

MASTER LEDspot ExpertColor MV

MAS LED ExpertColor 5.5-50W GU10 927 36D

MASTER LEDspot ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. They offer superior lighting that has a customized spectrum, high CRI, and deep dimming feature. What's more the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, with MASTER LEDspot ExpertColor you can take advantage of the full ExpertColor family, which also includes LEDspot MR16, LEDspot AR111 and LEDspot PAR lamps. MASTER LEDspot ExpertColor delivers huge energy savings and minimizes maintenance costs without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within a short time period.

Product data

General Information	
Cap-Base	GU10
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	927
Beam Angle (Nom)	36 degree(s)
Luminous Flux	385 lm
Luminous Intensity (Nom)	800 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	70.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	355 lm

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

MASTER LEDspot ExpertColor MV

Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	80 °C

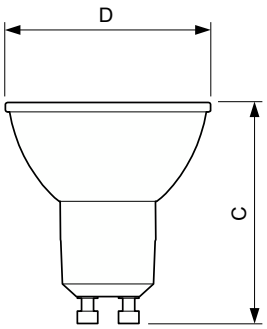
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	PAR16

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh

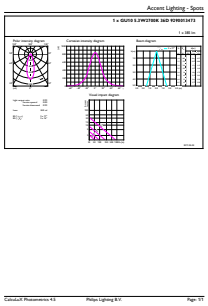
Product Data	
Order product name	MAS LED ExpertColor 5.5-50W GU10 927 36D
Full product name	MAS LED ExpertColor 5.5-50W GU10 927 36D
Full product code	871869670733300
Order code	929001347308
Material Nr. (12NC)	929001347308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707333
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707340

Dimensional drawing

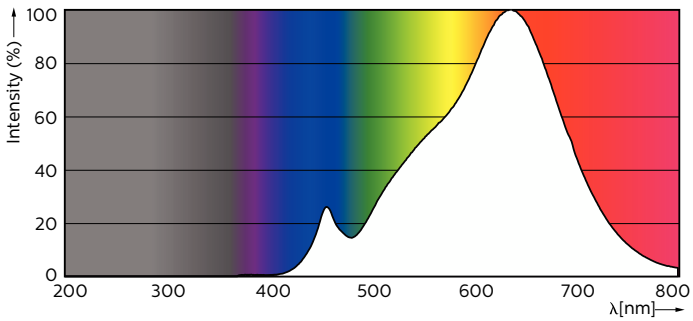


Product	D	C
MAS LED ExpertColor 5.5-50W GU10 927 36D	50 mm	54 mm

Photometric data



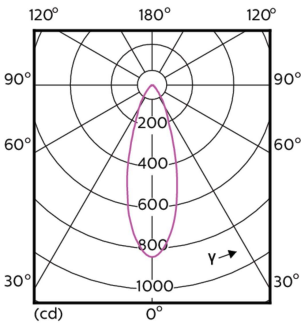
Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 927 36D



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 927 36D

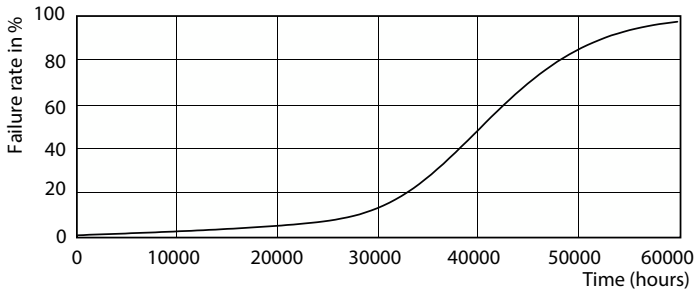
MASTER LEDspot ExpertColor MV

Photometric data

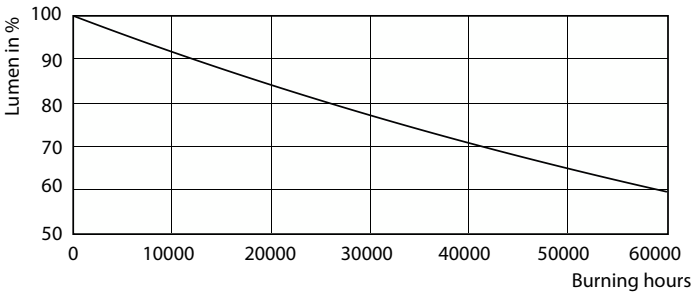


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 927 36D

© 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.