



G A

MASTER LEDspot ExpertColor MV

MASLED ExpertColor5.5-50W GU10 927 25DUK

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
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Colour Code	927 [CCT of 2700K]
Beam angle (nom.)	25 degree(s)
Luminous Flux	355 lm
Luminous intensity (nom.)	1,000 cd
Luminous efficacy (rated) (nom.)	64.00 lm/W
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
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	

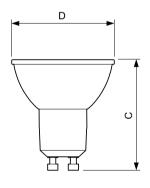
Datasheet, 2023, April 14 data subject to change

MASTER LEDspot ExpertColor MV

Temperature	
T-Case maximum (nom.)	80 ℃
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	PAR16
Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	6 kWh
EPREL registration number	775828
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No

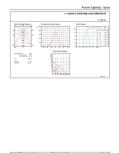
Product Data		
Order product name	MASLED ExpertColor5.5-50W GU10 927	
	25DUK	
Full product name	MASLED ExpertColor5.5-50W GU10 927	
	25DUK	
Full EOC	871869670761601	
Order code	70761601	
Material no. (12 NC)	929001347099	
Numerator – quantity per pack	1	
Net Weight (Piece)	0.038 kg	
EAN/UPC — Product/Case	8718696707616	
Numerator – packs per outer box	10	
EAN/UPC - Case	8719514405806	

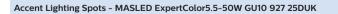
Dimensional drawing

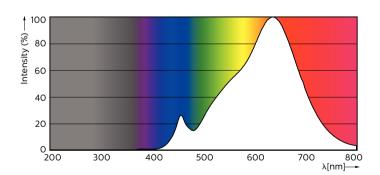


Product	D	С
MASLED ExpertColor5.5-50W GU10 927 25DUK	50 mm	54 mm

Photometric data



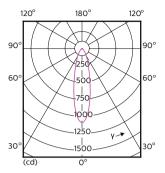




Spectral Power Distribution Colour - MASLED ExpertColor5.5-50W GU10 927 25DUK

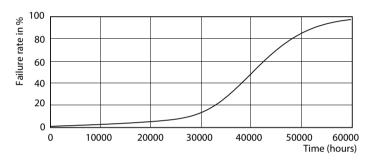
MASTER LEDspot ExpertColor MV

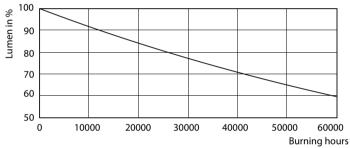
Photometric data



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

Lifetime





40K LED

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.