



# 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)

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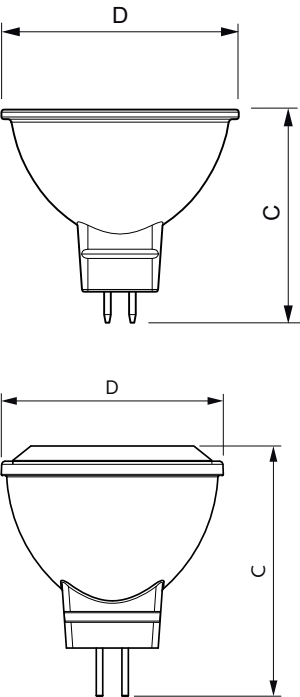
## Warnings and Safety

- 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 SPOT VLE D 7.5-50W MR16 927 36D	2 in	1-13/16 in
MASTER LED spot VLE D 5.8-35W MR16 927 36D	2 in	1-13/16 in
MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	2 in	1-13/16 in
MASTER LED spot VLE D 5.8-35W MR16 927 60D	2 in	1-13/16 in
MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	2 in	1-13/16 in

Product	D	C
MASTER LEDspotLV 3.5-20W 827 MR11 24D	1-7/16 in	1-9/16 in

# MASTER VALUE LEDspot LV

<b>Operating and electrical</b>	
Input Frequency	- Hz
Voltage (Nom)	ac electronic 12 V
Starting Time (Nom)	0.5 s
<b>General information</b>	
Switching Cycle	50000
<b>Light technical</b>	
Llmf At End Of Nominal Lifetime (Nom)	70 %

## Approval and application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
		6 kWh
		6 kWh
366880	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	8 kWh
366898	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	8 kWh

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
366906	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	8 kWh
366955	MASTER LEDSPOTLV 3.5-20W 827 MR11 24D	4 kWh

## Controls and dimming

Order Code	Full Product Name	Dimmable
		Only with specific dimmers
		Only with specific dimmers
366880	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	Only with specific dimmers
366898	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	Only with specific dimmers

Order Code	Full Product Name	Dimmable
366906	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	Only with specific dimmers
366955	MASTER LEDSPOTLV 3.5-20W 827 MR11 24D	No

## Operating and electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Nom)
		35 W	5.8 W
		35 W	5.8 W
366880	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	50 W	7.5 W
366898	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	50 W	7.5 W

Order Code	Full Product Name	Wattage Equivalent	Power (Nom)
366906	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	50 W	7.5 W
366955	MASTER LEDSPOTLV 3.5-20W 827 MR11 24D	20 W	3.5 W

## General information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
		GU5.3	25000 h
		GU5.3	25000 h
366880	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	GU5.3	25000 h
366898	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	GU5.3	25000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
366906	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	GU5.3	25000 h
366955	MASTER LEDSPOTLV 3.5-20W 827 MR11 24D	GU4	40000 h

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Light technical

Order Code	Full Product Name	Beam Angle	Correlated Color		Color Rendering	Luminous Intensity	
		(Nom)	Color Code	Temperature (Nom)	Index (Nom)	Luminous Flux (Nom)	(Nom)
		36 °	927	2700 K	90	450 lm	1300 cd
		60 °	927	2700 K	90	450 lm	600 cd
366880	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	36 °	927	2700 K	90	621 lm	1600 cd
366898	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	36 °	930	3000 K	90	630 lm	1600 cd
366906	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	36 °	940	4000 K	90	660 lm	1500 cd
366955	MASTER LEDSPOTLV 3.5-20W 827 MR11 24D	24 °	827	2700 K	80	200 lm	1000 cd

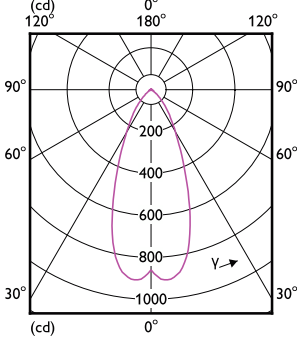
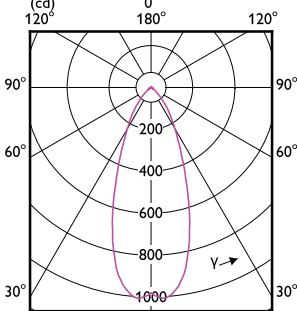
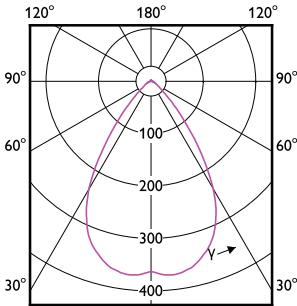
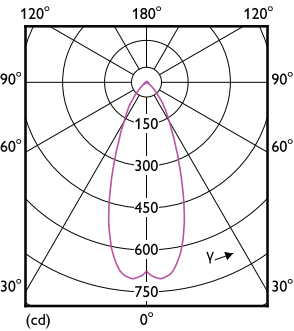
Mechanical and housing

Order Code	Full Product Name	Bulb Shape
		MR16
		MR16
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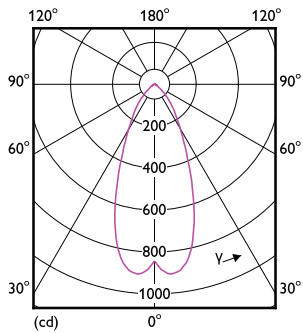
Order Code	Full Product Name	Bulb Shape
366898	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	MR16
366906	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	MR16
366955	MASTER LEDSPOTLV 3.5-20W 827 MR11 24D	MR11

Temperature

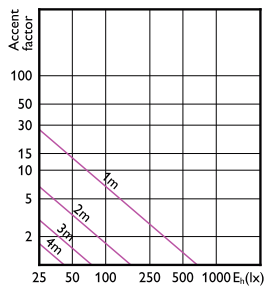
Order Code	Full Product Name	T-Case Maximum (Nom)
		185 °F
		185 °F
366880	MASTER LED SPOT VLE D 7.5-50W MR16 927 36D	203 °F
366898	MASTER LED SPOT VLE D 7.5-50W MR16 930 36D	203 °F
366906	MASTER LED SPOT VLE D 7.5-50W MR16 940 36D	203 °F
366955	MASTER LEDSPOTLV 3.5-20W 827 MR11 24D	185 °F



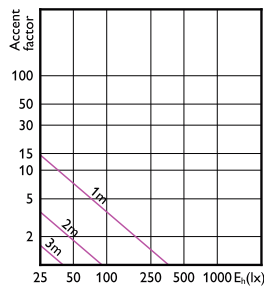
# MASTER VALUE LEDspot LV



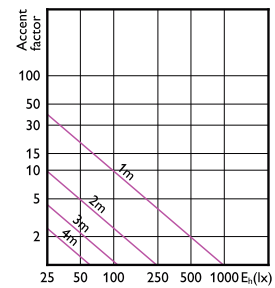
Accent Diagrams



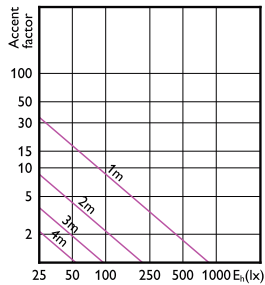
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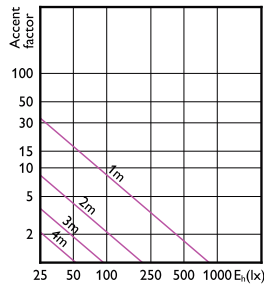
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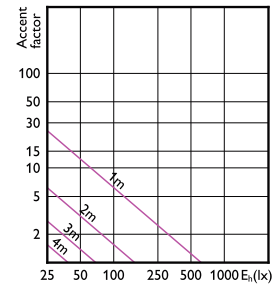
LEDspots MAS 7,5W MR16 GU5,3 927 36D



LEDspots MAS 7,5W MR16 GU5,3 930 36D

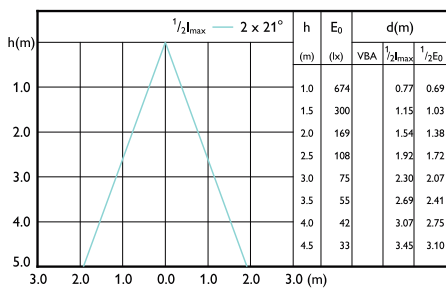


LEDspots MAS 7,5W MR16 GU5,3 940 36D

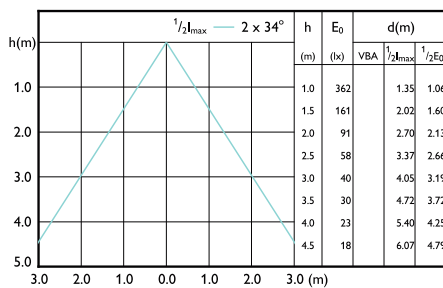


LEDspots MAS SLR 2 3,5W MR11 GU4 827 24D-LA2-LA2

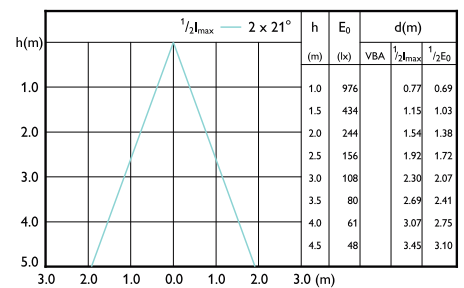
## Beam Diagrams



LEDspots MAS 5,8W MR16 GU5,3 927 36D



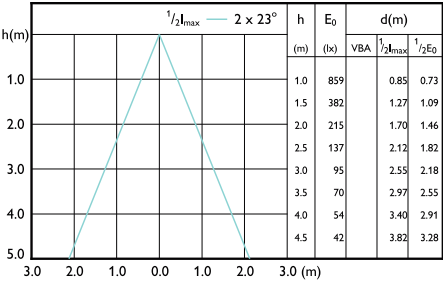
LEDspots MAS 5,8W MR16 GU5,3 927 60D



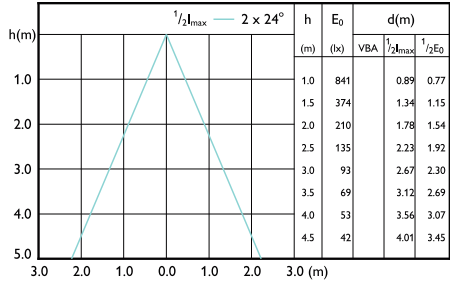
LEDspots MAS 7,5W MR16 GU5,3 927 36D

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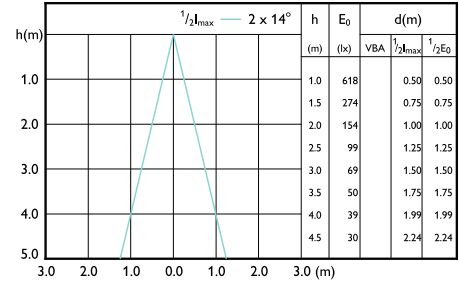
Beam Diagrams



LEDspots MAS 7,5W MR16 GU5,3 930 36D



LEDspots MAS 7,5W MR16 GU5,3 940 36D



LEDspots MAS SLR 2 3,5W MR11 GU4 827 24D-LBP-LBP

