



# MASTER VALUE LEDspot MV

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

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.)	
Cap base	GU10		60 degree(s)
Nominal lifetime	25,000 h	Luminous Flux	285 lm
Switching Cycle	50,000	Luminous intensity (nom.)	350 cd
Lighting Technology	LED	Colour designation	Cool White (CW)
Flux measurement reference	Narrow Cone	Correlated Colour Temperature	4000 K
CE mark	Yes	Luminous efficacy (rated) (nom.)	85.14 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
		Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
		Luminous flux in 90° cone (rated)	285 lm
		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	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
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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Bulb shape	PAR16
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## Approval and Application

Energy Efficiency Class	F
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Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	391886
EyeComfort	Yes

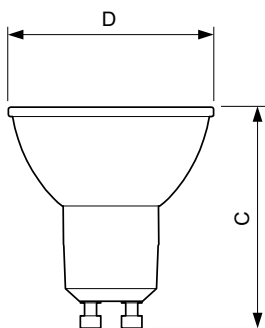
## Application Conditions

Can it be used in closed luminaires	No
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## Product Data

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 EOC	871869670783800
Order code	70783800
Material no. (12 NC)	929001348702
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707838
Numerator – packs per outer box	10
EAN/UPC - Case	8718696707845

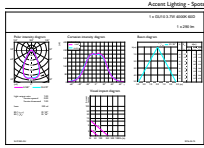
## Dimensional drawing



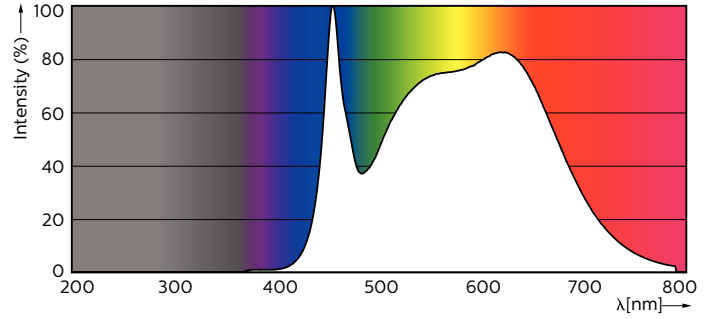
Product	D	C
MAS LED spot VLE D 3.7-35W GU10 940 60D	50 mm	54 mm

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## Photometric data

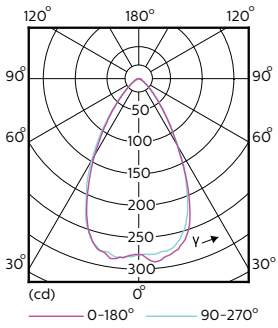


General Parameters 4.1 Photo Lighting 8.1 Page 17



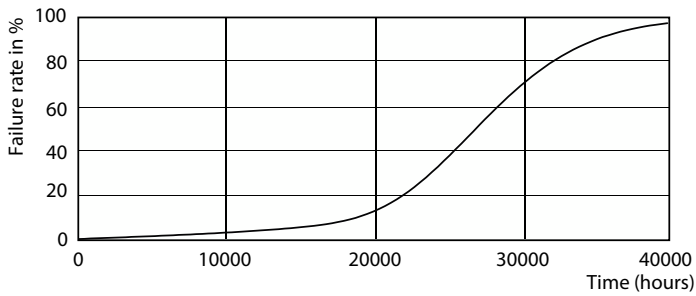
Accent Lighting Spots - MAS LED spot VLE D 3.7-35W GU10 940 60D

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

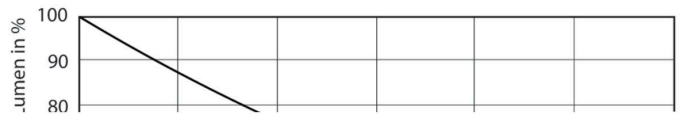


Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 940 60D

## 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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