



MASTER LEDspot ExpertColor MV

MAS LED ExpertColor 5.5-50W GU10 930 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	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	405 lm
Luminous Intensity (Nom)	800 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	73.64 lm/W

Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	375 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

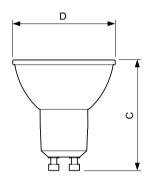
Datasheet, 2023, April 14 data subject to change

MASTER LEDspot ExpertColor MV

Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 ℃
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

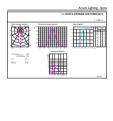
Product Data		
Order product name	MAS LED ExpertColor 5.5-50W GU10 930 36D	
Full product name	MAS LED ExpertColor 5.5-50W GU10 930 36D	
Full product code	871869675590700	
Order code	929001347408	
Material Nr. (12NC)	929001347408	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696755907	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696755914	

Dimensional drawing



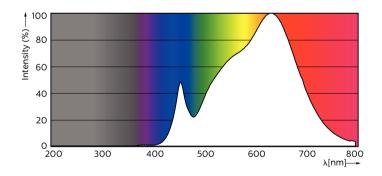
Product	D	С
MAS LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm

Photometric data



Calculat Photometrics 4.5 Philips Lighting B.V. Pages 51

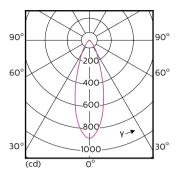
Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 930 36D



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 930 36D

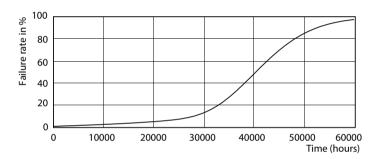
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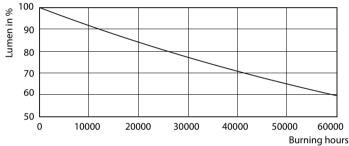
Photometric data



Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D

Lifetime





Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D

Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D



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