PHILIPS Lighting



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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

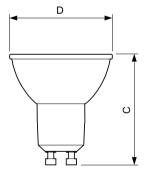
General Information		Luminous intensity (nom.)	200 cd
Cap base	GU10	Colour designation	6,500 Kelvin
Nominal lifetime	25,000 h	Correlated Colour Temperature (Nom)	6500 K
Switching Cycle	50,000	Luminous efficacy (rated) (nom.)	109.00 lm/W
Lighting Technology	LED	Colour consistency	<6
Flux measurement reference	Sphere	Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
Light Technical		Photobiological safety according to EN 62	471 RG1
Colour Code	6500		
Beam angle (nom.)	120 degree(s)	Operating and Electrical	
Luminous Flux	680 lm	Line Frequency	50 to 60 Hz

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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	
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	391919	

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 LED spot VLE D 680lm GU10 965	
	120D	
Full product name	MASTER LED spot VLE D 680lm GU10	
	965 120D	
Full EOC	871869970613500	
Order code	70613500	
Material no. (12 NC)	929002210202	
Numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718699706135	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718699706579	

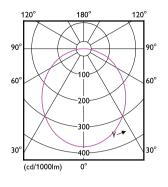
Dimensional drawing

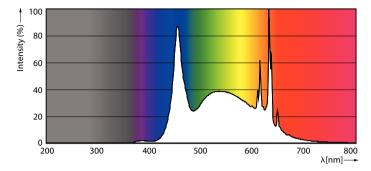


Product	D	с
MAS LED spot VLE D 680lm GU10 965 120D	50 mm	54 mm

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Photometric data





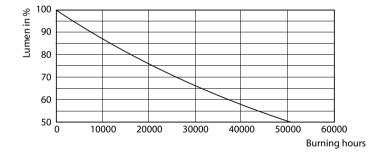
Spectral Power Distribution Colour - MAS LED spot VLE D 680lm GU10 965 120D

		1 x 9290033103 Ga10 6500K
		1 x 680 in
Pair involvy degree	Duarries animation diagram	LGR.digram
	Utilization factor rable	Laminance Table
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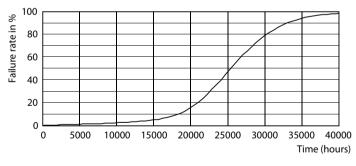
Accent Lighting Spots - MAS LED spot VLE D 680lm GU10 965 120D

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

Lifetime



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



25K LED

MASTER VALUE LEDspot MV



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