



MASTER VALUE LEDspot MV

MASTER LED spot VLE D 4.8-50W GU10 927 36D

Delivering a warm, halogen-like accent beam, the MASTER VALUE is a perfect fit for spot lighting. Thanks to its high CRI, it achieves more natural colours, creating cosy and comfortable ambience for residential and hospitality projects, and emphasising 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. The 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

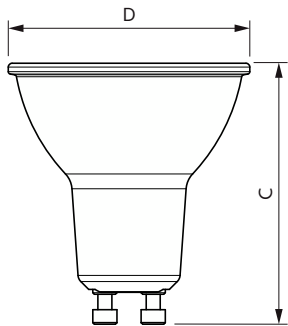
Product data

General Information			
Cap base	GU10	Luminous intensity (nom.)	650 cd
Nominal lifetime	25,000 h	Colour designation	Warm White (WW)
Switching Cycle	50,000	Correlated Colour Temperature (Nom)	2700 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	73 lm/W
Flux measurement reference	Narrow Cone	Colour consistency	<6
		Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
		Luminous flux in 90° cone (rated)	355 lm
		Photobiological safety according to EN 62471	RG1
Light Technical			
Colour Code	927 [CCT of 2700K]		
Beam angle (nom.)	36 degree(s)		
Luminous Flux	355 lm		

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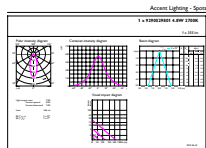
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	4.8 W
Lamp current (nom.)	22 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	80 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	PAR16
Net Weight (Piece)	0.038 kg
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	5 kWh

Dimensional drawing

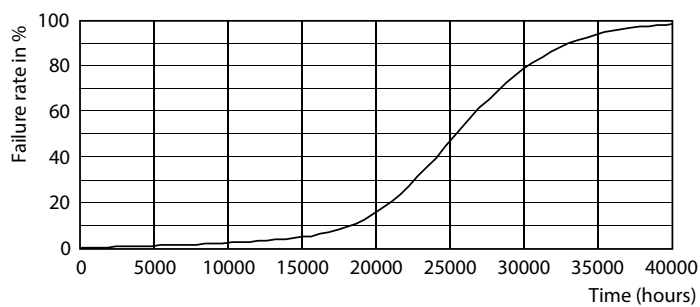


EPREL Registration Number	1825227
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.6
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED spot VLE D 4.8-50W GU10 927 36D
Full product name	MASTER LED spot VLE D 4.8-50W GU10 927 36D
Full EOC	871951430813800
Order code	30813800
Material no. (12 NC)	929002980102
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514308138
Numerator – packs per outer box	10
EAN/UPC – Case	8719514308145

Product	D	C
MAS LED spot VLE D 4.8-50W GU10 927 36D	50 mm	54 mm



Lifetime



The graph illustrates the lumen maintenance of the 100W LED light bulb over time. The y-axis represents 'Lumen in %' from 50 to 100, and the x-axis represents 'Burning hours' from 0 to 60,000. A single line shows a steady decline from 100% at 0 hours to 50% at 50,000 hours.

Burning hours	Lumen in %
0	100
10000	88
20000	76
30000	64
40000	52
50000	50

Datasheet, 2023, April 15

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