



MASTER LEDspot ExpertColor MV



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

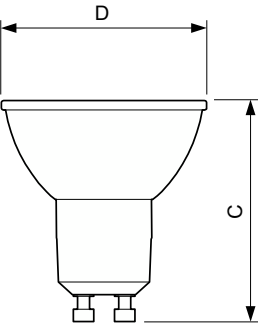
General Information		LLMF at end of nominal lifetime (nom.)	
Cap base	GU10 [GU10]	Luminous flux in 90° cone (rated)	355 lm
Nominal lifetime	40,000 h	Flickering value (PstLM)	1
Switching Cycle	50,000	Stroboscopic effect	0.4
Lighting Technology	LED	Photobiological safety according to EN 62471 RG1	
EU RoHS compliant	Yes	Operating and Electrical	
Flux measurement reference	Narrow Cone	Line Frequency	50 to 60 Hz
Light Technical		Input frequency	50 to 60 Hz
Colour Code	927 [CCT of 2700K]	Power Consumption	5.5 W
Beam angle (nom.)	36 degree(s)	Lamp current (nom.)	30 mA
Luminous Flux	355 lm	Wattage equivalent	50 W
Luminous intensity (nom.)	800 cd	Starting time (nom.)	0.5 s
Colour designation	Warm White (WW)	Warm-up time to 60% light	0.5 s
Correlated Colour Temperature	2700 K	Power Factor (Fraction)	0.8
Luminous efficacy (rated) (nom.)	64 lm/W	Voltage (nom.)	220-240 V
Colour consistency	<3		
Colour rendering index (CRI)	97		

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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	775827
EyeComfort	Yes

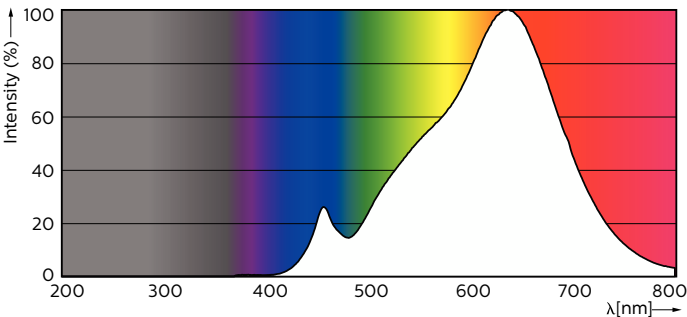
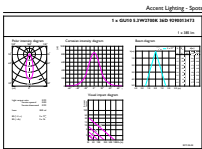
Product Data	
Full EOC	871869670767801
Order product name	MASLED ExpertColor5.5-50W GU10 927 36DUK
Order code	70767801
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929001347398
Full product name	MASLED ExpertColor5.5-50W GU10 927 36DUK
EAN/UPC – Case	8719514405790

Dimensional drawing



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

Photometric data

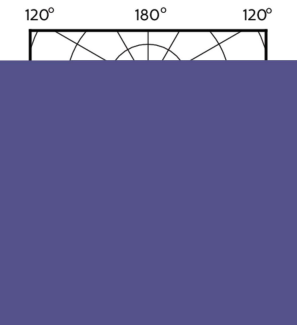


Accent Lighting Spots - MASLED ExpertColor5.5-50W GU10 927 36DUK

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

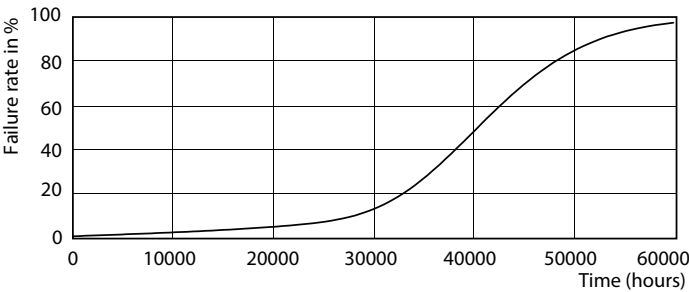
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Photometric data

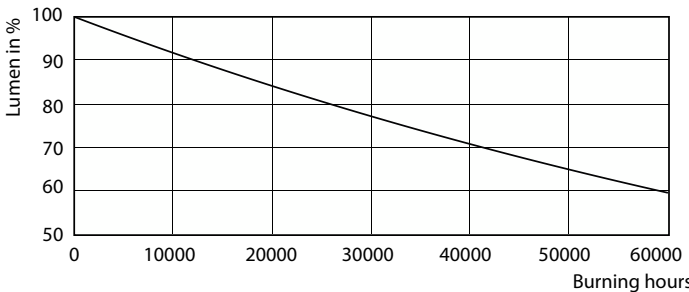


Light Distribution Diagram - MASLED ExpertColor5.5-50W GU10 927 36DUK

Lifetime



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



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

