PHILIPS Lighting



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MASTER VALUE LEDspot MV

MASTER LED spot VLE D 3.7-35W 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

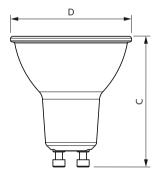
General Information		Luminous intensity (nom.)	500 cd
Cap base	GU10	Luminous efficacy (rated) (nom.)	72 lm/W
Nominal lifetime	25,000 h	Colour designation	Warm White (WW)
Switching Cycle	50,000	Correlated Colour Temperature	2700 K
Lighting Technology	LED	Colour consistency	<6
Flux measurement reference	Narrow Cone	Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
Light Technical		Luminous flux in 90° cone (rated)	270 lm
Colour Code	927 [CCT of 2700K]	Flickering value (PstLM)	1
Beam angle (nom.)	36 degree(s)	Stroboscopic effect	0.6
Luminous Flux	270 lm		

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Photobiological safety according to EN 62471 RG1				
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input frequency	50 to 60 Hz			
Power Consumption	3.7 W			
Lamp current (nom.)	18 mA			
Wattage equivalent	35 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.)	70 °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			
Suitable for accent lighting	Yes			

Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	1825228
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED spot VLE D 3.7-35W GU10 927
	36D
Full product name	MASTER LED spot VLE D 3.7-35W GU10
	927 36D
Full EOC	871951430811400
Order code	30811400
Material no. (12 NC)	929002979402
Numerator – quantity per pack	1
Net Weight (Piece)	0.038 kg
EAN/UPC — Product/Case	8719514308114
Numerator – packs per outer box	10
EAN/UPC - Case	8719514308121

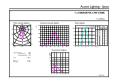
Dimensional drawing



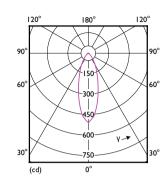
Product	D	с
MAS LED spot VLE D 3.7-35W GU10 927 36D	50 mm	54 mm

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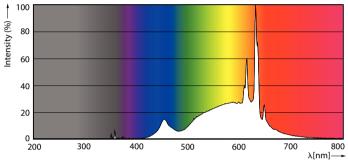
Photometric data



Columb



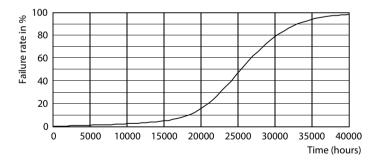
Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 927 36D



Accent Lighting Spots - MAS LED spot VLE D 3.7-35W GU10 927 36D

Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 927 36D

Lifetime



Lumen in % 90 80 70 60 50 ∟ 0 10000 20000 30000 40000 50000 60000 **Burning hours**

Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-35W GU10 927 36D

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