



MASTER LEDspot LV – The ideal solution for spot lighting

MASTER LEDspot LV

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.

Benefits

- Up to 80% energy saving compared with halogen lamp
- Broad compatibility with transformers
- Suitable to retrofit with low-voltage halogen lamps covering GU5.3 and GU4 base types

Features

- Dimmable (6.5–35W versions)
- Innovative AirFlux technology for passive cooling, depending upon model
- Warm and cool white light
- Lifetime:
 - 40,000 hours MASTER LED
 - 25,000 hours MASTER LED VALUE
- TransforMax technology to ensure compatibility with existing transformers (depending upon model)

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Application

- Ideal for accent lighting in hotels, hospitals, shops and museums (e.g. floors, elevators, displays)

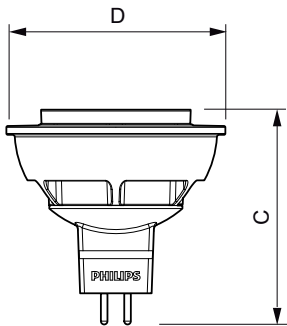
Warnings and Safety

- 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

Versions



Dimensional drawing



Product	D	C
MASTER LED 4-35W 3000K MR16 24D	50 mm	49 mm
MASTER LED 4-35W 2700K MR16 24D	50 mm	49 mm

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Approval and Application

Energy Consumption kWh/1000 h	4 kWh
Energy Efficiency Label (EEL)	A+

Controls and Dimming

Dimmable	no
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Operating and Electrical

Voltage (Nom)	12 V
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s

General Information

Cap-Base	GU5.3
Nominal Lifetime (Nom)	25000 h
Rated Lifetime (Hours)	25000 h
Switching Cycle	50000X

Light Technical

Beam Angle (Nom)	24 °
Colour Rendering Index (Nom)	80
Light Distribution	24D
Llmf At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux (Nom)	240 lm
Luminous Flux (Rated) (Nom)	240 lm
Luminous Intensity (Nom)	1000 cd
Rated Beam Angle	24 °

Mechanical and Housing

Bulb Shape	MR16
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Temperature

T-Case Maximum (Nom)	65 °C
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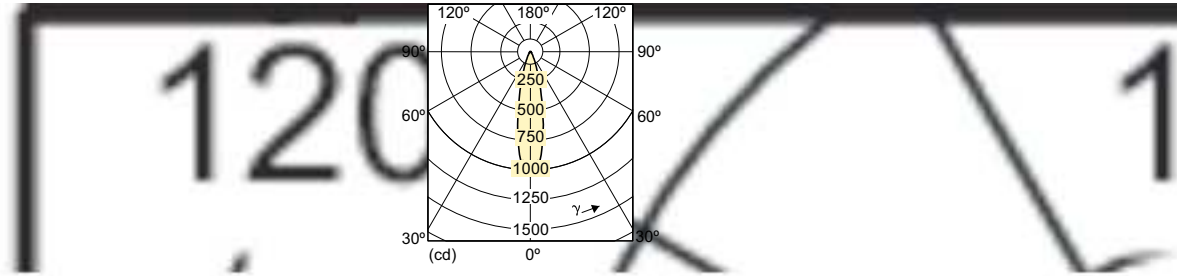
Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001147408	MASTER LED 4-35W 2700K MR16 24D	4 W
929001147708	MASTER LED 4-35W 3000K MR16 24D	3.4 W

Light Technical

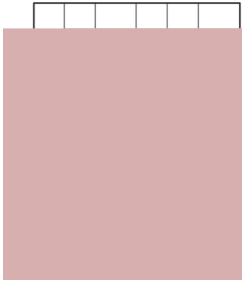
Order Code	Full Product Name	Colour Code	Correlated Colour
			Temperature (Nom)
929001147408	MASTER LED 4-35W 2700K MR16 24D	827	2700 K
929001147708	MASTER LED 4-35W 3000K MR16 24D	830	3000 K

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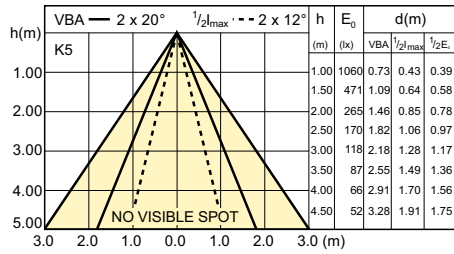


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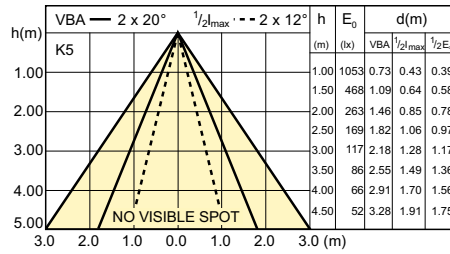
Accent Diagrams



Beam Diagrams



SDBE_LEDspotL_0112-Beam diagram



SDBE_LEDspotL_0113-Beam diagram

