



MASTER LEDspot LV

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

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Product data

General Information	
Cap base	GU5.3 [GU5.3]
Nominal lifetime (nom.)	25000 h
Switching cycle	50000X
Technical type	8-50W
Light Technical	
Colour code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	36 °
Luminous flux (nom.)	630 lm
Luminous flux (rated) (nom.)	630 lm
Luminous intensity (nom.)	1350 cd
Colour designation	Cool White (CW)
Rated beam angle	36 °
Correlated colour temperature (nom.)	4000 K
Luminous efficacy (rated) (nom.)	78.75 lm/W
Colour consistency	<6

Color rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous Flux in 90° Cone (Rated)	630 lm
Operating and Electrical	
Power (Rated) (Nom)	8 W
Lamp current (nom.)	1000 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	1 s
Power factor (nom.)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case maximum (nom.)	75 °C

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Controls and Dimming

Dimmable	Yes
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Approval and Application

Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Suitable for accent lighting	Yes
Energy Consumption kWh/1000 h	9 kWh

Product Data

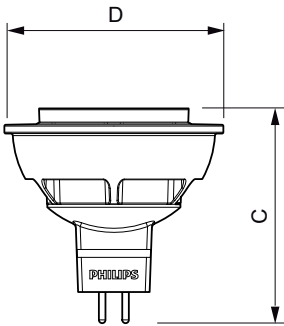
Full product code	871869657211500
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Order product name	MAS LEDspotLV VLE D 8-50W 840 MR16 36D
EAN/UPC – product	8718696572115
Order code	57211500
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001241702
Net 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

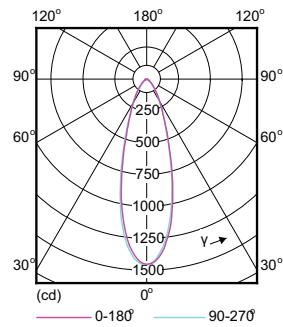
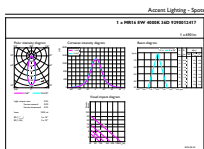
Dimensional drawing



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



LED Lamps, MAS LEDspotLV VLE D 8-50W MR16 GU5.3 840 36D

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Photometric data

