



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
- Retrofittable with low-voltage MR16 halogen lamps with GU5.3 socket

Features

- dimmable (the 7–35W and 10–50W versions)
- patented intelligent driver
- air movement mechanism (active fan cooling) with very low sound levels
- lifetime of 25,000 to 45,000 hours
- CRI90 (MR11 only)

Application

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

MASTER VALUE LEDspot LV

Warnings and Safety

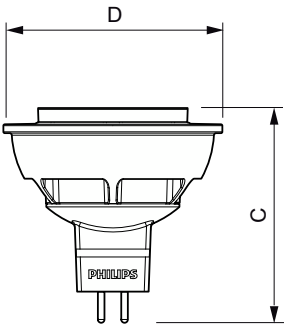
- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

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 2700K MR16 36D	50.2 mm	49 mm
MASTER LED 5.5-50W 3000K MR16 24D	50.2 mm	49 mm
MASTER LED 5.5-50W 4000K MR16 24D	50.2 mm	49 mm

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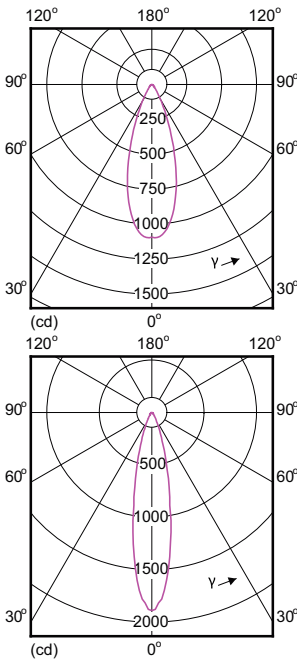
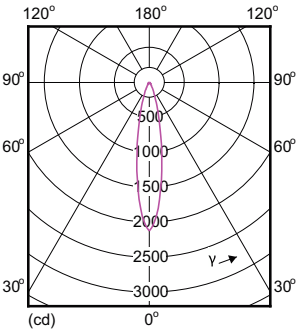
General Information	
Cap-Base	GU5.3
Switching Cycle	50,000
Nominal lifetime	25,000 hour(s)
Light Technical	
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	- Hz
Line Frequency	- Hz
Power Consumption	5.5 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	50 W
Temperature	
T-Case Maximum (Nom)	95 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16
Approval and Application	
Energy Consumption kWh/1000 h	- kWh

Light Technical (1/2)

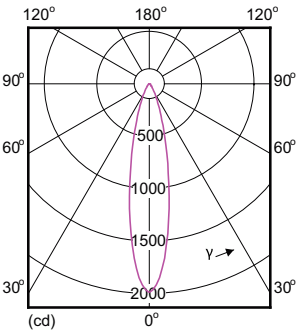
Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	24 degree(s)	2700 K	827	415 lm
929001146108	MASTER LED 5.5-50W 2700K MR16 36D	36 degree(s)	2700 K	827	415 lm
929001146708	MASTER LED 5.5-50W 3000K MR16 24D	24 degree(s)	3000 K	830	425 lm
929001146808	MASTER LED 5.5-50W 4000K MR16 24D	24 degree(s)	4000 K	840	450 lm

Light Technical (2/2)

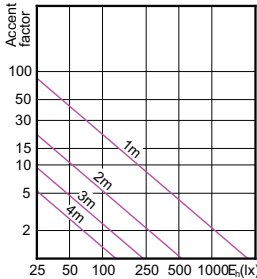
Order Code	Full Product Name	Luminous Intensity (Nom)
929001145908	MASTER LED 5.5-50W 2700K MR16 24D	1,800 cd
929001146108	MASTER LED 5.5-50W 2700K MR16 36D	1,000 cd
929001146708	MASTER LED 5.5-50W 3000K MR16 24D	1,800 cd
929001146808	MASTER LED 5.5-50W 4000K MR16 24D	1,800 cd



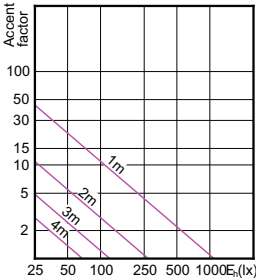
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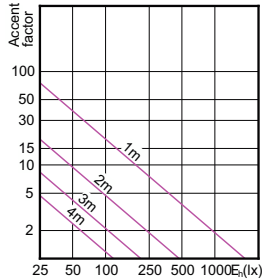
Accent Diagrams



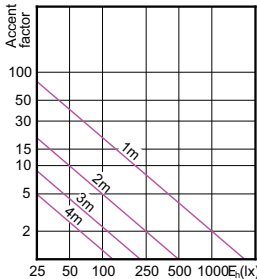
Accent Diagram - MASTER LED 5.5-50W 2700K
MR16 24D



Accent Diagram - MASTER LED 5.5-50W 2700K
MR16 36D



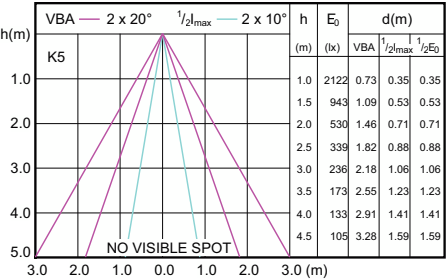
Accent Diagram - MASTER LED 5.5-50W 3000K
MR16 24D



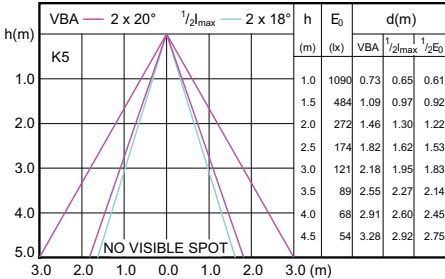
Accent Diagram - MASTER LED 5.5-50W 4000K
MR16 24D

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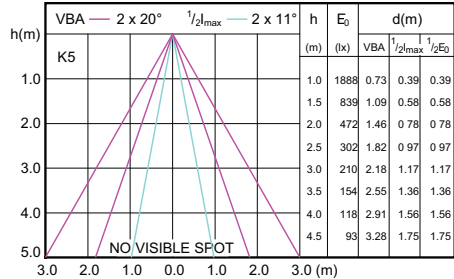
Beam Diagrams



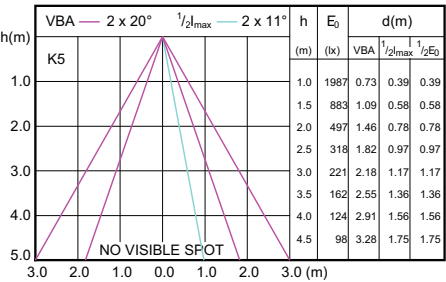
Beam diagram - MASTER LED 5.5-50W 2700K
MR16 24D



Beam diagram - MASTER LED 5.5-50W 2700K
MR16 36D



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



Beam diagram - MASTER LED 5.5-50W 4000K
MR16 24D

