



MASTER VALUE LED spot MV

MAS LED spot VLE D 3.7-50W GU10 930 60D

MASTER Value, LEDspot, PAR16, 50 W, GU10, 3000 K, 365 lm, CRI 90, 25000 h, Glass

MASTER Value, LEDspot, PAR16, 50 W, GU10, 3000 K, 365 lm, CRI 90, 25000 h, Glass, 98 lm/W, EEL E, PF 0.6, RG1, IP20, SVM 0.4, PstLM 1

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		Colour designation	
Cap base	GU10	Colour designation	White (WH)
Nominal lifetime	25,000 h	Correlated Colour Temperature (Nom)	3000 K
Switching Cycle	25,000	Luminous efficacy (rated) (nom.)	98 lm/W
Lighting Technology	LEDspot	Colour consistency	<6
Flux measurement reference	Narrow Cone	Colour rendering index (CRI)	90
Warranty period	5 years	LLMF at end of nominal lifetime (nom.)	70 %
Light Technical		Luminous flux in 90° cone (rated)	365 lm
Colour Code	930 [CCT of 3000K]	Photobiological safety according to EN 62471	RG1
Beam angle (nom.)	60 degree(s)	Operating and Electrical	
Luminous Flux	365 lm	Input frequency	50 to 60 Hz
Luminous intensity (nom.)	400 cd	Power Consumption	3.7 W
		Lamp current (nom.)	27 mA

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Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (nom.)	220-240 V

Temperature

T-Case maximum (nom.)	62 °C
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16
Net Weight (Piece)	0.041 kg

Approval and Application

Energy Efficiency Class	E
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	2150471
CE mark	Yes

EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

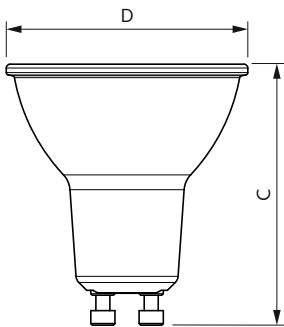
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	MAS LED spot VLE D 3.7-50W GU10 930 60D
Full product name	MAS LED spot VLE D 3.7-50W GU10 930 60D
Full EOC	872016939936500
Order code	929004248302
Material no. (12 NC)	929004248302
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169399365
Numerator – packs per outer box	10
EAN/UPC - Case	8720169399372

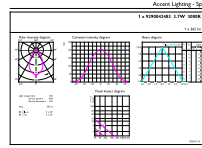
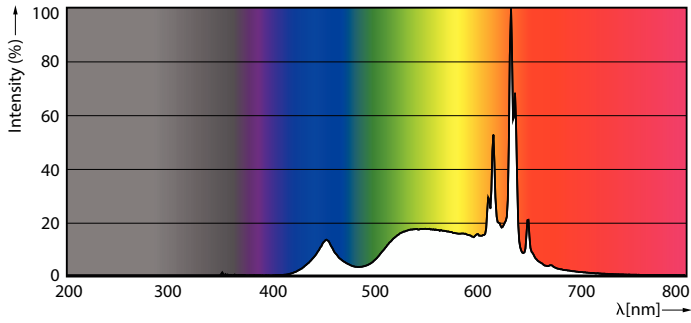
Dimensional drawing



Product	D	C
MAS LED spot VLE D 3.7-50W GU10 930 60D	50 mm	54 mm

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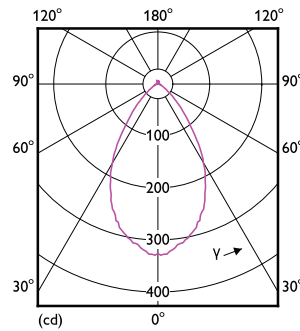
Photometric data



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Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-50W GU10 930 60D

Accent Lighting Spots - MAS LED spot VLE D 3.7-50W GU10 930 60D

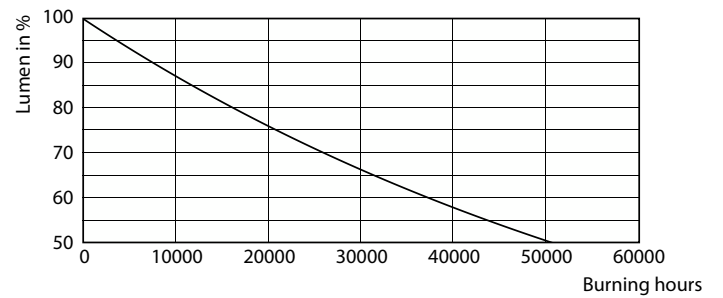


Light Distribution Diagram - MAS LED spot VLE D 3.7-50W GU10 930 60D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED spot VLE D 3.7-50W GU10 930 60D

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