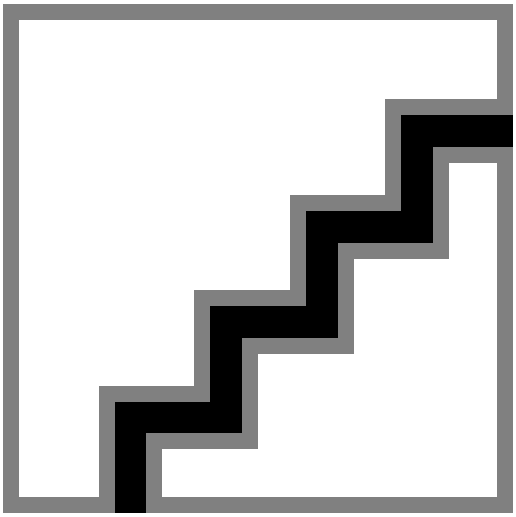


MASTER VALUE LEDs pot LV

MAS LED spot VLE D 7-50W MR16 840 60D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employs 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]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	660 lm
Luminous Intensity (Nom)	850 cd
Color Designation	Cool White (CW)

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	94.29 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	660 lm

Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	760 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

MASTER VALUE LEDspot LV

Power Factor (Fraction)	0.8
Voltage (Nom)	ac Electronic 12 V

Temperature

T-Case Maximum (Nom)	105 °C

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]

Approval and Application

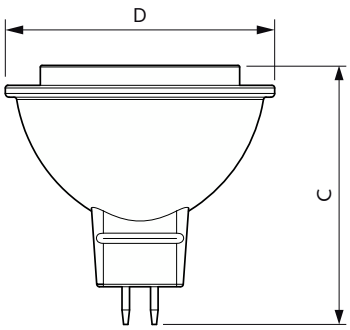
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	8 kWh

Product Data

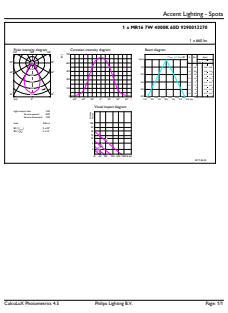
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Full product name	MAS LED spot VLE D 7-50W MR16 840 60D
Full product code	871869670845300
Order code	929001327002
Material Nr. (12NC)	929001327002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696708453
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696708460

Dimensional drawing

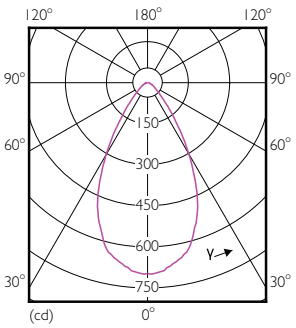


Product	D	C
MAS LED spot VLE D 7-50W MR16 840 60D	50.5 mm	49.5 mm

Photometric data



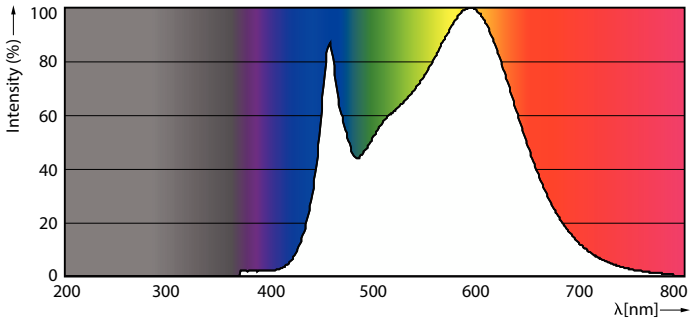
Accent Lighting Spots - MAS LED spot VLE D 7-50W MR16 840 60D



Light Distribution Diagram - MAS LED spot VLE D 7-50W MR16 840 60D

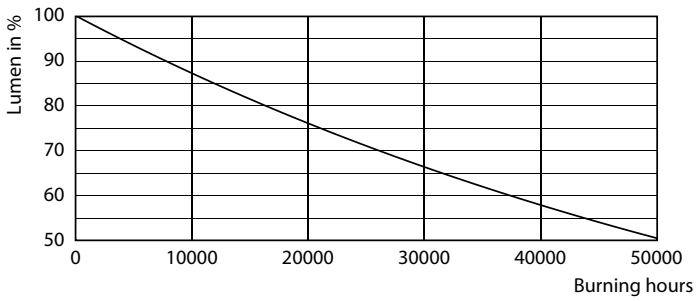
MASTER VALUE LEDspot LV

Photometric data



Spectral Power Distribution Colour - MAS LED spot VLE D 7-50W MR16 840 60D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 7-50W MR16 840 60D

Lumen Maintenance Diagram - MAS LED spot VLE D 7-50W MR16 840 60D

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