



MASTER LEDspot LV

MAS LEDspotLV VLE D 8-50W 840 MR16 36D

Delivering intense accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot light. Thanks to its high CRI, it realize more natural colors, enabling cozy and comfortable ambience for residential, hospitality and emphasize the beauty of merchandise in retail. MASTER LEDspot LV is compatible with most existing fixtures with a MR16 GU 5.3 holder and designed as a retrofit replacement for halogen or incandescent spots. Not only it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V halogen electronic transformers, it also delivers high beam intensity which equivalent to halogen MR16 spots. The dimming function enables to create the desired atmosphere and it works with broad selection of dimmers. MASTER LEDspot LV delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling residential owners and business owners to achieve a return on their investment within short period time with its efficiency energy use and long life time.

Product data

General Information		Color Consistency	
Cap-Base	GU5.3 [GU5.3]	Color Consistency	<6
Nominal Lifetime (Nom)	25000 h	Color Rendering Index (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	8-50W	Luminous Flux In 90° Cone (Rated)	630 lm
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K (841)]	Power (Rated) (Nom)	8 W
Beam Angle (Nom)	36 °	Lamp Current (Nom)	1000 mA
Luminous Intensity (Nom)	1350 cd	Wattage Equivalent	50 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Rated Beam Angle	36 °	Warm Up Time To 60% Light (Nom)	1 s
Correlated Color Temperature (Nom)	4000 K	Power Factor (Nom)	0.7
Luminous Efficacy (rated) (Nom)	78.75 lm/W	Voltage (Nom)	12 V

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Temperature

T-Case Maximum (Nom)	75 °C
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Controls and Dimming

Dimmable	Yes
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Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A+
Energy Consumption kWh/1000 h	9 kWh

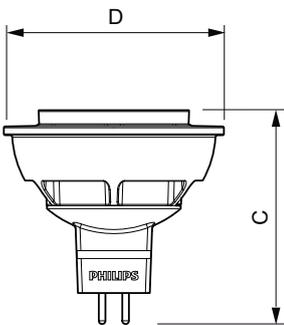
Product Data

Full product code	871869657211500
Order product name	MAS LEDspotLV VLE D 8-50W 840 MR16 36D
EAN/UPC - Product	8718696572115
Order code	929001241702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001241702
Net Weight (Piece)	0.045 kg

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

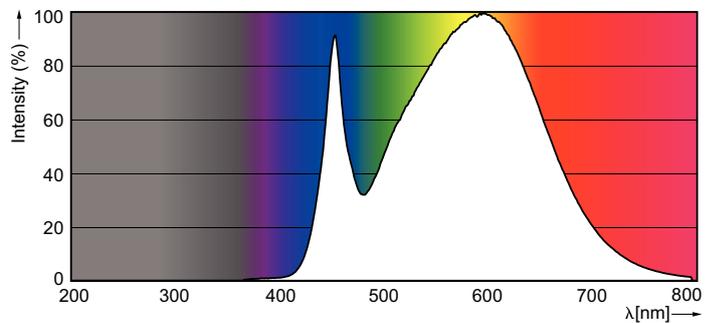
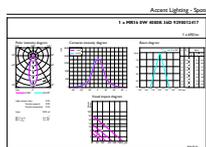
Dimensional drawing



MR16 Darkgray 12V 8.2W-50W 680lm 36D 40

Product	D	C
MAS LEDspotLV VLE D 8-50W 840 MR16 36D	50 mm	50 mm

Photometric data



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