MASTER VALUE LEDspot MV

MASTER LED spot VLE D 3.7-35W GU10 940 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	
Cap base	GU10
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Colour Code	940 [CCT of 4000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	285 lm

Luminous intensity (nom.)	500 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	85.14 lm/W
Colour consistency	<6
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	285 lm
Photobiological safety according to EN 62471	RG1

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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
Net Weight (Piece)	0.038 kg

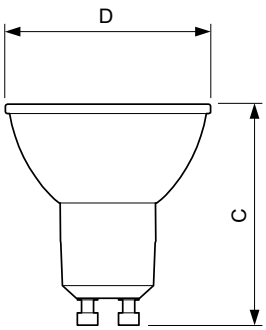
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh

EPREL Registration Number	391885
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Application Conditions	
Can it be used in closed luminaires	No

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 EOC	871869670777700
Order code	70777700
Material no. (12 NC)	929001348402
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696707777
Numerator – packs per outer box	10
EAN/UPC - Case	8718696707784

Dimensional drawing



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

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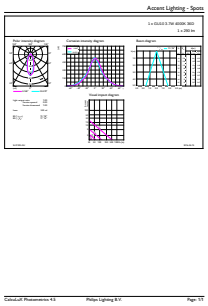
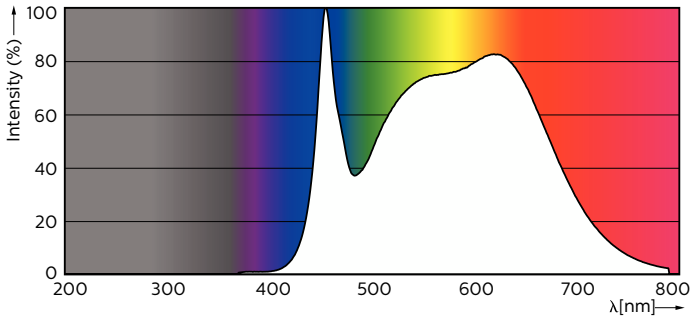
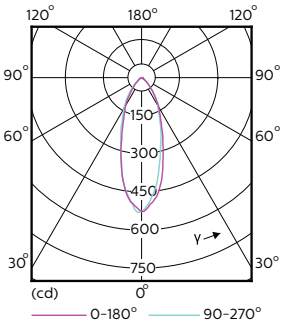
Photometric data



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

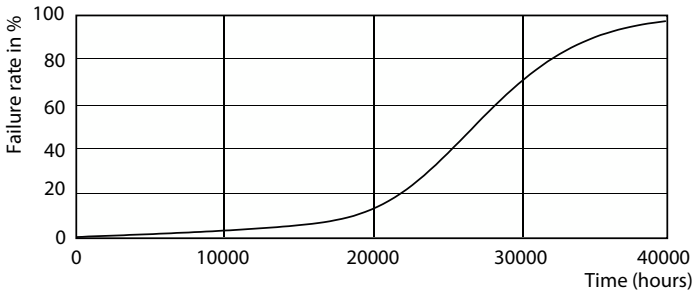


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 940 36D

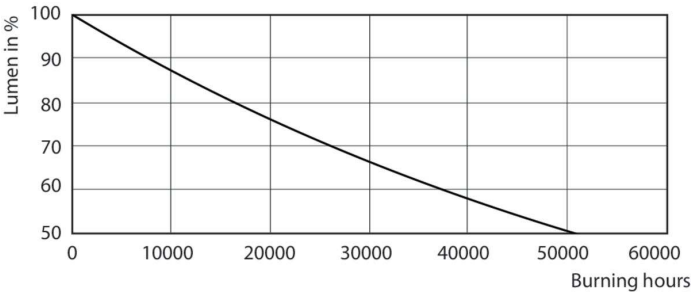


Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 940 36D

Lifetime



25K LED



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

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