



# MASTER VALUE LEDspot MV



## MASTER LED spot VLE D 3.7–35W GU10 930 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

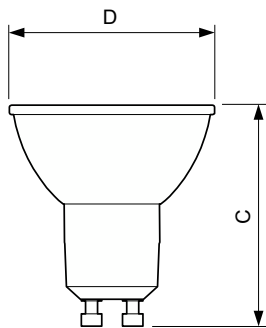
### Product data

General Information			
Cap base	GU10	Luminous intensity (nom.)	500 cd
Nominal lifetime	25,000 h	Colour designation	White (WH)
Switching Cycle	50,000	Correlated Colour Temperature (Nom)	3000 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	81 lm/W
Flux measurement reference	Narrow Cone	Colour consistency	<6
		Colour rendering index (CRI)	90
		LLMF at end of nominal lifetime (nom.)	70 %
		Luminous flux in 90° cone (rated)	270 lm
		Photobiological safety according to EN 62471	RG1
Light Technical			
Colour Code	930 [CCT of 3000K]		
Beam angle (nom.)	36 degree(s)		
Luminous Flux	270 lm		

# MASTER VALUE LEDspot MV

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

## Dimensional drawing

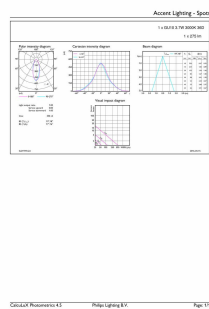


EPREL Registration Number	400287
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED spot VLE D 3.7-35W GU10 930 36D
Full product name	MASTER LED spot VLE D 3.7-35W GU10 930 36D
Full EOC	871869670775300
Order code	70775300
Material no. (12 NC)	929001348302
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707753
Numerator – packs per outer box	10
EAN/UPC – Case	8718696707760

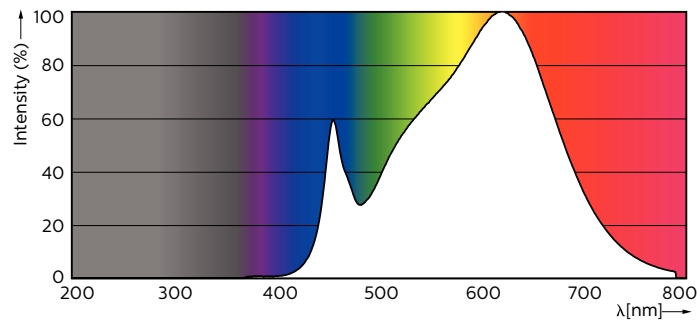
Product	D	C
MAS LED spot VLE D 3.7-35W GU10 930 36D	50 mm	54 mm

MASTER VALUE LEDspot MV

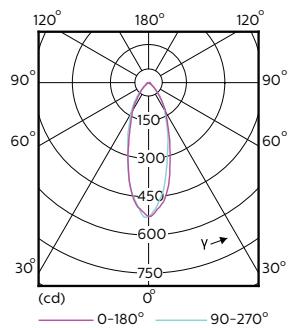
Photometric data



Accent Lighting Spots - MAS LED spot VLE D 3.7-35W GU10 930 36D

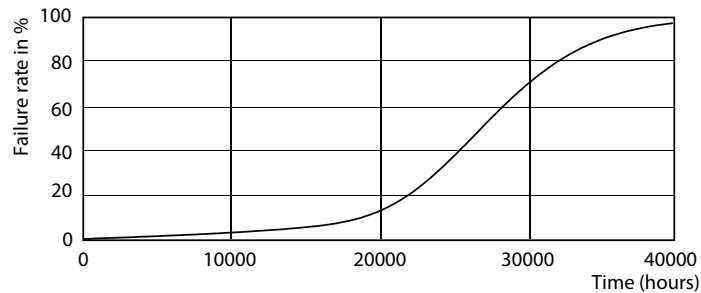


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-35W GU10 930 36D

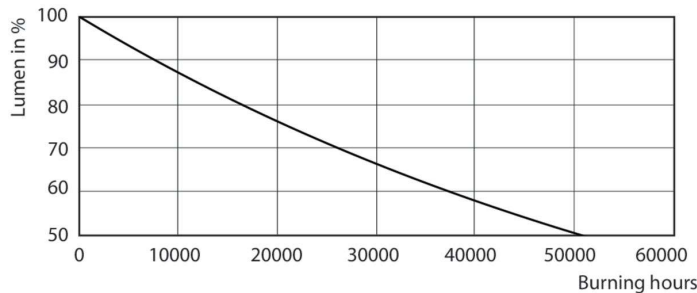


Light Distribution Diagram - MAS LED spot VLE D 3.7-35W GU10 930 36D

Lifetime



25K LED



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

## MASTER VALUE LEDspot MV

