



MASTER LED spot ExpertColor MV

MAS LED ExpertColor 5.5-50W GU10 930 24D

LEDspot, PAR16, 50 W, GU10, 3000 K, 405 lm, 40000 hour(s)

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		Operating and Electrical	
Cap-Base	GU10	Correlated Color Temperature (Nom)	3000 K
Nominal lifetime	40,000 hour(s)	Luminous Efficacy (rated) (Nom)	73.64 lm/W
Switching Cycle	50,000	Color Consistency	<3
Lighting Technology	LEDspot	Color rendering index (CRI)	97
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	375 lm
Light Technical			
Color Code	930 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	24 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	405 lm	Power Consumption	5.5 W
Luminous Intensity (Nom)	1,000 cd	Lamp Current (Nom)	30 mA
Color Designation	White (WH)		

MASTER LED spot ExpertColor MV

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
----------------------	-------

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Bulb Shape	PAR16
Net Weight (Piece)	0.060 kg

Approval and Application

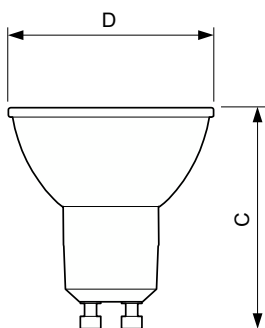
Suitable For Accent Lighting	Yes
------------------------------	-----

Energy Consumption kWh/1000 h	6 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Product Data

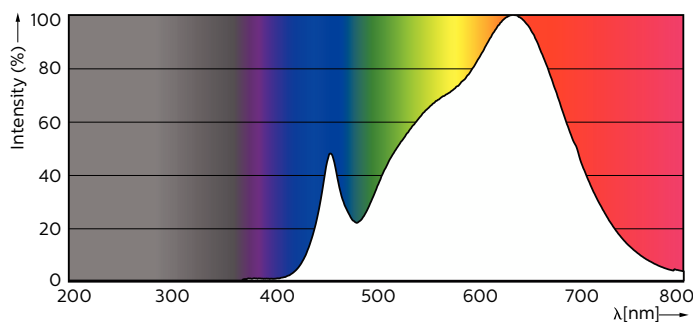
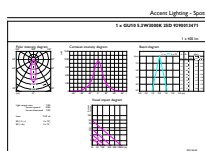
Order product name	MAS LED ExpertColor 5.5-50W GU10 930 24D
Full product name	MAS LED ExpertColor 5.5-50W GU10 930 24D
Full product code	871869675588400
Order code	929001347108
Material Nr. (12NC)	929001347108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696755884
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696755891

Dimensional drawing



Product	D	C
MAS LED ExpertColor 5.5-50W GU10 930 24D	50 mm	54 mm

Photometric data

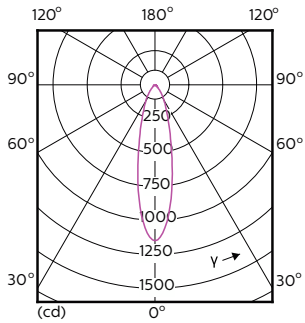


Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 930 24D

Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 930 24D

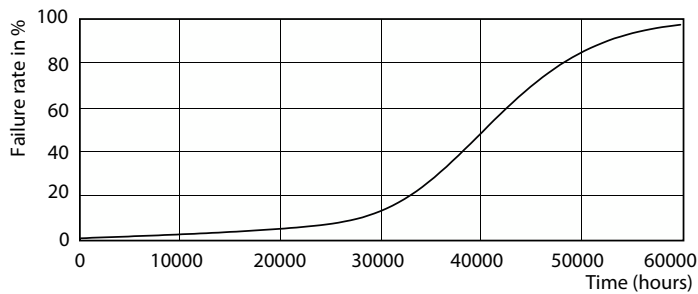
MASTER LED spot ExpertColor MV

Photometric data



Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D

Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 930 24D

