



# MASTER VALUE LEDspot MV

## MASTER LED spot VLE D 3.7–35W GU10 940 60D

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

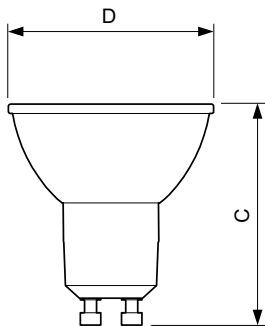
### Product data

General Information			
Cap-Base	GU10	Beam Angle (Nom)	60 degree(s)
Nominal lifetime	25,000 hour(s)	Luminous Flux	285 lm
Switching Cycle	50,000	Luminous Intensity (Nom)	350 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
Light Technical			
Color Code	940 [CCT of 4000K]		

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Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471	RG1
<b>Operating and Electrical</b>	
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
<b>Temperature</b>	
T-Case Maximum (Nom)	80 °C
<b>Controls and Dimming</b>	
Dimmable	Only with specific dimmers
<b>Mechanical and Housing</b>	
Bulb Shape	PAR16

## Dimensional drawing

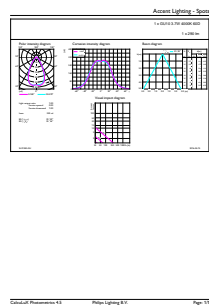


<b>Approval and Application</b>	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	391886
EyeComfort	Yes
<b>Application Conditions</b>	
can it be used in closed luminaires	No
<b>Product Data</b>	
Order product name	MAS LED spot VLE D 3.7-35W GU10 940 60D
Full product name	MASTER LED spot VLE D 3.7-35W GU10 940 60D
Full product code	871869670783800
Order code	70783800
Material Nr. (12NC)	929001348702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707838
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707845

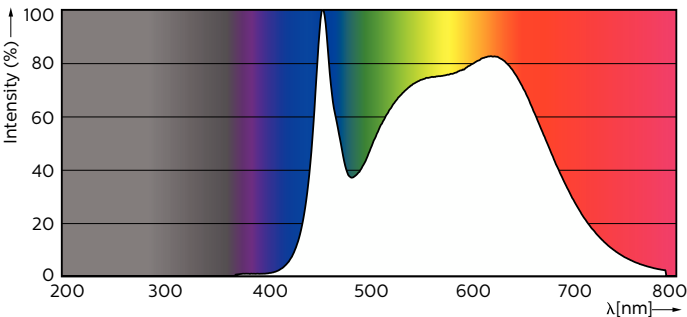
Product	D	C
MAS LED spot VLE D 3.7-35W GU10 940 60D	50 mm	54 mm

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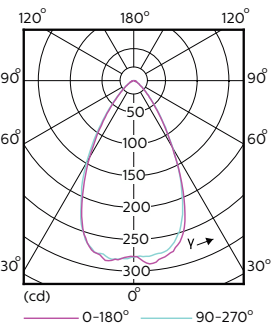
Photometric data



Accent Lighting Spots - MAS LED spot VLE D 3.7-35W GU10 940 60D

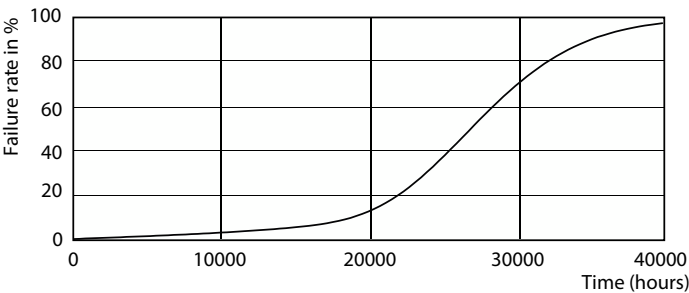


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 940 60D

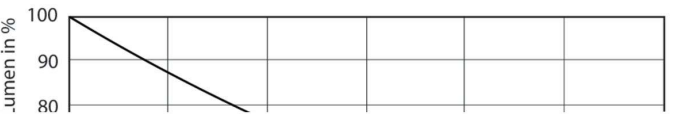


Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 940 60D

Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 3.7-35W GU10 940 60D



Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-35W GU10 940 60D

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