



MASTER VALUE LEDspot MV

MAS LED spot VLE D 5.5-80W 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

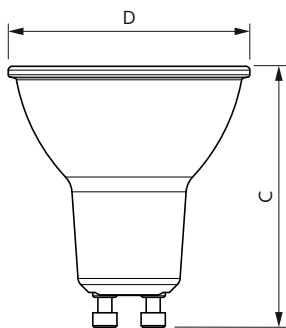
General Information	
Cap-Base	GU10
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	575 lm

Luminous Intensity (Nom)	1,000 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	104 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	575 lm
Photobiological safety according to EN 62471	RG1

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Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	5.5 W
Lamp Current (Nom)	27 mA
Wattage Equivalent	80 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
Temperature	
T-Case Maximum (Nom)	66 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.050 kg
Approval and Application	
Energy Efficiency Class	E
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh

Dimensional drawing



EPREL Registration Number	2192981
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)	0.4
Ambient temperature range	-20 to +45 °C

Application Conditions

can it be used in closed luminaires	No
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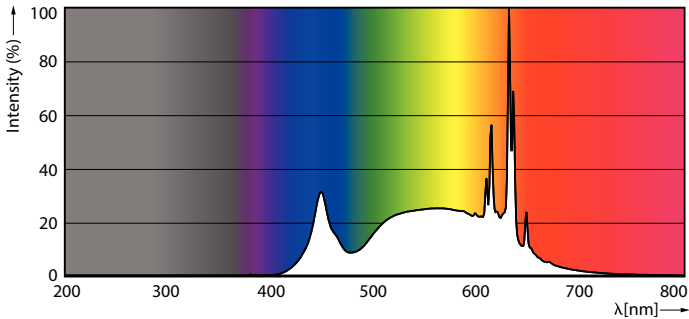
Product Data

Order product name	MAS LED spot VLE D 5.5-80W GU10 940 36D
Full product name	MAS LED spot VLE D 5.5-80W GU10 940 36D
Full product code	872110303823400
Order code	929004256002
Material Nr. (12NC)	929004256002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103038234
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103038241

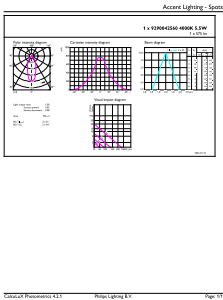
Product	D	C
MAS LED spot VLE D 5.5-80W GU10 940 36D	50 mm	54 mm

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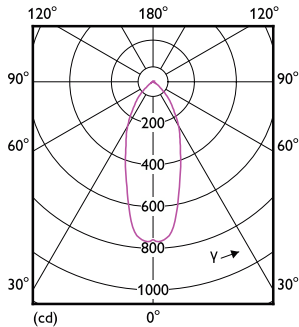
Photometric data



Spectral Power Distribution Colour - MAS LED spot VLE D 5.5-80W GU10 940 36D

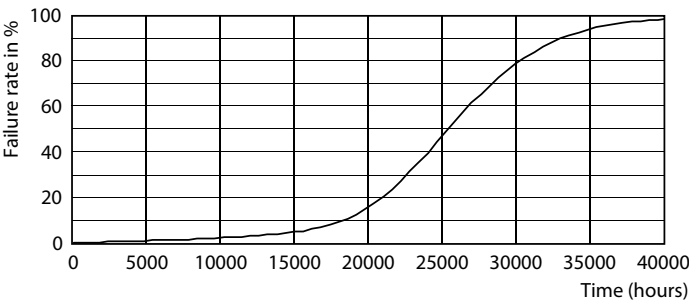


Accent Lighting Spots - MAS LED spot VLE D 5.5-80W GU10 940 36D

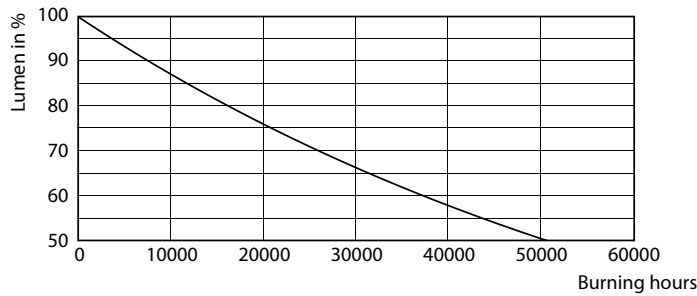


Light Distribution Diagram - MAS LED spot VLE D 5.5-80W GU10 940 36D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLE D 5.5-80W GU10 940 36D

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