



# MASTER VALUE LEDspot MV

## MAS LED spot VLE D 3.7-35W GU10 930 60D

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	930 [CCT of 3000K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	270 lm

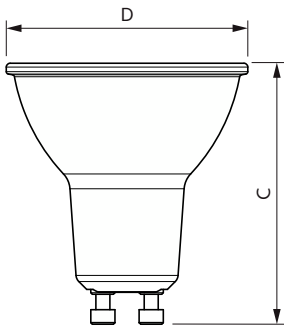
Luminous Intensity (Nom)	300 cd
Luminous Efficacy (rated) (Nom)	72.00 lm/W
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	270 lm
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.6

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Photobiological safety according to EN 62471	RG1
<b>Operating and Electrical</b>	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	3.7 W
Lamp Current (Nom)	18 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case Maximum (Nom)	70 °C
<b>Controls and Dimming</b>	
Dimmable	Only with specific dimmers
<b>Mechanical and Housing</b>	
Bulb Shape	PAR16
<b>Approval and Application</b>	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1825226
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
<b>Application Conditions</b>	
can it be used in closed luminaires	No
<b>Product Data</b>	
Order product name	MAS LED spot VLE D 3.7-35W GU10 930 60D
Full product name	MAS LED spot VLE D 3.7-35W GU10 930 60D
Full product code	871951431230200
Order code	929002979902
Material Nr. (12NC)	929002979902
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.038 kg
EAN/UPC - Product/Case	8719514312302
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514312319

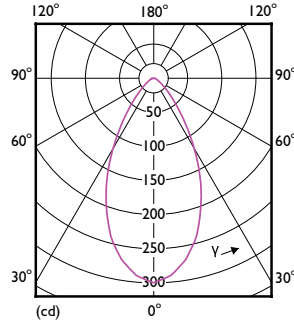
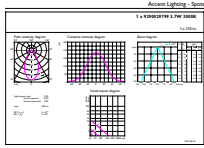
## Dimensional drawing



Product	D	C
MAS LED spot VLE D 3.7-35W GU10 930 60D	50 mm	54 mm

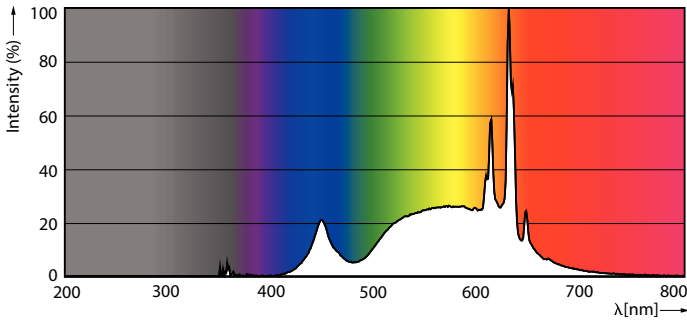
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## Photometric data



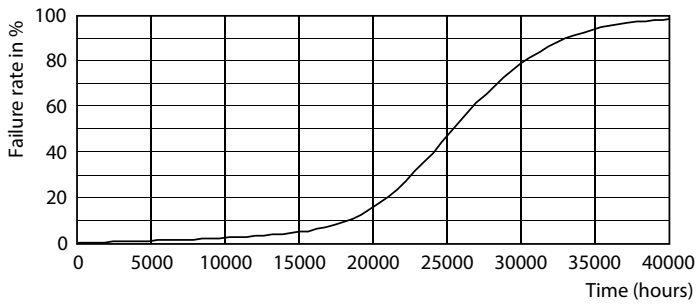
Accent Lighting Spots - MAS LED spot VLE D 3.7-35W GU10 930 60D

Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 930 60D

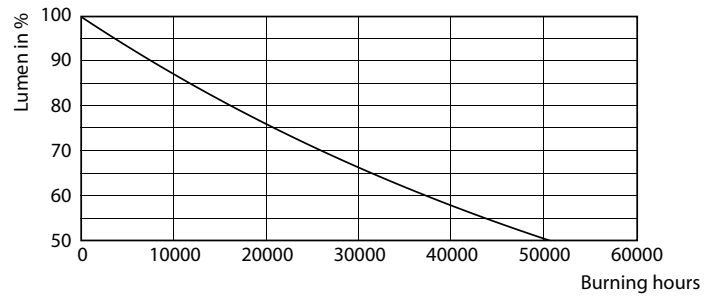


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 930 60D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-35W GU10 930 60D

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