PHILIPS Lighting



MASTER VALUE LEDspot MV

MAS LED spot VLE D 3.7-35W GU10 930 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

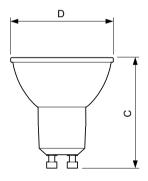
General Information		Luminous Intensity (Nom)	500 cd
Cap-Base	GU10 [GU10]	Color Designation	White (WH)
Nominal lifetime	25,000 hour(s)	Correlated Color Temperature (Nom)	3000 K
Switching Cycle	50,000	Luminous Efficacy (rated) (Nom)	81 lm/W
Lighting Technology	LED	Color Consistency	<6
Flux measurement reference	Narrow Cone	Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Luminous Flux in 90° Cone (Rated)	270 lumen
Color Code	930 [CCT of 3000K]		
Beam Angle (Nom)	36 degree(s)	Operating and Electrical	
Luminous Flux	270 lumen	Line Frequency	50 to 60 Hz

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Input Frequency	50 to 60 Hz	
Power Consumption	3.7 W	
Lamp Current (Nom)	20 mA	
Wattage Equivalent	35 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/50mm]	

Approval and Application			
Suitable For Accent Lighting	Yes		
Energy Consumption kWh/1000 h	4 kWh		
EPREL Registration Number	400,287		
CE mark	Yes		
EU RoHS compliant	Yes		
Product Data			
Full product code	871869670775300		
Full product code Order product name	871869670775300 MAS LED spot VLE D 3.7-35W GU10 930 36D		
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Order product name	MAS LED spot VLE D 3.7-35W GU10 930 36D		
Order product name Order code	MAS LED spot VLE D 3.7-35W GU10 930 36D 929001348302		
Order product name Order code Numerator - Quantity Per Pack	MAS LED spot VLE D 3.7-35W GU10 930 36D 929001348302 1		
Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	MAS LED spot VLE D 3.7-35W GU10 930 36D 929001348302 1 10		

Dimensional drawing



Product с MAS LED spot VLE D 3.7-35W GU10 930 36D 50 mm 54 mm

D

100 Intensity (%) 80 60 40 20 200 300 400 500 600 700 800 λ[nm]___

Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 930 36D

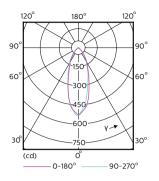
Photometric data



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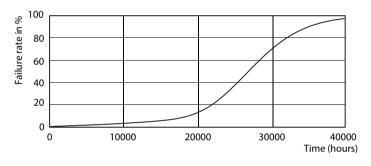
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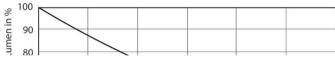
Photometric data



Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 930 36D

Lifetime





Life Expectancy Diagram - MAS LED spot VLE D 3.7-35W GU10 930 36D

Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-35W GU10 930 36D



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