

MASTER VALUE LEDspot MV

MAS LED spot VLE DT 4.9-50W GU10 927 36D

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	
Cap-Base	GU10
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	922-927 [CCT of 2200K-2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	355 lm
Luminous Intensity (Nom)	650 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	80.61 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	355 lm

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Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.9 W
Lamp Current (Nom)	27 mA
Wattage Equivalent	50 W
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)	80 °C

Controls and Dimming

Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Shape	PAR16

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	400288
EyeComfort	Yes

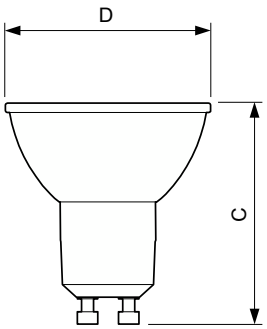
Application Conditions

can it be used in closed luminaires	No

Product Data

Order product name	MAS LED spot VLE DT 4.9-50W GU10 927 36D
Full product name	MAS LED spot VLE DT 4.9-50W GU10 927 36D
Full product code	871869670811800
Order code	929001350302
Material Nr. (12NC)	929001350302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696708118
Numerator - Packs per outer box	10
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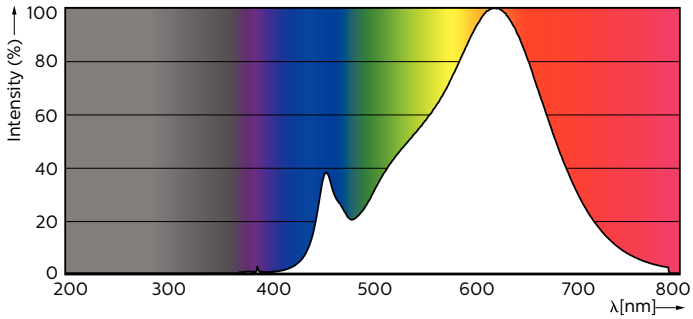
Dimensional drawing



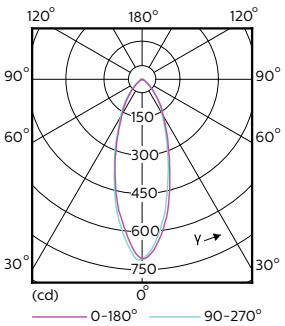
Product	D	C
MAS LED spot VLE DT 4.9-50W GU10 927 36D	50 mm	54 mm

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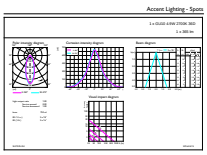
Photometric data



Spectral Power Distribution Colour - MAS LED spot VLE DT 4.9-50W GU10 927 36D

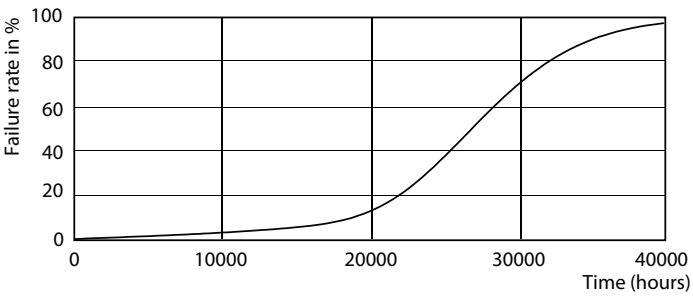


Light Distribution Diagram - MAS LED spot VLE DT 4.9-50W GU10 927 36D



Accent Lighting Spots - MAS LED spot VLE DT 4.9-50W GU10 927 36D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE DT 4.9-50W GU10 927 36D



Lumen Maintenance Diagram - MAS LED spot VLE DT 4.9-50W GU10 927 36D

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2024, March 14 - data subject to change