



MASTER VALUE LEDspot MV

MASTER LED spot VLE D 4.9-50W GU10 940 60D

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

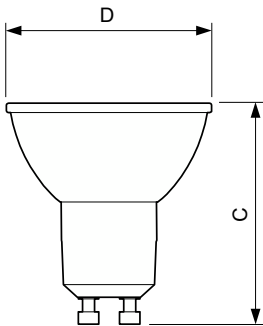
General Information		Light Technical	
Cap base	GU10	Luminous intensity (nom.)	400 cd
Nominal lifetime	25,000 h	Luminous efficacy (rated) (nom.)	85.71 lm/W
Switching Cycle	50,000	Colour designation	Cool White (CW)
Lighting Technology	LED	Correlated Colour Temperature	4000 K
Flux measurement reference	Narrow Cone	Colour consistency	<6
		Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
		Luminous flux in 90° cone (rated)	380 lm
		Flickering value (PstLM)	1
		Stroboscopic effect	0.4

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Photobiological safety according to EN 62471 RG1	
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.)	80 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	PAR16
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes

Energy consumption kWh/1,000 hours	5 kWh
EPREL registration number	391892
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED spot VLE D 4.9-50W GU10 940 60D
Full product name	MASTER LED spot VLE D 4.9-50W GU10 940 60D
Full EOC	871869670795100
Order code	70795100
Material no. (12 NC)	929001349302
Numerator – quantity per pack	1
Net Weight (Piece)	0.038 kg
EAN/UPC – Product/Case	8718696707951
Numerator – packs per outer box	10
EAN/UPC - Case	8718696707968

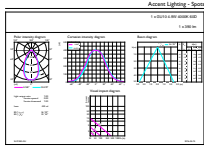
Dimensional drawing



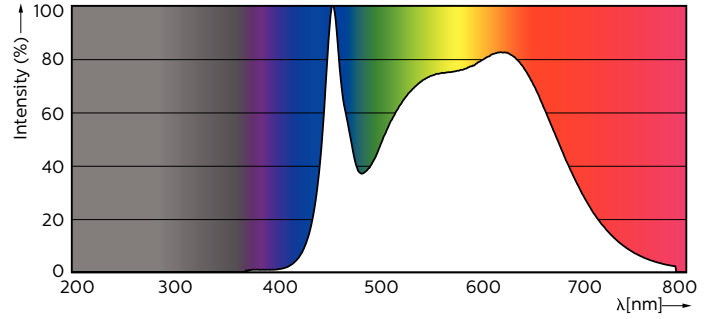
Product	D	C
MAS LED spot VLE D 4.9-50W GU10 940 60D	50 mm	54 mm

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Photometric data

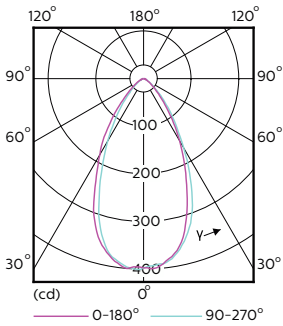


General Parameters 4.1 Photo Lighting 8.1 Page 17



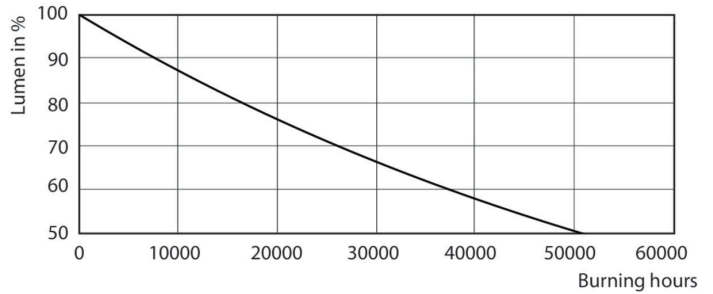
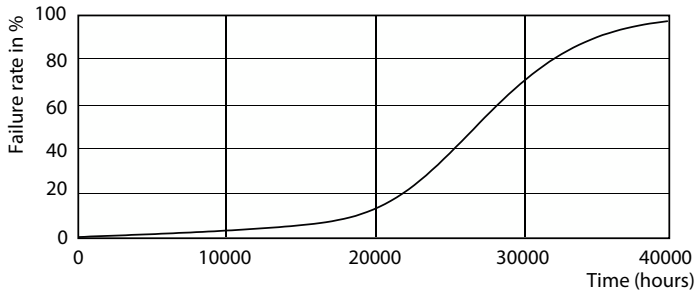
Accent Lighting Spots - MAS LED spot VLE D 4.9-50W GU10 940 60D

Spectral Power Distribution Colour - MAS LED spot VLE D 4.9-50W GU10 940 60D



Light Distribution Diagram - MAS LED spot VLE D 4.9-50W GU10 940 60D

Lifetime



25K LED

Lumen Maintenance Diagram - MAS LED spot VLE D 4.9-50W GU10 940 60D

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