

MASTER LEDspot ExpertColor MV

MAS LED ExpertColor 5.5-50W GU10 930 24D

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)	24 degree(s)
Luminous Flux	405 lm
Luminous Intensity (Nom)	1,000 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

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Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	80 °C

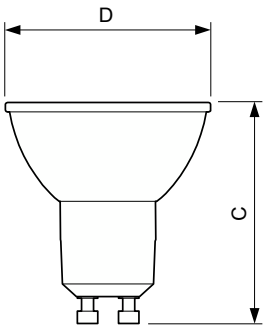
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	PAR16

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

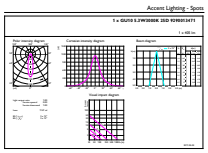
Product Data	
Order product name	MAS LED ExpertColor 5.5-50W GU10 930 24D
Full product name	MAS LED ExpertColor 5.5-50W GU10 930 24D
Full product code	871869675588400
Order code	929001347108
Material Nr. (12NC)	929001347108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696755884
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696755891

Dimensional drawing

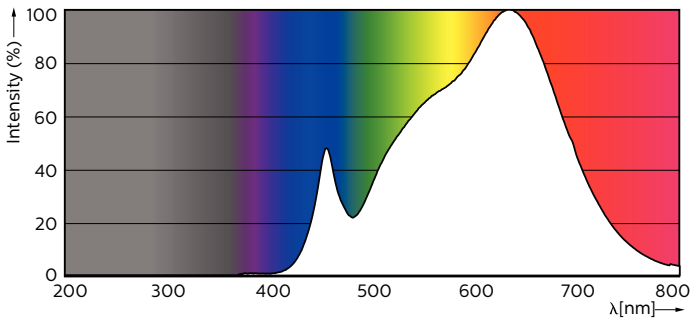


Product	D	C
MAS LED ExpertColor 5.5-50W GU10 930 24D	50 mm	54 mm

Photometric data



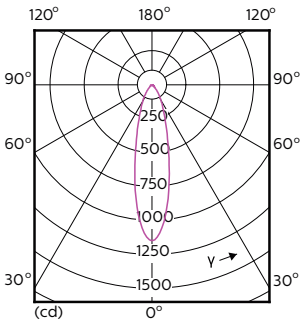
Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 930 24D



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 930 24D

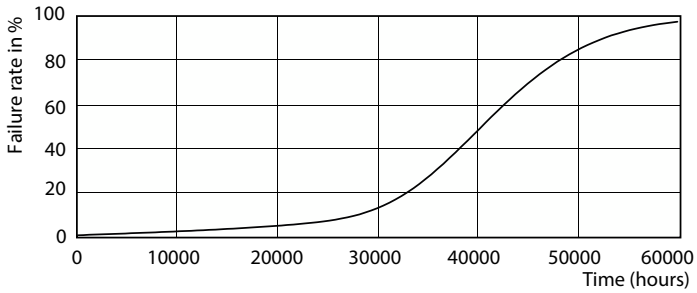
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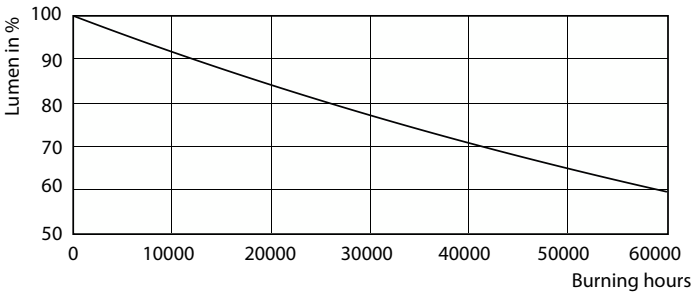


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D

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