Color Consistency	63.08 lm/W
Switching Cycle	50,000	Color rendering index (CRI)	<6
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	80
EU RoHS compliant	Yes	Luminous Flux in 90° Cone (Rated)	70 %
Light Technical		Operating and Electrical	
Color Code	822-827 [tunable warm white]	Line Frequency	370 lm
Beam Angle (Nom)	36 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	410 lm	Power Consumption	50 to 60 Hz
Luminous Intensity (Nom)	900 cd	Lamp Current (Nom)	6.5 W
Color Designation	Warm White (WW)	Wattage Equivalent	800 mA
			35 W

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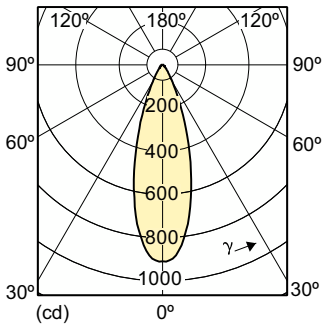
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	7 kWh
EyeComfort	Yes
Product Data	
Order product name	MAS LEDspotLV DimTone 6.5-35W MR16 36D
Full product name	MAS LEDspotLV DimTone 6.5-35W MR16 36D
Full product code	871869644215900
Order code	929001127902
Material Nr. (12NC)	929001127902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696442159
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696442166

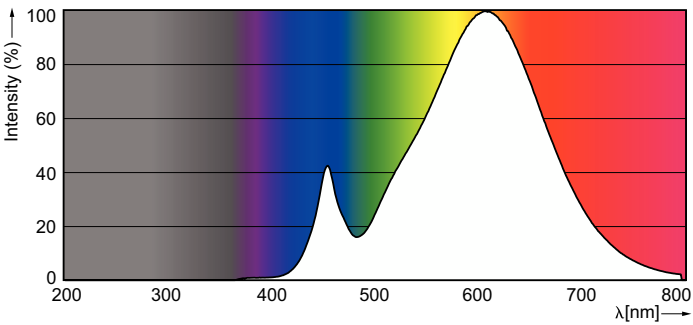
Dimensional drawing

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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