



MASTER LEDspot ExpertColor MV

MAS LED ExpertColor 5.5-50W GU10 940 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	940 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	400 lumen
Luminous Intensity (Nom)	800 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	72.00 lm/W

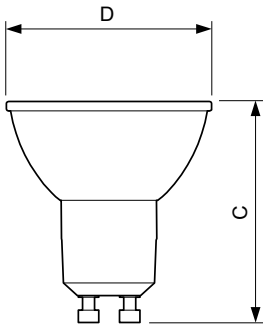
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	400 lumen
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5.5 W
Lamp Current (Nom)	30 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8

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Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °C
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	391,835

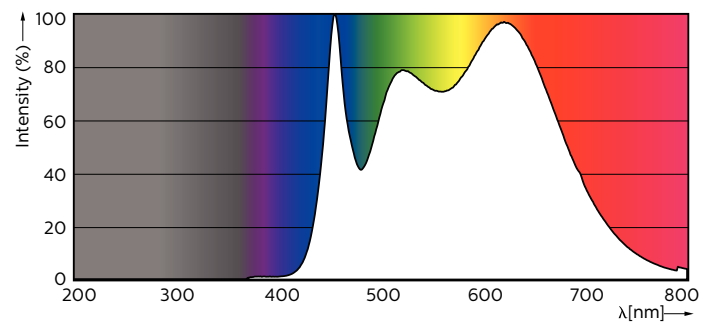
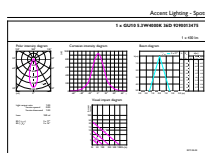
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869670771500
Order product name	MAS LED ExpertColor 5.5-50W GU10 940 36D
Order code	929001347502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001347502
Full product name	MAS LED ExpertColor 5.5-50W GU10 940 36D
EAN/UPC - Case	8718696707722

Dimensional drawing



Product	D	C
MAS LED ExpertColor 5.5-50W GU10 940 36D	50 mm	54 mm

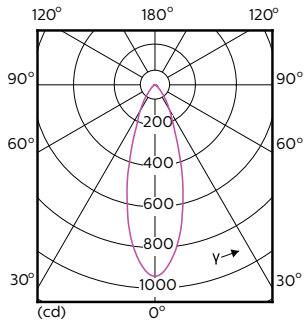
Photometric data



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 940 36D

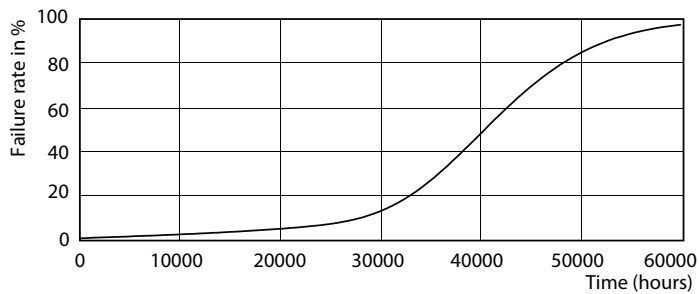
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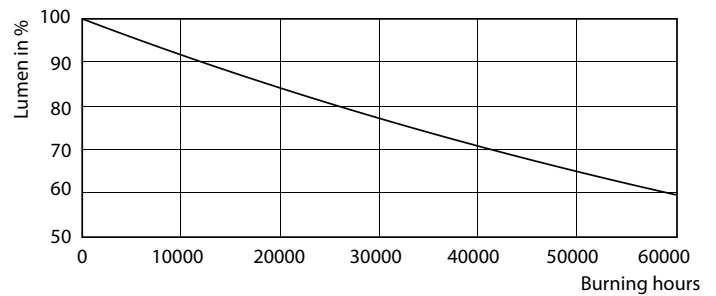


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 940 36D

