PHILIPS Lighting



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MASTER VALUE LEDspot MV

MASTER LED spot VLE D 4.9-50W GU10 940 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

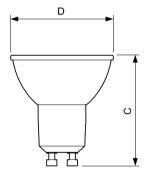
General Information		Beam angle (nom.)	36 degree(s)
Cap base	GU10 [GU10]	Luminous Flux	380 lm
Iominal lifetime	25,000 h	Luminous intensity (nom.)	700 cd
witching Cycle	50,000	Colour designation	Cool White (CW)
_ighting Technology	LED	Correlated Colour Temperature	4000 K
Flux measurement reference	Narrow Cone	Luminous efficacy (rated) (nom.)	85.71 lm/W
E mark	Yes	Colour consistency	<6
U RoHS compliant	Yes	Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
ight Technical		Luminous flux in 90° cone (rated)	380 lm
Colour Code	940 [CCT of 4000K]	Flickering value (PstLM)	1

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Stroboscopic effect	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 [PAR 2 inch/50 mm]

Approval and Application			
Energy Efficiency Class	F		
Suitable for accent lighting	Yes		
Energy consumption kWh/1,000 hours	5 kWh		
EPREL registration number	391889		
EyeComfort	Yes		
Product Data			
Order product name	MAS LED spot VLE D 4.9-50W GU10 940		
	36D		
Full product name	MASTER LED spot VLE D 4.9-50W GU10		
	940 36D		
Full EOC	871869670789000		
Order code	70789000		
Material no. (12 NC)	929001349002		
SAP numerator – quantity per pack	1		
EAN/UPC — Product/Case	8718696707890		
Numerator – packs per outer box	10		
EAN/UPC - Case	8718696707906		

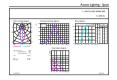
Dimensional drawing

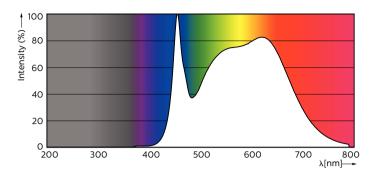


Product	D	с
MAS LED spot VLE D 4.9-50W GU10 940 36D	50 mm	54 mm

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Photometric data

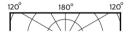




Spectral Power Distribution Colour - MAS LED spot VLE D 4.9-50W GU10

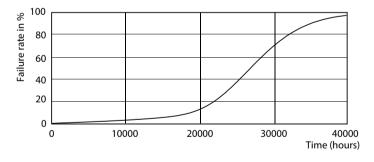
940 36D

Accent Lighting Spots - 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



Life Expectancy Diagram - MAS LED spot VLE D 4.9-50W GU10 940 36D

100 90 80 80

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

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