

MASTER LEDspot LV

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MAS LEDspotLV D 8.0-50W 827 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)	40000 h
Switching Cycle	50000X
Technical Type	8-50W

• Light Technical

Colour Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 °
Light Distribution	36D [Medium beam]
Luminous Flux (Nom)	635 lm
Luminous Flux (Rated) (Nom)	635 lm
Luminous Intensity (Nom)	1650 cd
Colour Designation	Warm White (WW)
Rated Beam Angle	36 °
Colour Temperature, horizontal (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	78 lm/W
Color Consistency	6 steps
Colour Rendering Index horiz (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	621 lm

• Operating and Electrical

Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W
Lamp Current (Nom)	900 mA
Wattage Equivalent	50 W
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light
Power Factor (Nom)	0.7
Voltage (Nom)	12 V

• Temperature

T-Case Maximum (Nom)	105 °C

• Controls and Dimming

Dimmable	Yes

PHILIPS

MASTER LEDspot LV

- Approval and Application

Suitable For Accent Lighting	Yes
Energy Efficiency Label	A+
Energy Consumption kWh/1000 h	9 kWh

- Product Data

Full product code	871869651536500

Order product name	MAS LEDspotLV D 8.0-50W 827 MR16 36D
EAN/UPC - Product	8718696515365
Order code	51536500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001150102
Net Weight (Piece)	0.045 kg

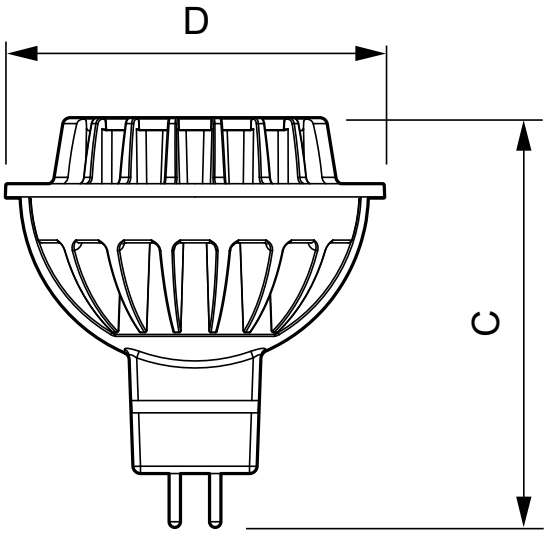
Warnings and Safety

- 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

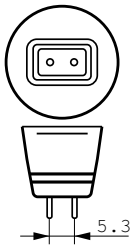
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Dimensional drawing



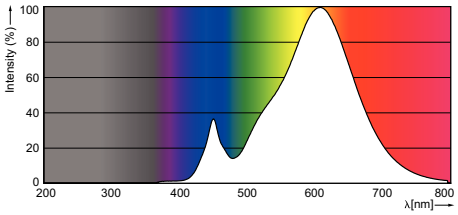
8-50 W GU5.3 MR16



LED D 8-50W 827 MR16 36D

Product	D	C
MAS LEDspotLV D 8.0-50W 827 MR16 36D	51 mm	55 mm

Photometric data



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