



MASTER VALUE LEDspot MV

MASTER LED spot VLE D 4.9-50W 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	Beam Angle (Nom)	60 degree(s)
Nominal lifetime	25,000 hour(s)	Luminous Flux	365 lm
Switching Cycle	50,000	Luminous Intensity (Nom)	400 cd
Lighting Technology	LED	Color Designation	White (WH)
Flux measurement reference	Narrow Cone	Correlated Color Temperature (Nom)	3000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	82.65 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
		Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	365 lm
Light Technical			
Color Code	930 [CCT of 3000K]		

MASTER VALUE LEDspot MV

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	391891
EyeComfort	Yes

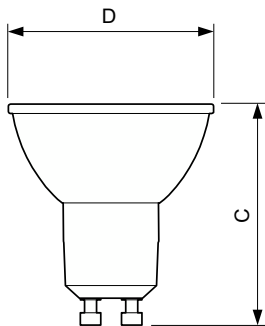
Application Conditions

can it be used in closed luminaires	No
-------------------------------------	----

Product Data

Order product name	MAS LED spot VLE D 4.9-50W GU10 930 60D
Full product name	MASTER LED spot VLE D 4.9-50W GU10 930 60D
Full product code	871869670793700
Order code	70793700
Material Nr. (12NC)	929001349202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707937
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707944

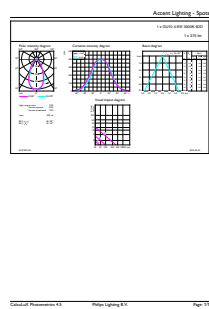
Dimensional drawing



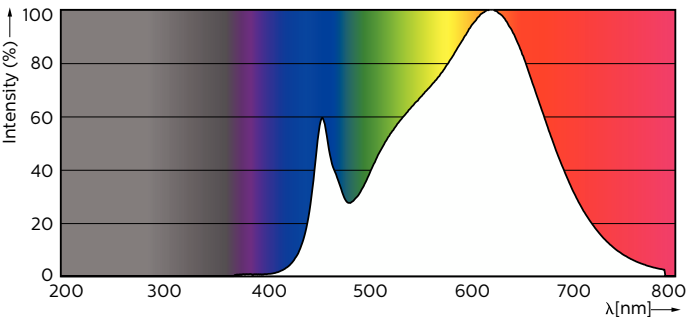
Product	D	C
MAS LED spot VLE D 4.9-50W GU10 930 60D	50 mm	54 mm

MASTER VALUE LEDspot MV

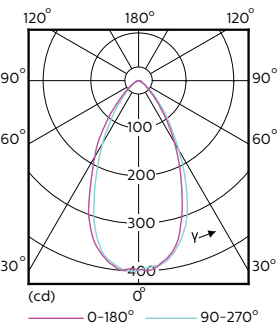
Photometric data



Accent Lighting Spots - MAS LED spot VLE D 4.9-50W GU10 930 60D

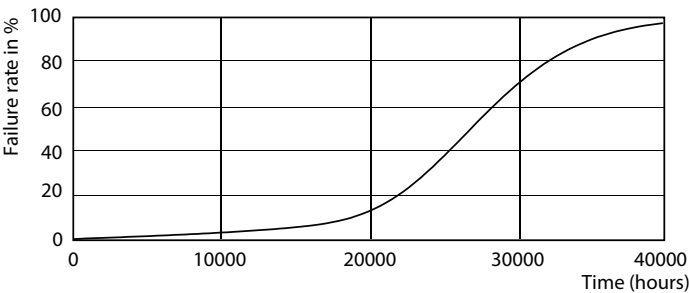


Spectral Power Distribution Colour - MAS LED spot VLE D 4.9-50W GU10 930 60D

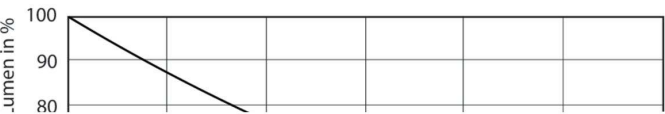


Light Distribution Diagram - MAS LED spot VLE D 4.9-50W GU10 930 60D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 4.9-50W GU10 930 60D



Lumen Maintenance Diagram - MAS LED spot VLE D 4.9-50W GU10 930 60D

MASTER VALUE LEDspot MV

