



# MASTER VALUE LEDspot MV

## MAS LED spot VLE D 650lm GU10 830 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
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	650 lm

Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	92.86 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

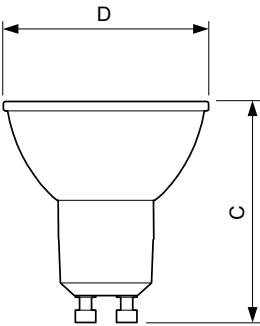
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7 W

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Lamp Current (Nom)	35 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	PAR16 [PAR 2 inch/50mm]

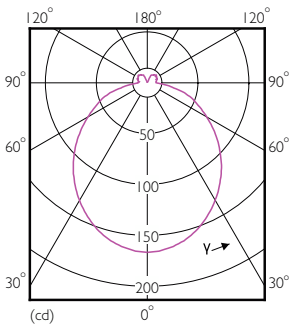
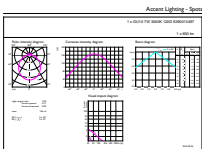
Approval and Application	
Energy Consumption kWh/1000 h	7 kWh
Product Data	
Order product name	MAS LED spot VLE D 650lm GU10 830 120D
Full product name	MAS LED spot VLE D 650lm GU10 830 120D
Full product code	871869672431600
Order code	929001349702
Material Nr. (12NC)	929001349702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696724316
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696724323

Dimensional drawing



Product	D	C
MAS LED spot VLE D 650lm GU10 830 120D	50 mm	54 mm

Photometric data



Accent Lighting Spots - MAS LED spot VLE D 650lm GU10 830 120D

Light Distribution Diagram - MAS LED spot VLE D 650lm GU10 830 120D

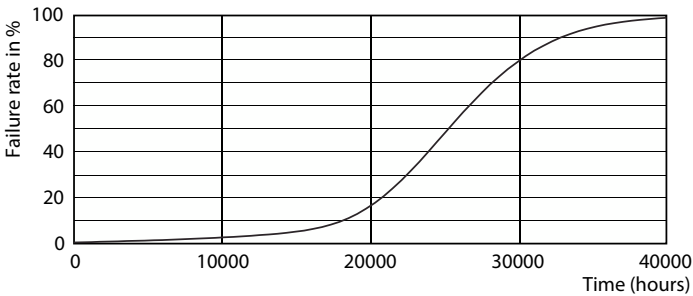
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Photometric data

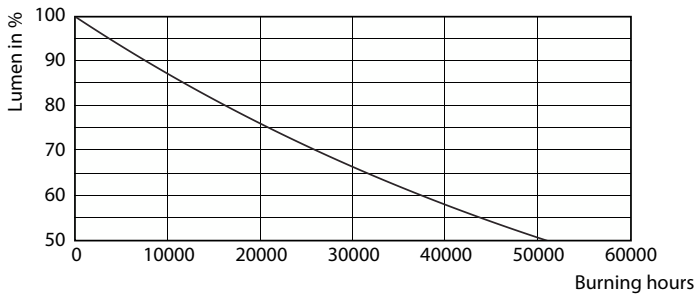


Spectral Power Distribution Colour - MAS LED spot VLE D 650lm GU10 830 120D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 650lm GU10 830 120D



Lumen Maintenance Diagram - MAS LED spot VLE D 650lm GU10 830 120D

