PHILIPS

Lighting



MASTER LEDspot ExpertColor MV

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MASLED ExpertColor5.5-50W GU10 927 36DUK

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	
Cap base	GU10 [GU10]
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
EU RoHS compliant	Yes

Light Technical	
Colour Code	927 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	355 lm
Luminous intensity (nom.)	800 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	64 lm/W
Colour consistency	<3
Colour rendering index (CRI)	97
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	355 lm
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	5.5 W
Lamp current (nom.)	30 mA
Wattage equivalent	50 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

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Temperature	
T-Case maximum (nom.)	80 °C

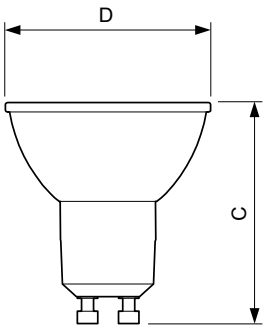
Controls and Dimming	
Dimmable	Only with specific dimmers

Mechanical and Housing	
Bulb shape	PAR16 [PAR 2 inch/50 mm]

Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	6 kWh
EPREL registration number	544209
EyeComfort	Yes

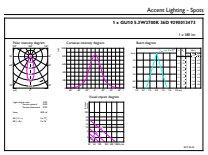
Product Data	
Order product name	MASLED ExpertColor5.5-50W GU10 927 36DUK
Full product name	MASLED ExpertColor5.5-50W GU10 927 36DUK
Full EOC	871869670767801
Order code	70767801
Material no. (12 NC)	929001347398
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696707678
Numerator – packs per outer box	10
EAN/UPC - Case	8719514405790

Dimensional drawing

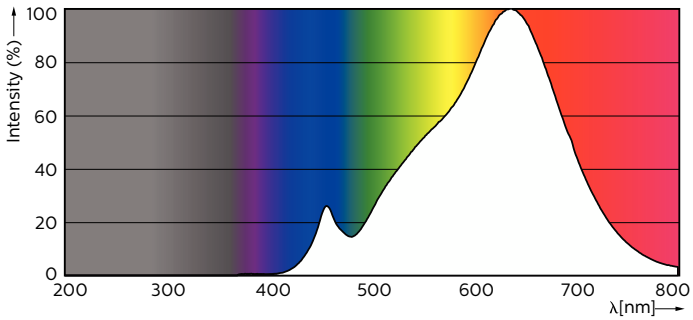


Product	D	C
MASLED ExpertColor5.5-50W GU10 927 36DUK	50 mm	54 mm

Photometric data



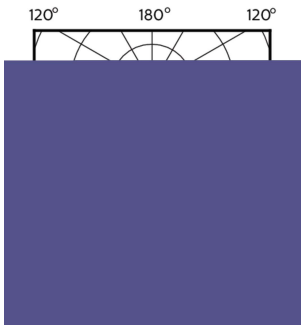
Accent Lighting Spots - MASLED ExpertColor5.5-50W GU10 927 36DUK



Spectral Power Distribution Colour - MASLED ExpertColor5.5-50W GU10 927 36DUK

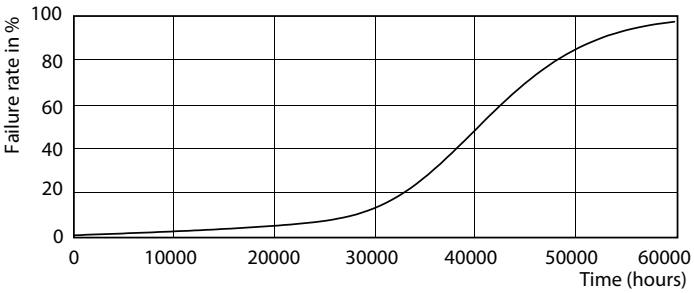
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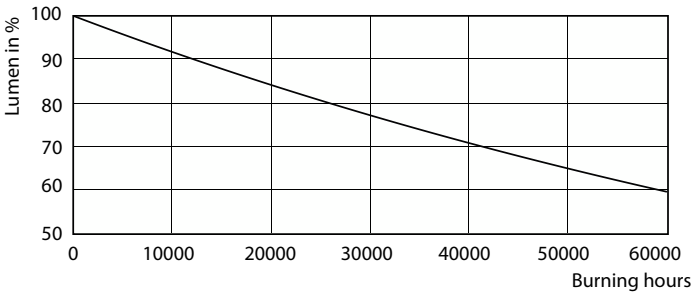


Light Distribution Diagram - MASLED ExpertColor5.5-50W GU10 927 36DUK

Lifetime



Life Expectancy Diagram - MASLED ExpertColor5.5-50W GU10 927 36DUK



Lumen Maintenance Diagram - MASLED ExpertColor5.5-50W GU10 927 36DUK

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