



MASTER VALUE LEDspot MV

MASTER LEDspot VLE D 650lm GU10 930 120D 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.)	200 cd
Nominal lifetime	25,000 h	Colour designation	White (WH)
Switching Cycle	50,000	Correlated Colour Temperature (Nom)	3000 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	104.00 lm/W
		Colour consistency	<6
		Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
		Photobiological safety according to EN 62471	RG1
Light Technical			
Colour Code	930 [CCT of 3000K]		
Beam angle (nom.)	120 degree(s)		
Luminous Flux	650 lm		

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Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	6.2 W
Lamp current (nom.)	33 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.88
Voltage (nom.)	220-240 V

Temperature	
T-Case maximum (nom.)	80 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb shape	PAR16
Net Weight (Piece)	0.038 kg

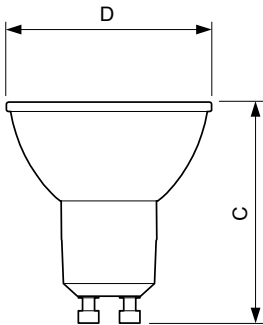
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	7 kWh

EPREL Registration Number	391917
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 LEDspot VLE D 650lm GU10 930 120D UK
Full product name	MASTER LEDspot VLE D 650lm GU10 930 120D UK
Full EOC	871869970609801
Order code	70609801
Material no. (12 NC)	929002210099
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699706098
Numerator – packs per outer box	10
EAN/UPC - Case	8719514405592

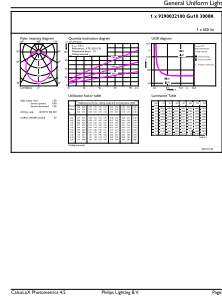
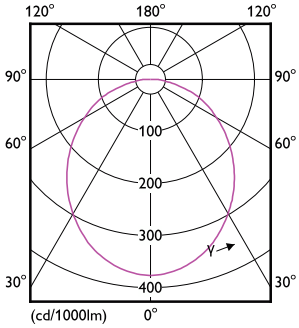
Dimensional drawing



Product	D	C
MAS LEDspot VLE D 650lm GU10 930 120D UK	50 mm	54 mm

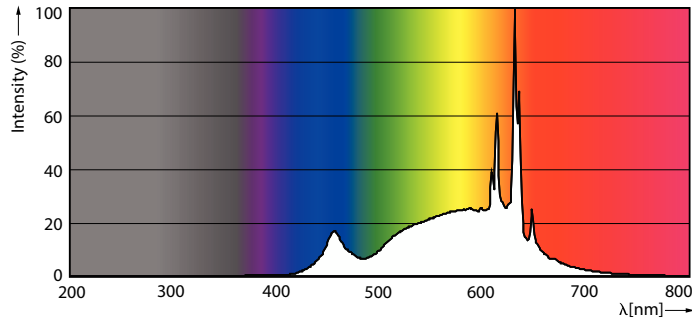
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Photometric data



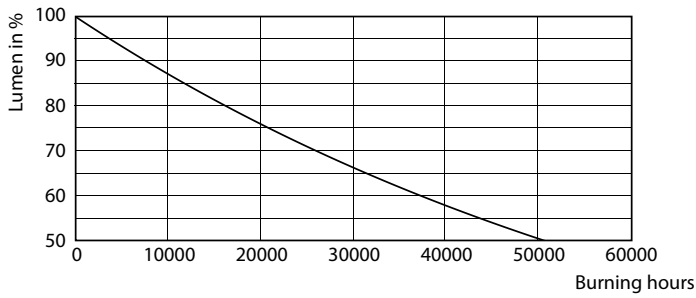
Light Distribution Diagram - MAS LEDspot VLE D 650lm GU10 930 120D UK

Accent Lighting Spots - MAS LEDspot VLE D 650lm GU10 930 120D UK

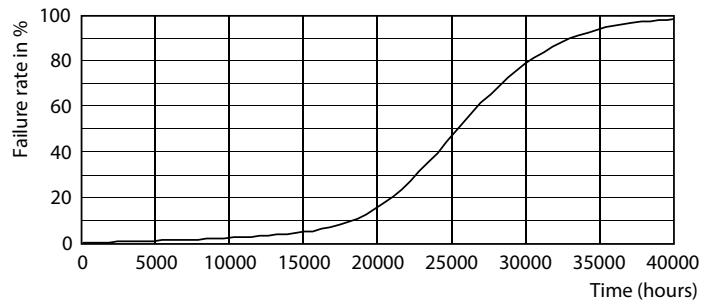


Spectral Power Distribution Colour - MAS LEDspot VLE D 650lm GU10 930 120D UK

Lifetime



Lumen Maintenance Diagram - MAS LEDspot VLE D 650lm GU10 930 120D UK



25K LED

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