



# MASTER LEDspot ExpertColor MV

## MASTER LED ExpertColor 5.5-50W GU10 940 25D

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	Correlated Color Temperature (Nom)	4000 K
Nominal lifetime	40,000 hour(s)	Luminous Efficacy (rated) (Nom)	72.00 lm/W
Switching Cycle	50,000	Color Consistency	<3
Lighting Technology	LED	Color rendering index (CRI)	97
Flux measurement reference	Narrow Cone	LLMF At End Of Nominal Lifetime (Nom)	70 %
CE mark	Yes	Luminous Flux in 90° Cone (Rated)	400 lm
EU RoHS compliant	Yes	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
		Stroboscopic effect visibility measure (SVM)	0.4
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	940 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	25 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	400 lm	Power Consumption	5.5 W
Luminous Intensity (Nom)	1,050 cd		
Color Designation	Cool White (CW)		

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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

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
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Approval and Application

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

EPREL Registration Number	391833
EyeComfort	Yes

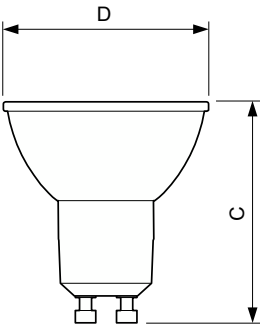
Application Conditions

can it be used in closed luminaires	No
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Product Data

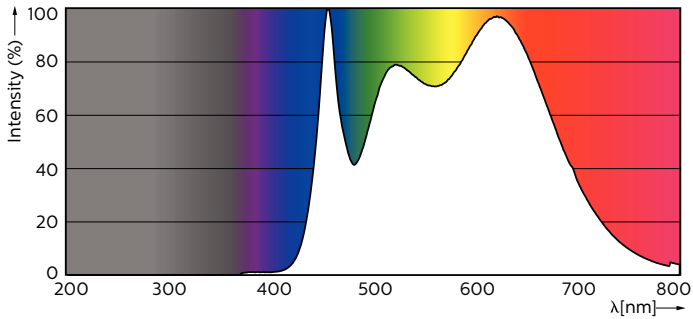
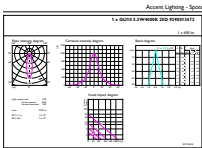
Order product name	MAS LED ExpertColor 5.5-50W GU10 940 25D
Full product name	MASTER LED ExpertColor 5.5-50W GU10 940 25D
Full product code	871869670765400
Order code	70765400
Material Nr. (12NC)	929001347202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707654
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707661

Dimensional drawing



Product	D	C
MAS LED ExpertColor 5.5-50W GU10 940 25D	50 mm	54 mm

Photometric data

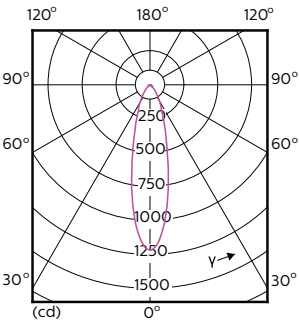


Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 940 25D

Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 940 25D

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## Photometric data

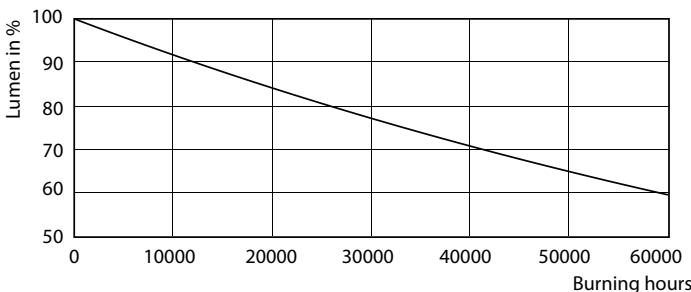


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 940 25D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 940 25D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 940 25D

