

PHILIPS

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

929004248302



**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

General Information

Cap base	GU10
Nominal lifetime	25,000 h
Switching Cycle	25,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years

Light Technical

Colour Code	930 [CCT of 3000K]
Beam angle (nom.)	60 degree(s)
Luminous Flux	365 lm
Luminous intensity (nom.)	400 cd
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	98 lm/W
Colour consistency	<6
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	365 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Input frequency	50 to 60 Hz
Power Consumption	3.7 W
Lamp current (nom.)	27 mA
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

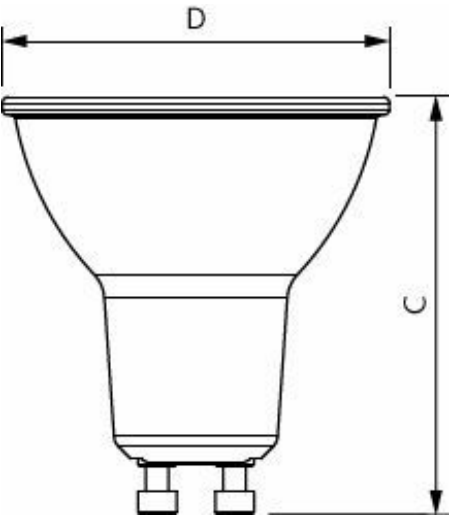
Application Conditions

Wireless Technology	Not applicable
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Product Data

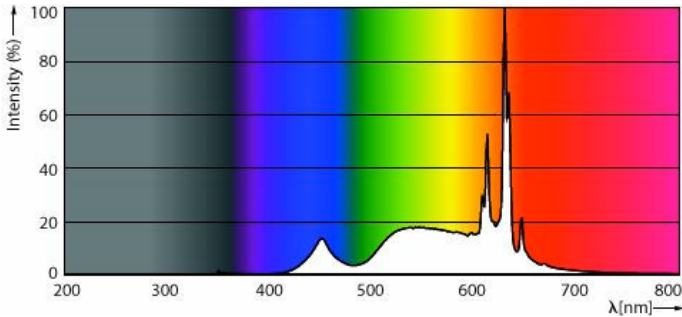
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Full product name	MAS LED spot VLE D 3.7-50W GU10 930 60D
Full EOC	872016939936500
Order code	929004248302
Material no. (12 NC)	929004248302
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8720169399365
Numerator – packs per outer box	10
EAN/UPC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

Dimensional drawing

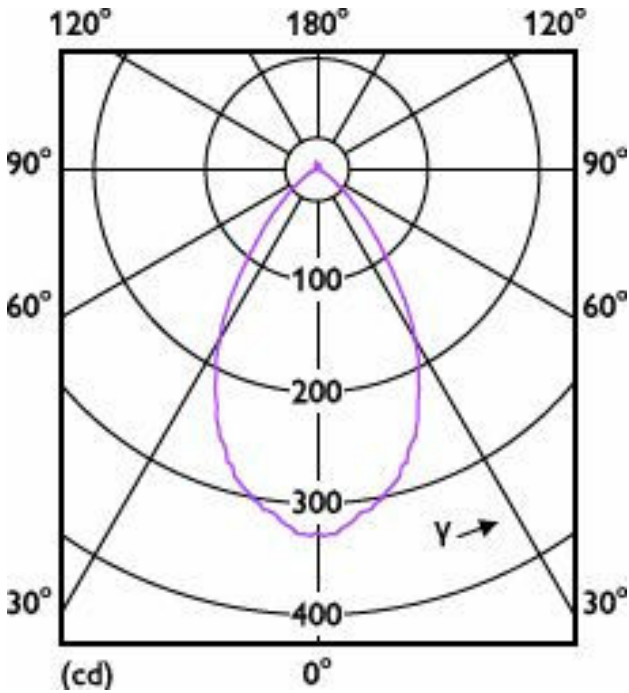


Product	D	C
MAS LED spot VLE D 3.7-50W GU10 930 60D	50 mm	54 mm

Photometric data

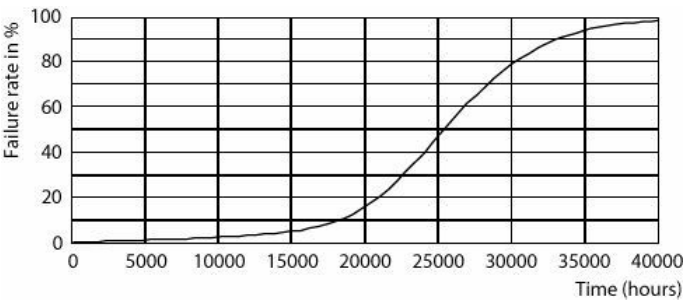


Spectral Power Distribution Colour - MAS LED spot VLE D 3.7-50W GU10 930 60D

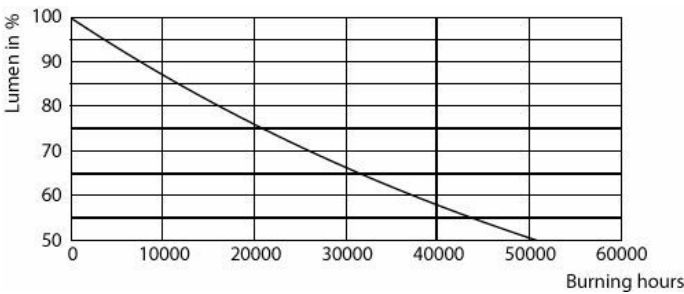


Light Distribution Diagram - MAS LED spot VLE D 3.7-50W GU10 930 60D

Lifetime



Life Expectancy Diagram



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

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-MASTER-VALUE-LEDspot-MV-COMF-2198-Ref-929004255802-EPD.pdf	Download 

