



# MASTER LED spot ExpertColor MV

## MASLED ExpertColor5.5-50W GU10 927 25DUK

MASTER, LEDspot, PAR16, 50 W, GU10, 2700 K, 355 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)	2700 K
Nominal lifetime	40,000 h	Luminous efficacy (rated) (nom.)	64 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)	355 lm
		Photobiological safety according to EN 62471	RG1
Light Technical			
Colour Code	927 [CCT of 2700K]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	25 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	355 lm	Power Consumption	5.5 W
Luminous intensity (nom.)	1,050 cd	Lamp current (nom.)	26 mA
Colour designation	Warm White (WW)	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	2271841
CE mark	Yes

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

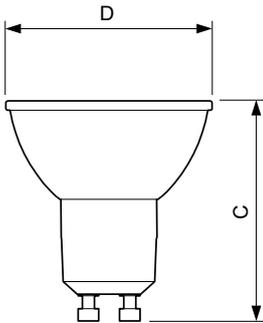
## Application Conditions

Can it be used in closed luminaires	No
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## Product Data

Order product name	MASLED ExpertColor5.5-50W GU10 927 25DUK
Full product name	MASLED ExpertColor5.5-50W GU10 927 25DUK
Full EOC	871869670761601
Order code	929001347099
Material no. (12 NC)	929001347099
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707616
Numerator – packs per outer box	10
EAN/UPC - Case	8719514405806

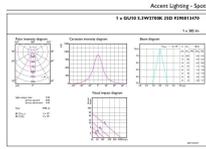
## Dimensional drawing



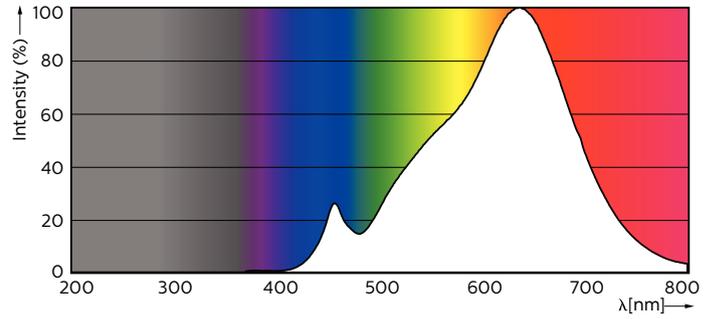
Product	D	C
MASLED ExpertColor5.5-50W GU10 927 25DUK	50 mm	54 mm

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## Photometric data

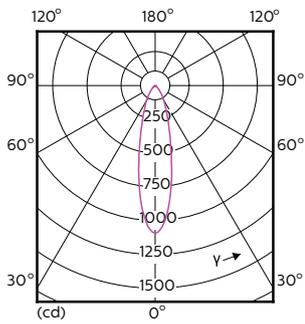


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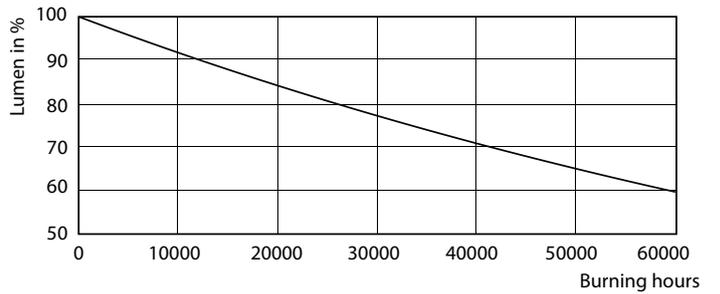
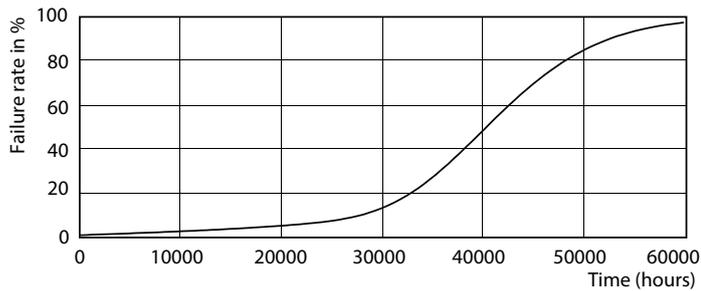
Accent Lighting Spots - MASLED ExpertColor5.5-50W GU10 927 25DUK

Spectral Power Distribution Colour - MASLED ExpertColor5.5-50W GU10 927 25DUK



Light Distribution Diagram - MASLED ExpertColor5.5-50W GU10 927 25DUK

## Lifetime



40K LED

Lumen Maintenance Diagram - MASLED ExpertColor5.5-50W GU10 927 25DUK

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