PHILIPS Lighting



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MASTER VALUE LEDspot MV

MAS LED spot VLE D 4.9-50W 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 ambiences 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

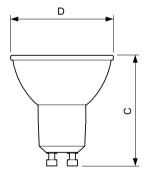
General Information		Luminous Intensity (Nom)	700 cd
Cap-Base	GU10	Color Designation	Cool White (CW)
Nominal lifetime	25,000 hour(s)	Correlated Color Temperature (Nom)	4000 K
Switching Cycle	50,000	Luminous Efficacy (rated) (Nom)	85.71 lm/W
Lighting Technology	LED	Color Consistency	<6
Flux measurement reference	Narrow Cone	Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Luminous Flux in 90° Cone (Rated)	380 lm
Color Code	940 [CCT of 4000K]	Photobiological safety according to EN 62471	RG1
Beam Angle (Nom)	36 degree(s)		
Luminous Flux	380 lm		

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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
Net Weight (Piece)	0.038 kg
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh

EPREL Registration Number	391889	
CE mark	Yes	
EU RoHS compliant	Yes	
EyeComfort	Yes	
Flickering value (PstLM) - Flickering value as	1	
per EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.4	
Application Conditions		
can it be used in closed luminaires	No	
Product Data		
Order product name	MAS LED spot VLE D 4.9-50W GU10	
	940 36D	
Full product name	MAS LED spot VLE D 4.9-50W GU10	
	940 36D	
Full product code	871869670789000	
Order code	929001349002	
Material Nr. (12NC)	929001349002	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696707890	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696707906	

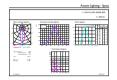
Dimensional drawing

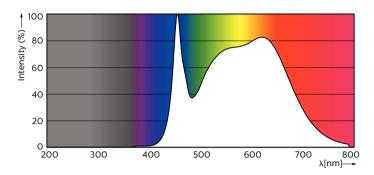


Product	D	С
MAS LED spot VLE D 4.9-50W GU10 940 36D	50 mm	54 mm

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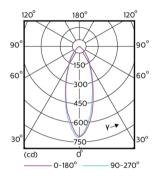
Photometric data





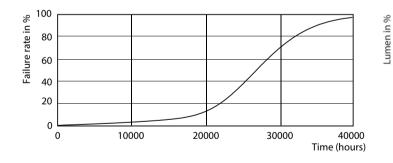
Accent Lighting Spots - MAS LED spot VLE D 4.9-50W GU10 940 36D

Spectral Power Distribution Colour - MAS LED spot VLE D 4.9-50W GU10 940 36D



Light Distribution Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

Lifetime



90 80 70 60 50 0 10000 20000 30000 40000 50000 60000 Burning hours

25K LED

Lumen Maintenance Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

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