PHILIPS Lighting



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MASTER VALUE LEDspot MV

MAS LED spot VLE D 650lm GU10 930 120D

Delivering a warm, halogen-like accent beam, MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it realizes more natural colors, creating cozy and comfortable ambiences for residential and hospitality projects, and emphasizing 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. MASTER VALUE also offers more energy savings that 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

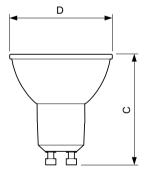
General Information		Luminous Intensity (Nom)	200 cd
Cap-Base	GU10	Color Designation	White (WH)
Nominal lifetime	25,000 hour(s)	Correlated Color Temperature (Nom)	3000 K
Switching Cycle	50,000	Luminous Efficacy (rated) (Nom)	104.00 lm/W
Lighting Technology	LED	Color Consistency	<6
Flux measurement reference	Sphere	Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Photobiological safety according to EN 62471	RG1
Color Code	930 [CCT of 3000K]		
Beam Angle (Nom)	120 degree(s)	Operating and Electrical	
Luminous Flux	650 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/1000 h	7 kWh
EDDEL Desistuation Number	201017
EPREL Registration Number	391917

EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
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	MAS LED spot VLE D 650lm GU10 930
	120D
Full product code	871869970609800
Order code	929002210002
Material Nr. (12NC)	929002210002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699706098
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699706531

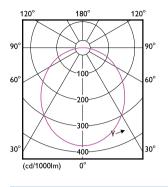
Dimensional drawing



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

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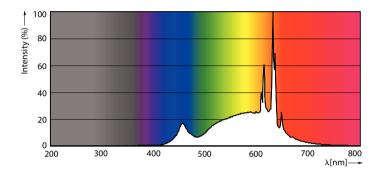
Photometric data



		1 × 9290022100 Gu18 3008K
		1 a Million
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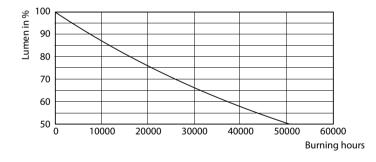
Light Distribution Diagram - MAS LED spot VLE D 650lm GU10 930 120D

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

25K LED

100

80

60

40

20

0

0

5000

10000

15000

Failure rate in %



Datasheet, 2025, March 17

35000 40000

Time (hours)

25000

30000

20000

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