



MASTER LEDspot LV

MASTER LED 5.5-50W 3000K 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.

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]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	25000 h
Switching cycle	50,000X
Technical type	5.5-50W
Light Technical	
Colour Code	830 [CCT of 3,000 K]
Technical Beam Angle (Nom)	36°
Lamp Luminous Flux 25°C EL (Nom)	425 lm

Luminous intensity (nom.)	1000 cd
Colour Designation	White (WH)
Colour Temperature, horizontal (Nom)	3000 K
Lamp Luminous Efficacy EM (Nom)	77.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	- Hz
Power (Rated) (Nom)	5.5 W

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Lamp current (nom.)	640 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.7
Voltage (Nom)	12 V

Temperature

T-Case maximum (nom.)	95 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb shape	MR16 [2inch/50mm]
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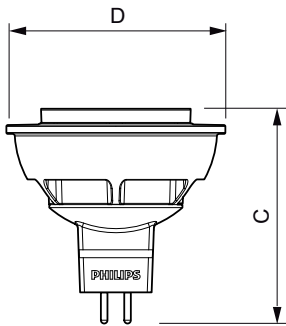
Approval and Application

Energy-saving product	Yes
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	- kWh

Product Data

Full product code	871869647605500
Order product name	MASTER LED 5.5-50W 3000K MR16 36D
EAN/UPC – product	8718696476055
Order code	929001146608
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001146608
SAP net weight (piece)	0.035 kg

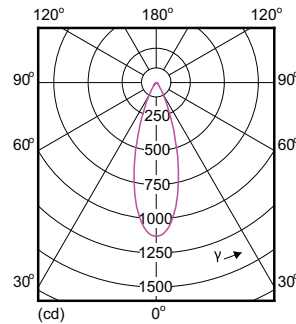
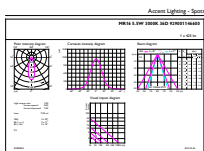
Dimensional drawing



MR16 12V 5.5W-50W 380lm 3000K GU5.3 ND

Product	D	C
MASTER LED 5.5-50W 3000K MR16 36D	50.2 mm	49 mm

Photometric data



MASTER LED 5.5-50W MR16 GU5.3 3000K 425lm 36D

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