



# MASTER VALUE LEDspot MV

## MAS LEDspot VLE D 4.7-50W GU10 83036D5CT

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
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	345 lm

Luminous Intensity (Nom)	650 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	73.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	345 lm
Photobiological safety according to EN 62471	RG1

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Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.7 W
Lamp Current (Nom)	25 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
Net Weight (Piece)	0.050 kg

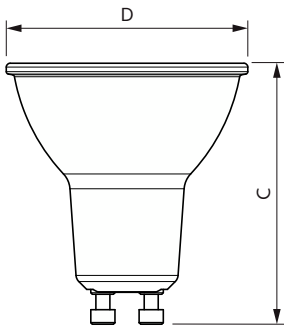
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh

EPREL Registration Number	1825219
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.6

Application Conditions	
can it be used in closed luminaires	No

Product Data	
Order product name	MAS LEDspot VLE D 4.7-50W GU10 83036D5CT
Full product name	MAS LEDspot VLE D 4.7-50W GU10 83036D5CT
Full product code	871951431214200
Order code	929002995552
Material Nr. (12NC)	929002995552
Numerator - Quantity Per Pack	5
EAN/UPC - Product/Case	8719514312142
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514312159

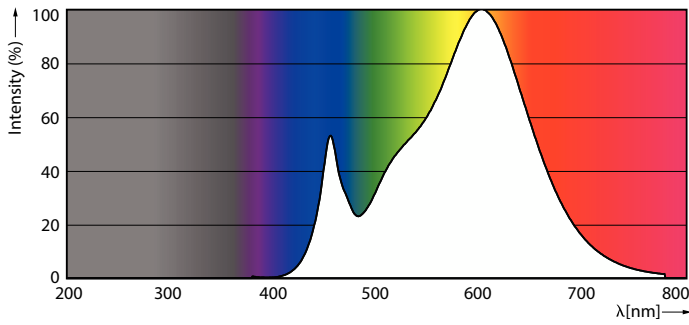
## Dimensional drawing



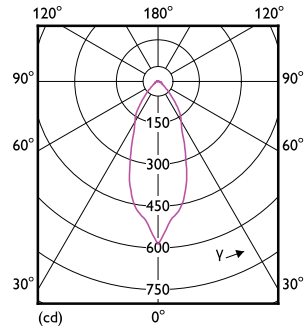
Product	D	C
MAS LEDspot VLE D 4.7-50W GU10 83036D5CT	50 mm	54 mm

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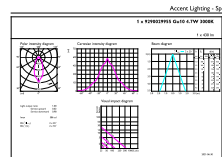
## Photometric data



Spectral Power Distribution Colour - MAS LEDspot VLE D 4.7-50W GU10 83036D5CT



Light Distribution Diagram - MAS LEDspot VLE D 4.7-50W GU10 83036D5CT



Accent Lighting Spots - MAS LEDspot VLE D 4.7-50W GU10 83036D5CT

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDspot VLE D 4.7-50W GU10 83036D5CT

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