PHILIPS Lighting



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 [GU10]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	927
Beam Angle (Nom)	36 degree(s)
Luminous Flux	355 lumen
Luminous Intensity (Nom)	800 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	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)	355 lumen
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

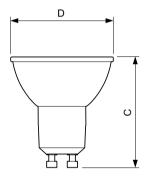
MASTER LEDspot ExpertColor MV

Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 ℃
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Shape	PAR16 [PAR 2 inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	775,827

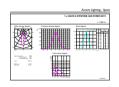
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869670767800
Order product name	MAS LED ExpertColor 5.5-50W GU10 927 36D

	MA3 LED Expericolor 5.5-50W 6010 927 50D	
Order code	929001347302	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	10	
Material number (12NC)	929001347302	
Full product name	MAS LED ExpertColor 5.5-50W GU10 927 36D	
EAN/UPC - Case	8718696707685	

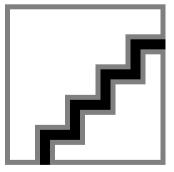
Dimensional drawing



Photometric data



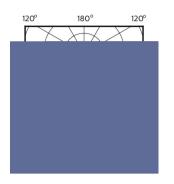
Product	D	C
MAS LED ExpertColor 5.5-50W GU10 927 36D	50 mm	54 mm



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

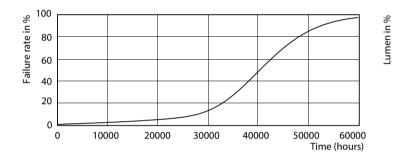
MASTER LEDspot ExpertColor MV

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

Burning hours

30000

40000

50000

60000

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

20000



100

90

80

70

60

50

0

10000

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