



MASTER VALUE LEDspot MV

MASTER LED spot VLE D 3.7–35W 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 ambiances 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 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

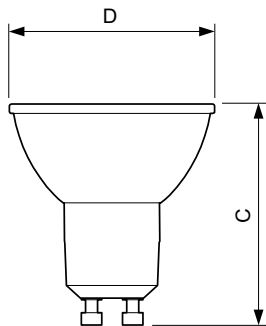
Product data

General Information			
Cap-Base	GU10 [GU10]	Beam Angle (Nom)	36 degree(s)
Nominal lifetime	25,000 hour(s)	Luminous Flux	285 lm
Switching Cycle	50,000	Luminous Intensity (Nom)	500 cd
Lighting Technology	LED	Color Designation	Cool White (CW)
Flux measurement reference	Narrow Cone	Correlated Color Temperature (Nom)	4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	85.14 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
		Color rendering index (CRI)	90
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	285 lm
		Flickering value (PstLM)	1
Light Technical			
Color Code	940 [CCT of 4000K]		

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Stroboscopic effect value (SVM)	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	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]

Dimensional drawing

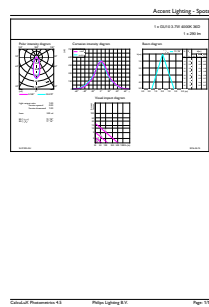


Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	391885
EyeComfort	Yes
Product Data	
Order product name	MAS LED spot VLE D 3.7-35W GU10 940 36D
Full product name	MASTER LED spot VLE D 3.7-35W GU10 940 36D
Full product code	871869670777700
Order code	70777700
Material Nr. (12NC)	929001348402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707777
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707784

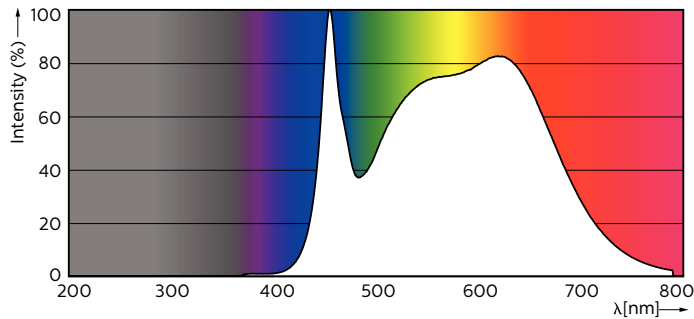
Product	D	C
MAS LED spot VLE D 3.7-35W GU10 940 36D	50 mm	54 mm

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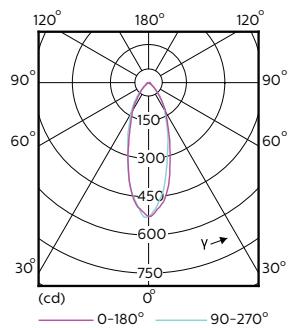
Photometric data



Accent Lighting Spots - MAS LED spot VLE D 3.7-35W GU10 940 36D

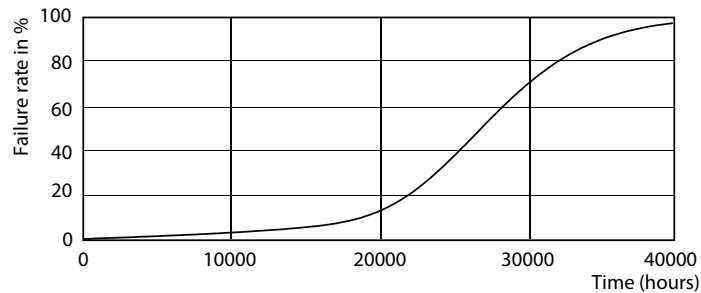


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 940 36D

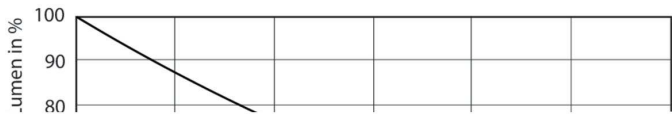


Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 940 36D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 3.7-35W GU10 940 36D



Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-35W GU10 940 36D

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