



MASTER VALUE LEDspot MV

MASTER LED spot VLE D 680lm GU10 965 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

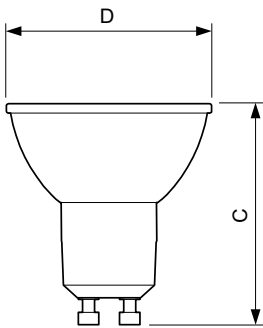
General information		Luminous intensity (nom.)	
Lighting Technology	LED		200 cd
Flux measurement reference	Sphere	Colour designation	6,500 Kelvin
Switching Cycle	50,000	Correlated Colour Temperature	6500 K
Nominal lifetime	25,000 h	Luminous Efficacy (rated) (Nom)	109.00 lm/W
Cap base	GU10 [GU10]	Colour consistency	<6
		Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
Light technical		Operating and electrical	
Colour Code	6500	Line Frequency	50 to 60 Hz
Beam angle (nom.)	120 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	680 lm		

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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 [PAR 2 inch/50 mm]
Approval and application	
Energy Efficiency Class	F

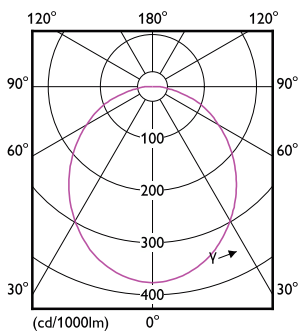
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	7 kWh
EPREL registration number	391919
EU RoHS compliant	Yes
Product data	
Full EOC	871869970613500
Order product name	MAS LED spot VLE D 680lm GU10 965 120D
Order code	70613500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929002210202
Full product name	MASTER LED spot VLE D 680lm GU10 965 120D
EAN/UPC - Case	8718699706579

Dimensional drawing

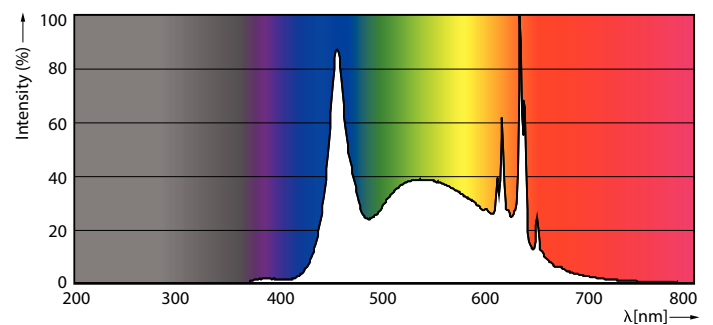


Product	D	C
MAS LED spot VLE D 680lm GU10 965 120D	50 mm	54 mm

Photometric data



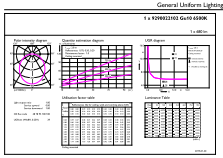
Light Distribution Diagram - MAS LED spot VLE D 680lm GU10 965 120D



Spectral Power Distribution Colour - MAS LED spot VLE D 680lm GU10 965 120D

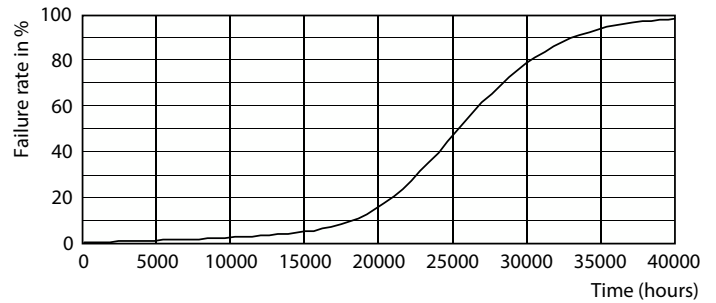
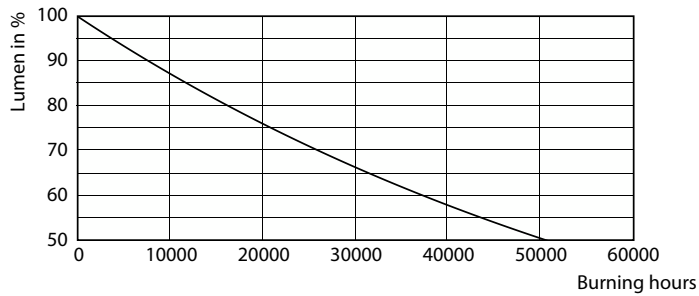
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Photometric data



Accent Lighting Spots - MAS LED spot VLE D 680lm GU10 965 120D

Lifetime



Lumen Maintenance Diagram - MAS LED spot VLE D 680lm GU10 965 120D

Life Expectancy Diagram - MAS LED spot VLE D 680lm GU10 965 120D

