



# MASTER LED spot ExpertColor MV

## MASLEDEExpertColor 5.5-50W GU10 930 36DUK

MASTER, LEDspot, PAR16, 50 W, GU10, 3000 K, 375 lm, CRI 97, 40000 hour(s), Glass

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	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)

Luminous Flux	375 lm
Luminous Intensity (Nom)	880 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	68 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
Photobiological safety according to EN 62471	RG1

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## Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5.5 W
Lamp Current (Nom)	26 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

## Temperature

T-Case Maximum (Nom)	66 °C
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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.038 kg

## Approval and Application

Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh

EPREL Registration Number	391834
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

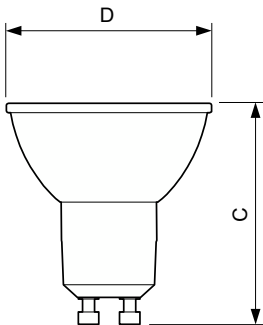
## Application Conditions

can it be used in closed luminaires	No
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## Product Data

Order product name	MASLEExpertColor 5.5-50W GU10 930 36DUK
Full product name	MASLEExpertColor 5.5-50W GU10 930 36DUK
Full product code	871869670769201
Order code	929001347499
Material Nr. (12NC)	929001347499
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707692
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514405783

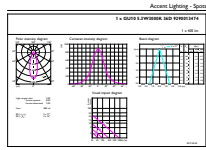
## Dimensional drawing



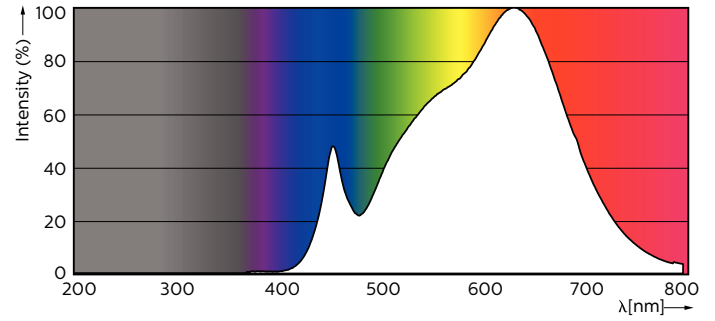
Product	D	C
MASLEExpertColor 5.5-50W GU10 930 36DUK	50 mm	54 mm

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## Photometric data

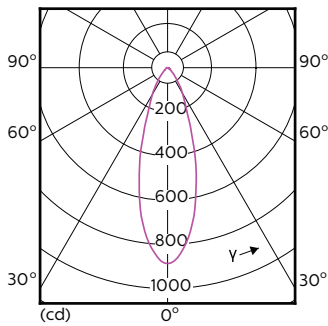


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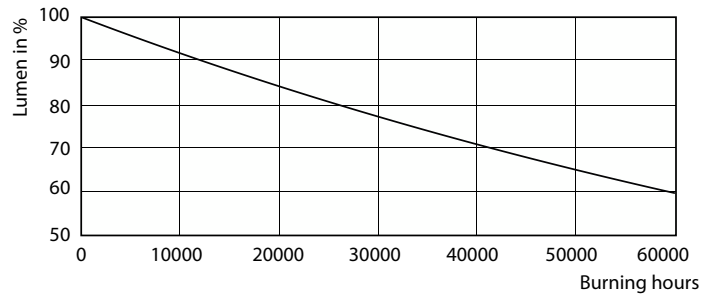
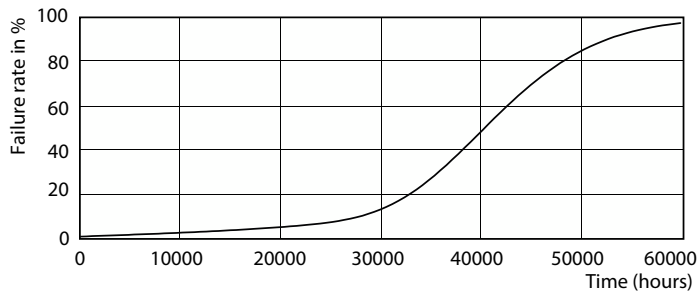
Accent Lighting Spots - MASLEExpertColor 5.5-50W GU10 930 36DUK

Spectral Power Distribution Colour - MASLEExpertColor 5.5-50W GU10 930 36DUK



Light Distribution Diagram - MASLEExpertColor 5.5-50W GU10 930 36DUK

## Lifetime



40K LED

Lumen Maintenance Diagram - MASLEExpertColor 5.5-50W GU10 930 36DUK

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