



# MASTER LEDspot ExpertColor MV

## MASTER 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]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	405 lumen
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 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
Voltage (Nom)	220-240 V

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## Temperature

T-Case Maximum (Nom)	80 °C
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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Bulb Shape	PAR16 [PAR 2 inch/50mm]
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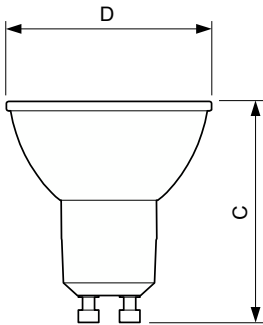
## Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh
EU RoHS compliant	Yes

## Product Data

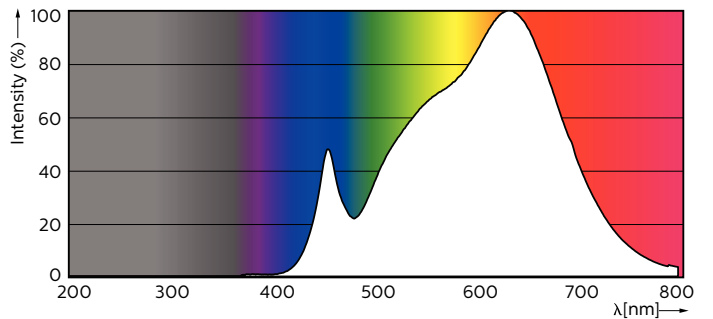
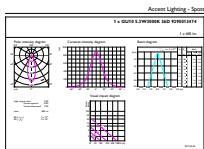
Full product code	871869675590700
Order product name	MAS LED ExpertColor 5.5-50W GU10 930 36D
Order code	75590700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001347408
Full product name	MASTER LED ExpertColor 5.5-50W GU10 930 36D
EAN/UPC - Case	8718696755914

## Dimensional drawing



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

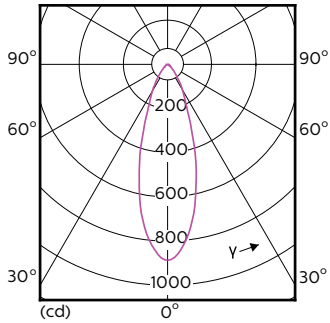
## Photometric data



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

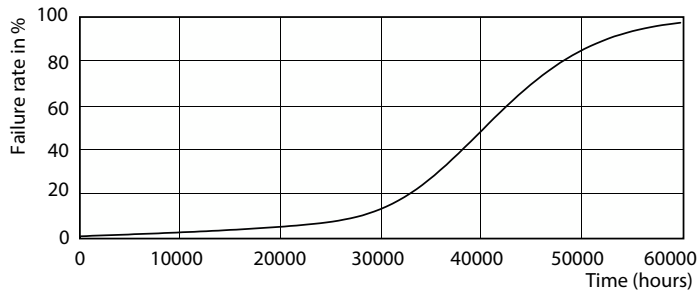
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## Photometric data

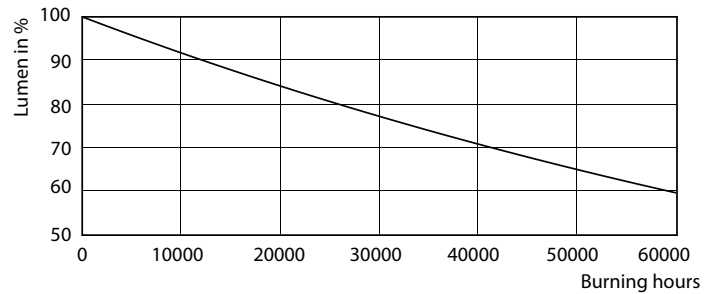


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D

## 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

