



MASTER VALUE LEDs pot LV

MAS LED spot VLE D 5.5-35W MR16 830 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]		3000 K
Nominal lifetime	25,000 hour(s)	Luminous Efficacy (rated) (Nom)	83.64 lm/W
Switching Cycle	50,000	Color Consistency	<6
Lighting Technology	LED	Color rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	460 lm
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Line Frequency	- Hz
Beam Angle (Nom)	36 degree(s)	Input Frequency	- Hz
Luminous Flux	460 lm	Power Consumption	5.5 W
Luminous Intensity (Nom)	1,000 cd	Lamp Current (Nom)	630 mA
Color Designation	White (WH)	Wattage Equivalent	35 W

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Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	ac Electronic 12 V

Temperature

T-Case Maximum (Nom)	95 °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

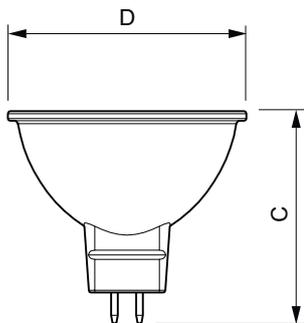
Suitable For Accent Lighting	Yes
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Energy Consumption kWh/1000 h	7 kWh
EyeComfort	Yes

Product Data

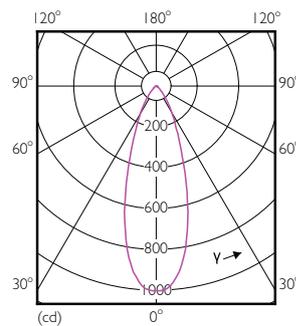
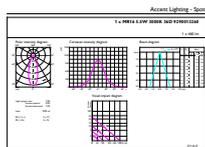
Order product name	MAS LED spot VLE D 5.5-35W MR16 830 36D
Full product name	MAS LED spot VLE D 5.5-35W MR16 830 36D
Full product code	871869670825500
Order code	929001326002
Material Nr. (12NC)	929001326002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696708255
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696708262

Dimensional drawing



Product	D	C
MAS LED spot VLE D 5.5-35W MR16 830 36D	50.5 mm	45 mm

Photometric data

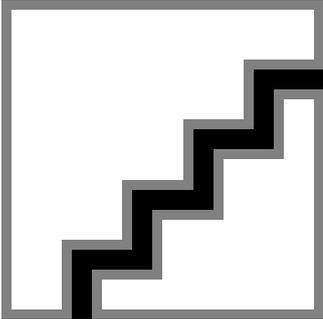


Accent Lighting Spots - MAS LED spot VLE D 5.5-35W MR16 830 36D

Light Distribution Diagram - MAS LED spot VLE D 5.5-35W MR16 830 36D

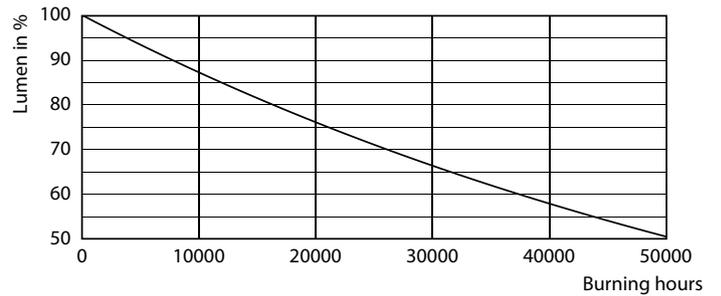
MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LED spot VLE D 5.5-35W MR16 830 36D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 5.5-35W MR16 830 36D

Lumen Maintenance Diagram - MAS LED spot VLE D 5.5-35W MR16 830 36D

