



MASTER VALUE LEDspot MV

MASTER LED spot VLE D 650lm GU10 930 120D

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

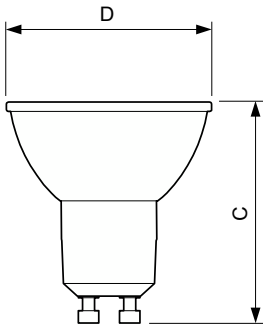
General Information			
Cap base	GU10	Luminous Flux	650 lm
Nominal lifetime	25,000 h	Luminous intensity (nom.)	200 cd
Switching Cycle	50,000	Colour designation	White (WH)
Lighting Technology	LED	Correlated Colour Temperature	3000 K
Flux measurement reference	Sphere	Luminous efficacy (rated) (nom.)	104.00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

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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	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	Only with specific dimmers
Mechanical and Housing	
Bulb shape	PAR16
Approval and Application	
Energy Efficiency Class	F

Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	7 kWh
EPREL registration number	391917
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED spot VLE D 650lm GU10 930 120D
Full product name	MASTER LED spot VLE D 650lm GU10 930 120D
Full EOC	871869970609800
Order code	70609800
Material no. (12 NC)	929002210002
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699706098
Numerator – packs per outer box	10
EAN/UPC - Case	8718699706531

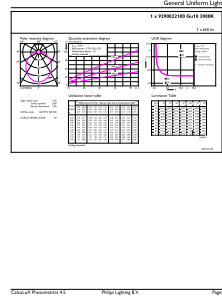
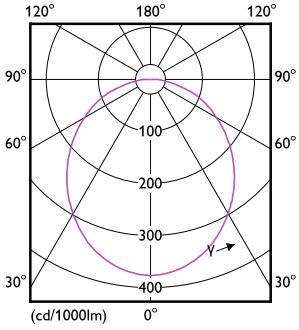
Dimensional drawing



Product	D	C
MAS LED spot VLE D 650lm GU10 930 120D	50 mm	54 mm

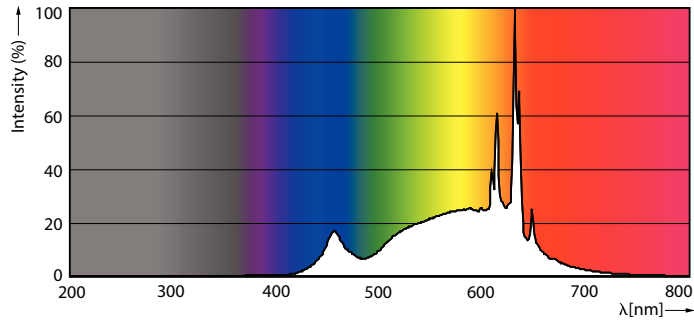
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Photometric data



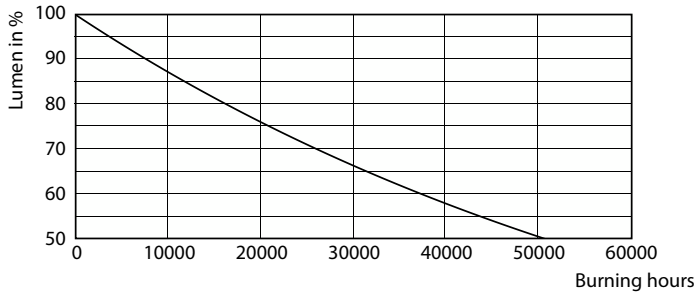
Light Distribution Diagram - MAS LED spot VLE D 650lm GU10 930 120D

Accent Lighting Spots - MAS LED spot VLE D 650lm GU10 930 120D

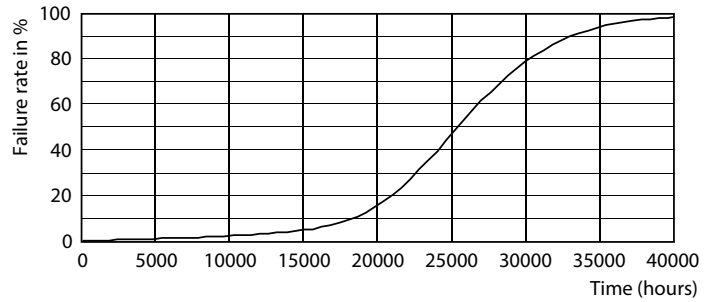


Spectral Power Distribution Colour - MAS LED spot VLE D 650lm GU10 930 120D

Lifetime



Lumen Maintenance Diagram - MAS LED spot VLE D 650lm GU10 930 120D



Life Expectancy Diagram - MAS LED spot VLE D 650lm GU10 930 120D

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