



MASTER LED spot ExpertColor MV

MASLEDEExpertColor 5.5-50W GU10 930 36DUK

MASTER, LEDspot, PAR16, 50 W, GU10, 3000 K, 375 lm, CRI 97, 40000 h, Glass

MASTER LEDspot MV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot LV lamps.

Product data

General Information		Operating and Electrical	
Cap base	GU10	Correlated Colour Temperature (Nom)	3000 K
Nominal lifetime	40,000 h	Luminous efficacy (rated) (nom.)	68 lm/W
Switching Cycle	50,000	Colour consistency	<3
Lighting Technology	LEDspot	Colour rendering index (CRI)	97
Flux measurement reference	Narrow Cone	LLMF at end of nominal lifetime (nom.)	70 %
Warranty period	5 years	Luminous flux in 90° cone (rated)	375 lm
		Photobiological safety according to EN 62471	RG1
Light Technical			
Colour Code	930 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	36 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	375 lm	Power Consumption	5.5 W
Luminous intensity (nom.)	880 cd	Lamp current (nom.)	26 mA
Colour designation	White (WH)	Wattage equivalent	50 W

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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.)	66 °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)	0.038 kg

Approval and Application

Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	6 kWh
EPREL Registration Number	391834
CE mark	Yes
EU RoHS compliant	Yes

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

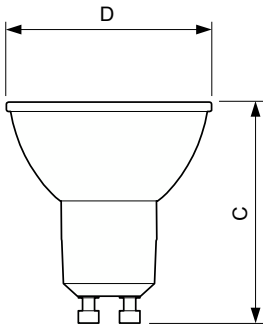
Application Conditions

Can it be used in closed luminaires	No
Wireless Technology	Not applicable

Product Data

Order product name	MASLEExpertColor 5.5-50W GU10 930 36DUK
Full product name	MASLEExpertColor 5.5-50W GU10 930 36DUK
Full EOC	871869670769201
Order code	929001347499
Material no. (12 NC)	929001347499
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707692
Numerator – packs per outer box	10
EAN/UPC - Case	8719514405783

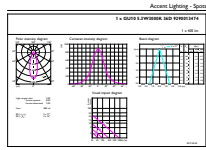
Dimensional drawing



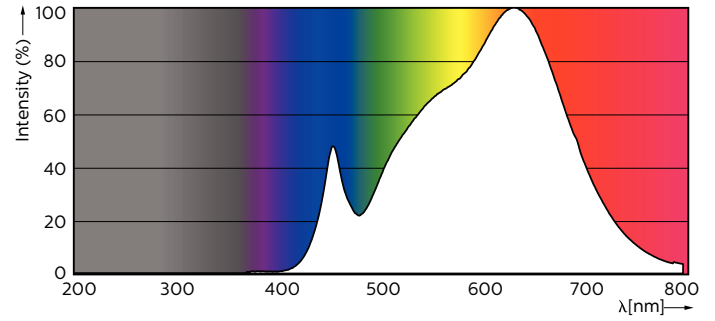
Product	D	C
MASLEExpertColor 5.5-50W GU10 930 36DUK	50 mm	54 mm

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Photometric data

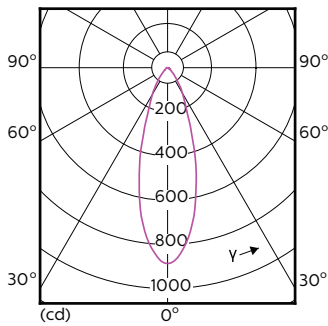


Technical Parameters 43 Photo Lighting 8.1 Page 17



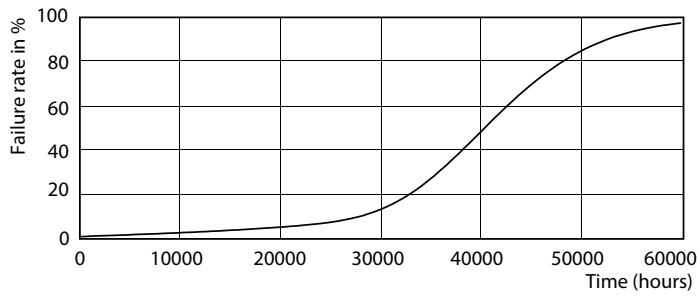
Accent Lighting Spots - MASLEExpertColor 5.5-50W GU10 930 36DUK

Spectral Power Distribution Colour - MASLEExpertColor 5.5-50W GU10 930 36DUK

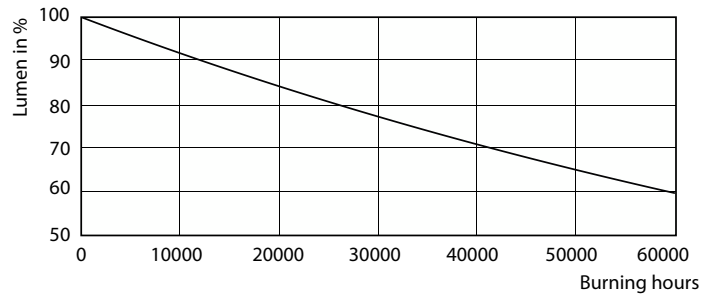


Light Distribution Diagram - MASLEExpertColor 5.5-50W GU10 930 36DUK

Lifetime



40K LED



Lumen Maintenance Diagram - MASLEExpertColor 5.5-50W GU10 930 36DUK

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