



# MASTER VALUE LEDspot MV

## MAS LED spot VLE D 4.9-50W GU10 940 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 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 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	940 [CCT of 4000K]

Beam Angle (Nom)	36 degree(s)
Luminous Flux	380 lm
Luminous Intensity (Nom)	700 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	85.71 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	380 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
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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Bulb Shape	PAR16
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## Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	391889
EyeComfort	Yes

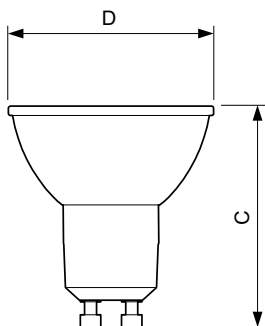
## Application Conditions

can it be used in closed luminaires	No
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## Product Data

Order product name	MAS LED spot VLE D 4.9-50W GU10 940 36D
Full product name	MAS LED spot VLE D 4.9-50W GU10 940 36D
Full product code	871869670789000
Order code	929001349002
Material Nr. (12NC)	929001349002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707890
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707906

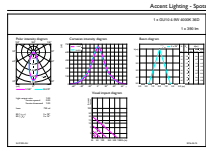
## Dimensional drawing



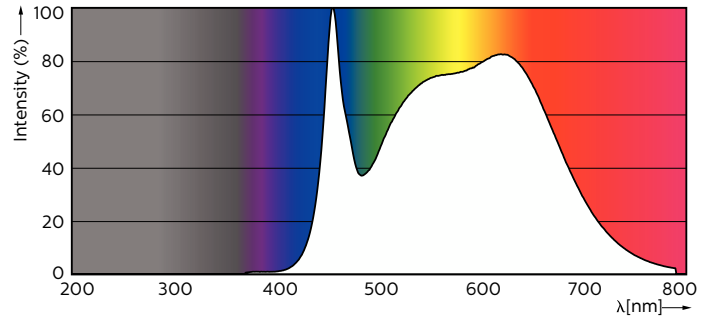
Product	D	C
MAS LED spot VLE D 4.9-50W GU10 940 36D	50 mm	54 mm

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## Photometric data

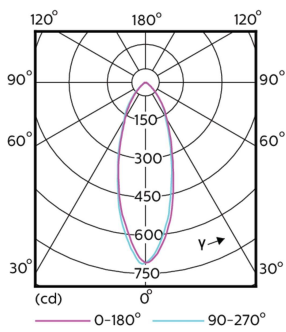


General Parameters 4.1 Photo Lighting 8.1 Page 17



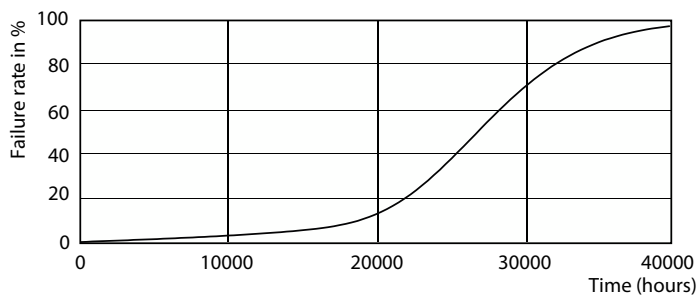
Accent Lighting Spots - MAS LED spot VLE D 4.9-50W GU10 940 36D

Spectral Power Distribution Colour - MAS LED spot VLE D 4.9-50W GU10 940 36D

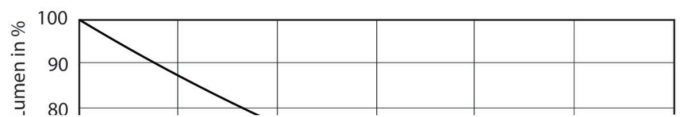


Light Distribution Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

## Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D



Lumen Maintenance Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

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