



# 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

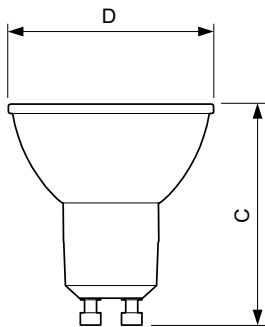
### Product data

General Information			
Cap base	GU10	Luminous intensity (nom.)	200 cd
Nominal lifetime	25,000 h	Luminous efficacy (rated) (nom.)	104.00 lm/W
Switching Cycle	50,000	Colour designation	White (WH)
Lighting Technology	LED	Correlated Colour Temperature	3000 K
Light Technical		Colour consistency	<6
Colour Code	930 [CCT of 3000K]	Colour rendering index (CRI)	90
Beam angle (nom.)	120 degree(s)	LLMF at end of nominal lifetime (nom.)	70 %
Luminous Flux	650 lm	Flickering value (PstLM)	1
		Stroboscopic effect	0.4

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Photobiological safety according to EN 62471 RG1	
<b>Operating and Electrical</b>	
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
<b>Temperature</b>	
T-Case maximum (nom.)	80 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb shape	PAR16
<b>Approval and Application</b>	
Energy Efficiency Class	F
Suitable for accent lighting	No

## Dimensional drawing

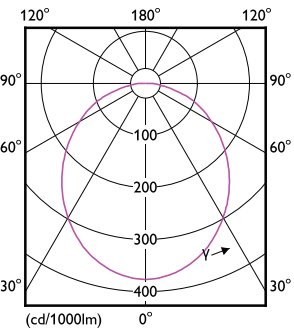


Energy consumption kWh/1,000 hours	7 kWh
EPREL registration number	391917
EU RoHS compliant	Yes
EyeComfort	Yes
<b>Application Conditions</b>	
Can it be used in closed luminaires	No
<b>Product Data</b>	
Order product name	MAS LEDspot VLE D 650lm GU10 930 120D UK
Full product name	MASTER LEDspot VLE D 650lm GU10 930 120D UK
Full EOC	871869970609801
Order code	70609801
Material no. (12 NC)	929002210099
Numerator – quantity per pack	1
Net Weight (Piece)	0.038 kg
EAN/UPC – Product/Case	8718699706098
Numerator – packs per outer box	10
EAN/UPC - Case	8719514405592

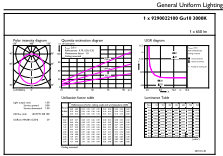
Product	D	C
MAS LEDspot VLE D 650lm GU10 930 120D UK	50 mm	54 mm

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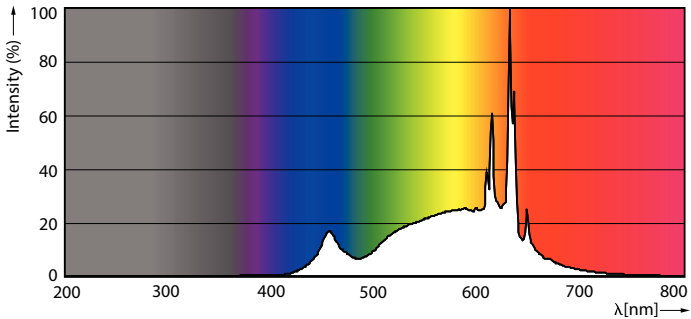
## Photometric data



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

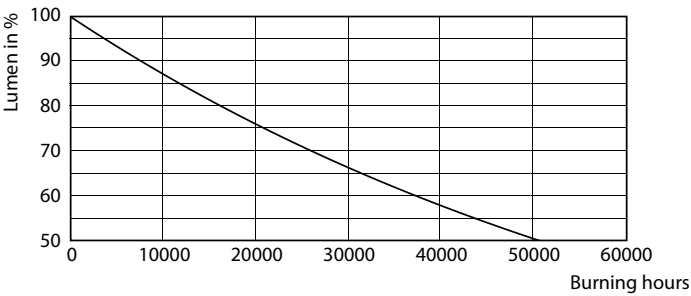


Accent Lighting Spots - MAS LEDspot VLE D 650lm GU10 930 120D UK

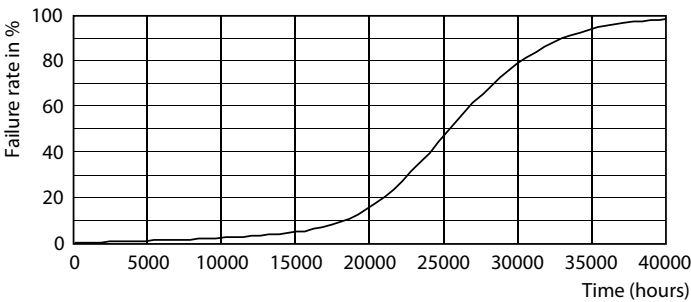


Spectral Power Distribution Colour - MAS LEDspot VLE D 650lm GU10 930 120D UK

## Lifetime



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



25K LED

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