



MASTER VALUE LEDspot MV

MAS LED spot VLE D 680lm GU10 940 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 ambiances 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 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 [GU10]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	680 lumen

Luminous Intensity (Nom)	200 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	109.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz

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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
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Shape	PAR16 [PAR 2 inch/50mm]
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Approval and Application

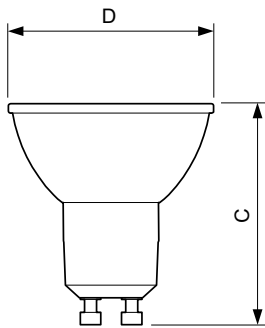
Suitable For Accent Lighting	No
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Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	391,918
EU RoHS compliant	Yes

Product Data

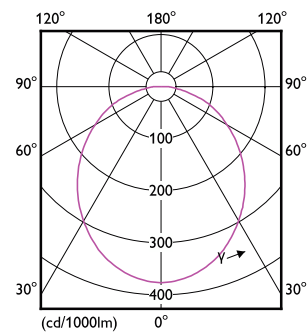
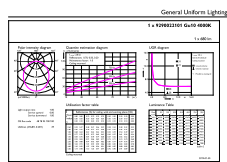
Full product code	871869970611100
Order product name	MAS LED spot VLE D 680lm GU10 940 120D
Order code	929002210102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002210102
Full product name	MAS LED spot VLE D 680lm GU10 940 120D
EAN/UPC - Case	8718699706555

Dimensional drawing



Product	D	C
MAS LED spot VLE D 680lm GU10 940 120D	50 mm	54 mm

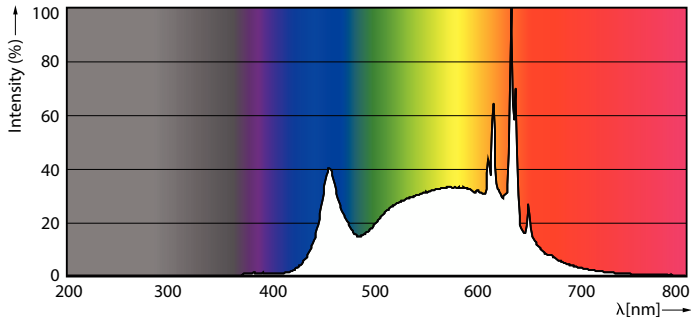
Photometric data



Light Distribution Diagram - MAS LED spot VLE D 680lm GU10 940 120D

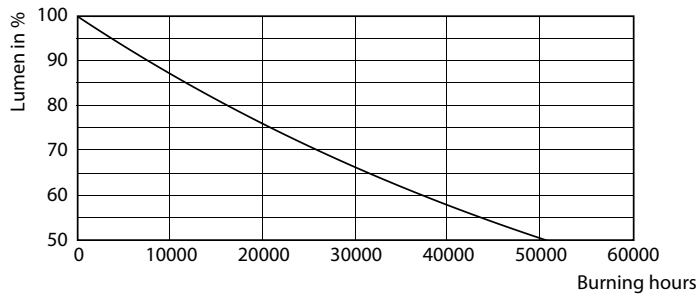
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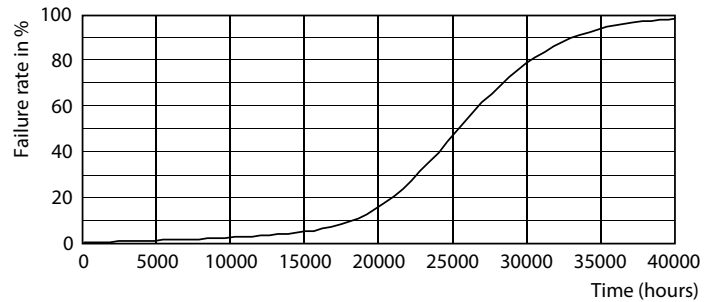


Spectral Power Distribution Colour - MAS LED spot VLE D 680lm GU10 940 120D

Lifetime



Lumen Maintenance Diagram - MAS LED spot VLE D 680lm GU10 940 120D



Life Expectancy Diagram - MAS LED spot VLE D 680lm GU10 940 120D

