



MASTER LEDspot LV – The ideal solution for spot lighting

MASTER VALUE 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

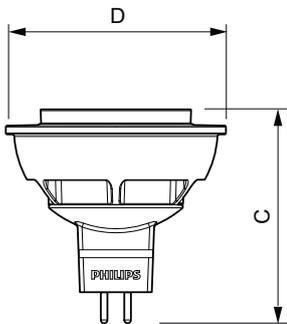
- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Versions



MASTER LED 5.5-50W MR16 GU5.3

Dimensional drawing



Product	D	C
MASTER LED 5.5-50W 2700K MR16 24D	50.2 mm	49 mm
MASTER LED 5.5-50W 3000K MR16 24D	50.2 mm	49 mm

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General Information

Cap-Base	GU5.3
Switching Cycle	50,000
Nominal lifetime	25,000 hour(s)

Light Technical

Beam Angle (Nom)	24 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Intensity (Nom)	1,800 cd

Operating and Electrical

Input Frequency	- Hz
Line Frequency	- Hz
Power Consumption	5.5 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	50 W

Temperature

T-Case Maximum (Nom)	95 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

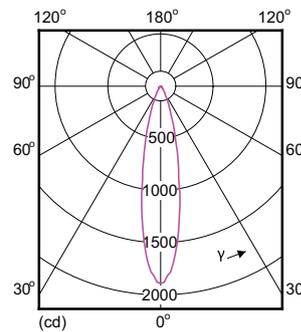
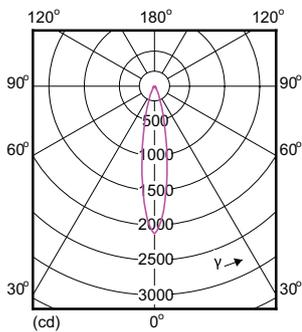
Bulb Shape	MR16
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Approval and Application

Energy Consumption kWh/1000 h	- kWh
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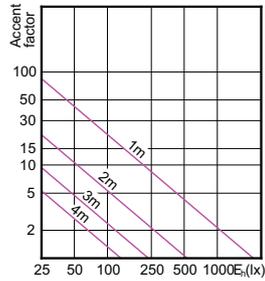
Light Technical

Order Code	Full Product Name	Correlated Color	
		Temperature (Nom)	Color Code
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	2700 K	827
929001146708	MASTER LED 5.5-50W 3000K MR16 24D	3000 K	830

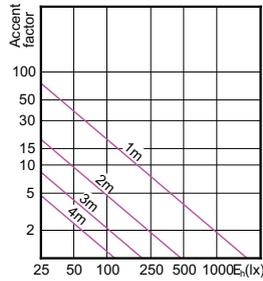


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Accent Diagrams

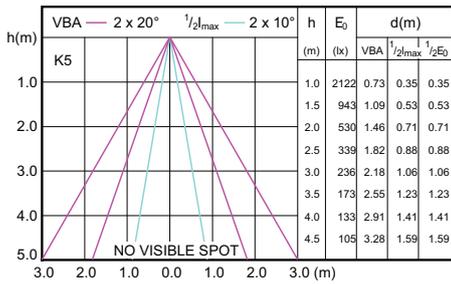


Accent Diagram - MASTER LED 5.5-50W 2700K MR16 24D

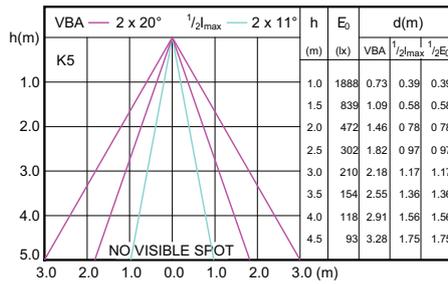


Accent Diagram - MASTER LED 5.5-50W 3000K MR16 24D

Beam Diagrams



Beam diagram - MASTER LED 5.5-50W 2700K MR16 24D



Beam diagram - MASTER LED 5.5-50W 3000K MR16 24D

