



# MASTER LEDspot ExpertColor MV

## MASTER LED ExpertColor 5.5-50W GU10 930 36D

MASTER LEDspot MV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot LV lamps.

### Product data

General Information	
Cap base	GU10 [GU10]
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Colour Code	930 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	375 lm
Luminous intensity (nom.)	800 cd
Colour designation	White (WH)
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	68 lm/W
Colour consistency	<3

Colour rendering index (CRI)	97
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	375 lm
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Photobiological safety according to EN 62471	RG1

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	Only with specific dimmers
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## Mechanical and Housing

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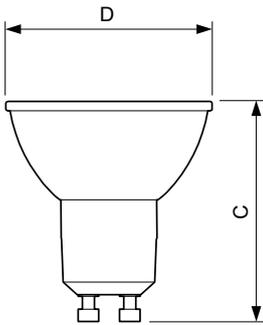
## Approval and Application

Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	6 kWh
EPREL registration number	391834
EyeComfort	Yes

## Product Data

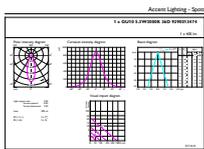
Order product name	MAS LED ExpertColor 5.5-50W GU10 930 36D
Full product name	MASTER LED ExpertColor 5.5-50W GU10 930 36D
Full EOC	871869670769200
Order code	70769200
Material no. (12 NC)	929001347402
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707692
Numerator – packs per outer box	10
EAN/UPC - Case	8718696707708

## Dimensional drawing

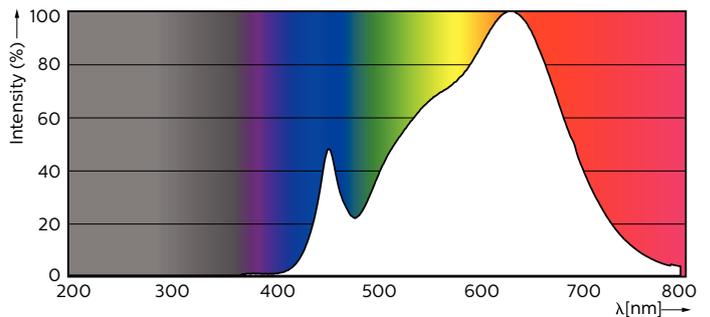


Product	D	C
MAS LED ExpertColor 5.5-50W GU10 930 36D	50 mm	54 mm

## Photometric data



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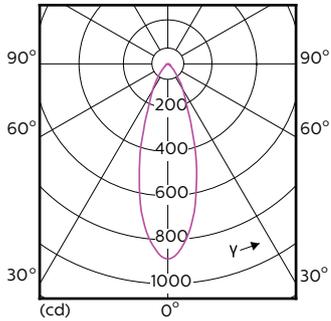


## Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 930 36D

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

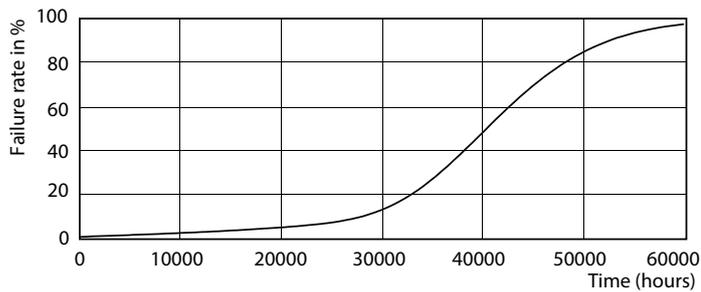
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## Photometric data

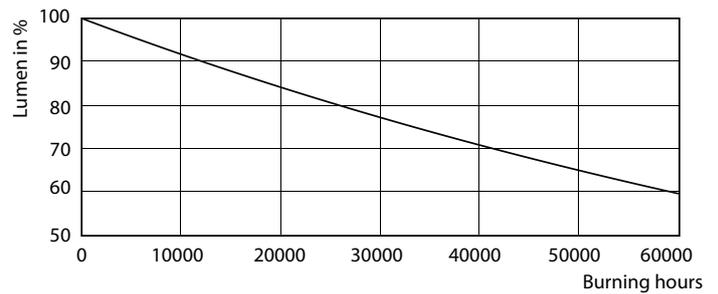


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 36D

## 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

