



MASTER VALUE LEDspot LV

MASTER LEDspotLV DimTone 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

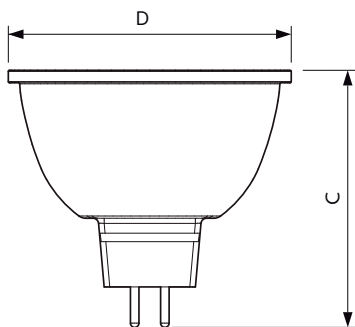
General Information		Correlated Colour Temperature (Nom)	
Cap base	GU5.3 [GU5.3]	Luminous efficacy (rated) (nom.)	69.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Nominal lifetime (nom.)	25000 h	Colour rendering index (nom.)	80
Switching cycle	50,000X	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	5-35W	Luminous flux in 90° cone (rated)	345 lm
Light Technical		Operating and Electrical	
Colour Code	822-827 [tunable warm white]	Input frequency	- Hz
Beam Angle (Nom)	36 °	Power (Rated) (Nom)	5 W
Luminous flux (nom.)	345 lm	Lamp current (nom.)	480 mA
Luminous intensity (nom.)	600 cd	Wattage equivalent	35 W
Colour designation	Warm white (WW)	Starting time (nom.)	0.5 s

MASTER VALUE LEDspot LV

Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.7
Voltage (Nom)	AC Electronic 12 V
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy efficiency label (EEL)	A+
Suitable for accent lighting	Yes

Energy consumption kWh/1,000 hours	6 kWh
Product Data	
Full product code	871869681538000
Order product name	MASTER LEDspotLV DimTone 5-35W MR16 36D
EAN/UPC – product	8718696815380
Order code	81538000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001904702
SAP net weight (piece)	0.045 kg

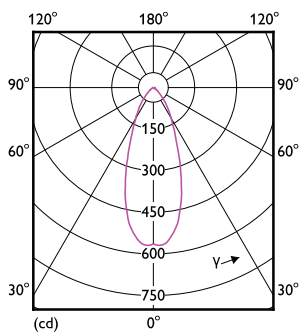
Dimensional drawing



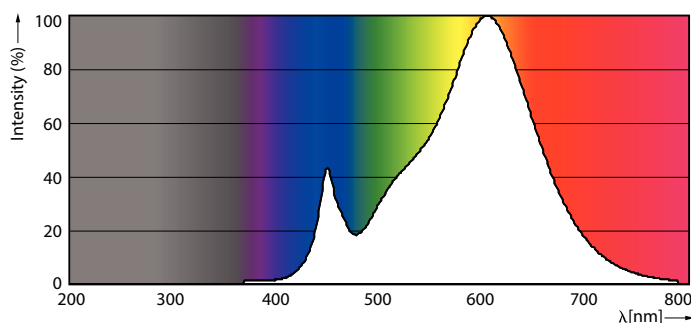
MR16 6.5W-35W 380lm 36D 2200-2700K GU5.3

Product	D	C
MASTER LEDspotLV DimTone 5-35W MR16 36D	50.5 mm	44.5 mm

Photometric data



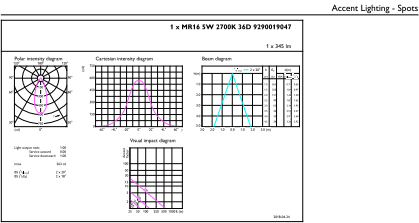
LEDspot MAS 5-35W GU5.3 MR16 822-827 36D DIM



LEDspot MAS 5-35W GU5.3 MR16 822-827 36D DIM

MASTER VALUE LEDspot LV

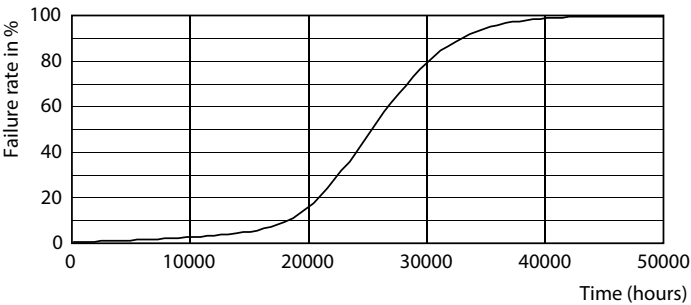
Photometric data



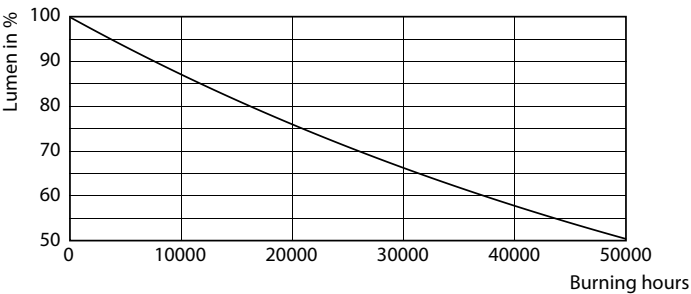
Calculation Photometrics 4.3 Philips Lighting B.V. Page 1/1

MAS LEDspotLV DimTone 5-35W MR16 36D

Lifetime



LEDspot MAS 5-35W GU5.3 MR16 822-827 36D DIM



LEDspot MAS 5-35W GU5.3 MR16 822-827 36D DIM

