



MASTER VALUE LEDspot MV



MASTER LEDspotVLE D 4.9-50W GU10 940 36D UK

Delivering a warm, halogen-like accent beam, the MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it achieves more natural colours, creating cosy and comfortable ambience for residential and hospitality projects, and emphasising the beauty of merchandise in retail. These LED spots MV GU10 have the familiar look and feel of spot lamps, keeping the classic beauty of glass spots and adding the strong performance of LED technology. The dimming function enables you to create the atmosphere you desire, and it works with broad selection of dimmers. The MASTER VALUE also offers more energy savings than normal LED spots.

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

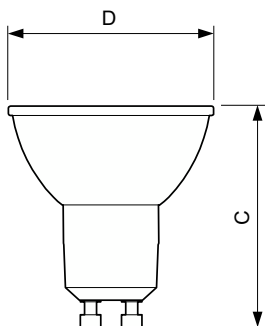
General Information			
Cap base	GU10	Luminous intensity (nom.)	700 cd
Nominal lifetime	25,000 h	Colour designation	Cool White (CW)
Switching Cycle	50,000	Correlated Colour Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	77.00 lm/W
Light Technical		Colour consistency	<6
Colour Code	940 [CCT of 4000K]	Colour rendering index (CRI)	90
Beam angle (nom.)	36 degree(s)	LLMF at end of nominal lifetime (nom.)	70 %
Luminous Flux	380 lm	Luminous flux in 90° cone (rated)	380 lm
		Photobiological safety according to EN 62471	RG1

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Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	4.9 W
Lamp current (nom.)	27 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	65 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	PAR16
Net Weight (Piece)	0.038 kg
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes

Energy consumption kWh/1,000 hours	5 kWh
EPREL Registration Number	391889
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LEDspotVLE D 4.9-50W GU10 940 36D UK
Full product name	MASTER LEDspotVLE D 4.9-50W GU10 940 36D UK
Full EOC	871869670789001
Order code	70789001
Material no. (12 NC)	929001349099
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707890
Numerator – packs per outer box	10
EAN/UPC – Case	8719514405769

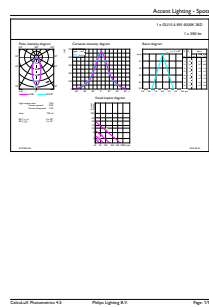
Dimensional drawing



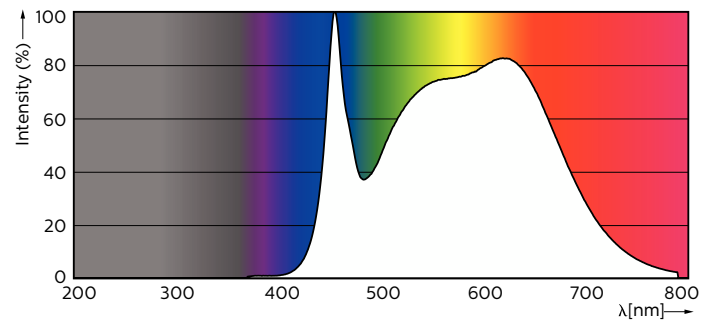
Product	D	C
MAS LEDspotVLE D 4.9-50W GU10 940 36D UK	50 mm	54 mm

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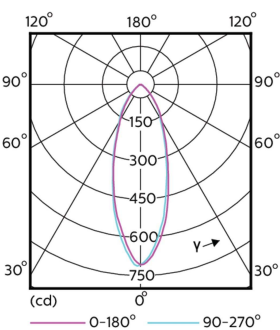
Photometric data



Accent Lighting Spots - MAS LEDspotVLE D 4.9-50W GU10 940 36D UK

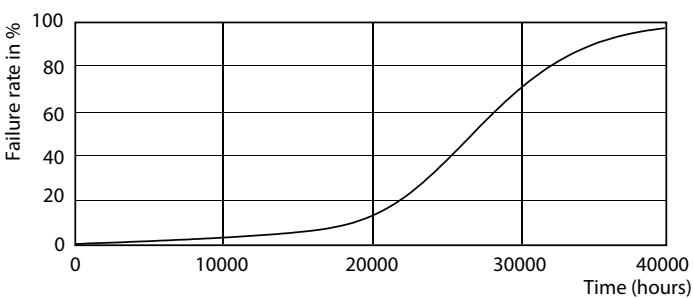


Spectral Power Distribution Colour - MAS LEDspotVLE D 4.9-50W GU10 940 36D UK

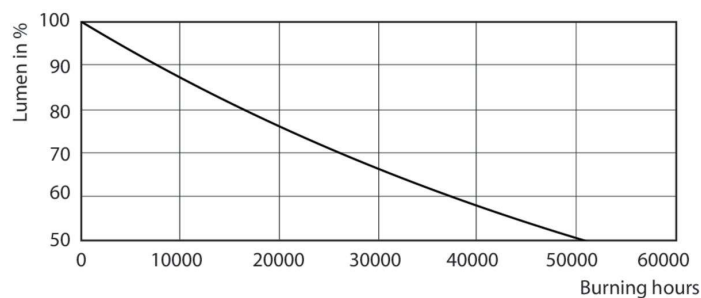


Light Distribution Diagram - MAS LEDspotVLE D 4.9-50W GU10 940 36D UK

Lifetime



25K LED



Lumen Maintenance Diagram - MAS LEDspotVLE D 4.9-50W GU10 940 36D UK

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