



# 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

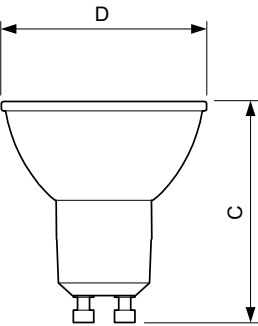
General Information			
Cap-Base	GU10 [GU10]	Color Consistency	<3
Nominal lifetime	40,000 hour(s)	Color rendering index (CRI)	97
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Luminous Flux in 90° Cone (Rated)	375 lm
EU RoHS compliant	Yes	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	930 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	36 degree(s)	Power Consumption	5.5 W
Luminous Flux	405 lm	Lamp Current (Nom)	30 mA
Luminous Intensity (Nom)	800 cd	Wattage Equivalent	50 W
Color Designation	White (WH)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	3000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	73.64 lm/W	Power Factor (Fraction)	0.8

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Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case Maximum (Nom)	80 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb Shape	PAR16 [PAR 2 inch/50mm]
<b>Approval and Application</b>	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh

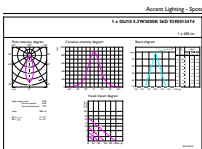
<b>Product Data</b>	
Order product name	MAS LED ExpertColor 5.5-50W GU10 930 36D
Full product name	MAS LED ExpertColor 5.5-50W GU10 930 36D
Full product code	871869675590700
Order code	929001347408
Material Nr. (12NC)	929001347408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696755907
Numerator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

## Dimensional drawing



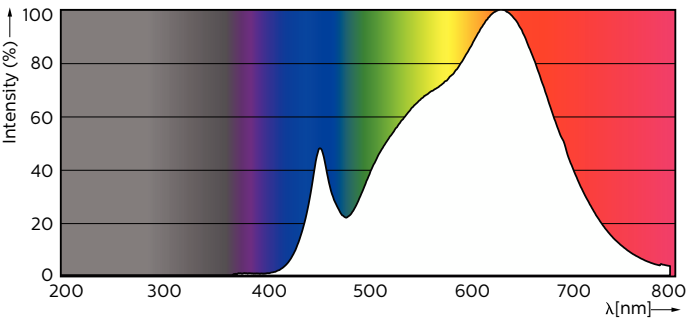
Product	D	C
MAS LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm

## Photometric data



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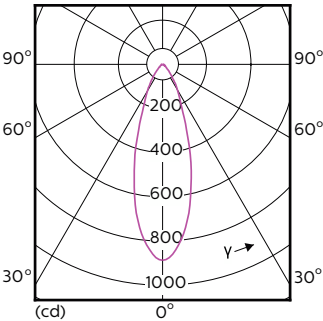
Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 930 36D



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

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## Photometric data

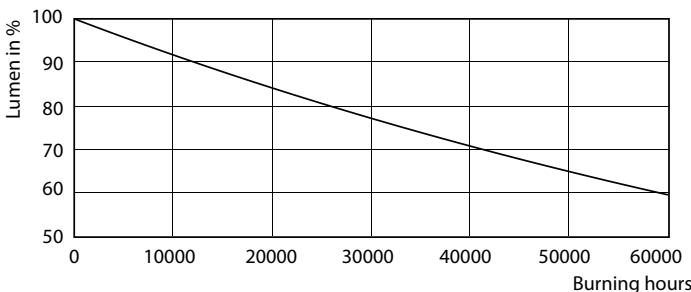


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D

## 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

