



MASTER LEDspot ExpertColor MV



MAS LED ExpertColor 3.9–35W 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

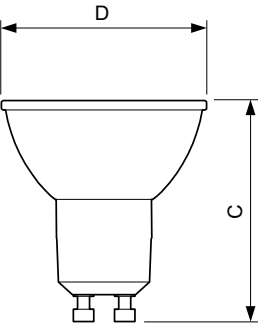
General Information			
Cap-Base	GU10 [GU10]	Correlated Color Temperature (Nom)	3000 K
Nominal lifetime	40,000 hour(s)	Luminous Efficacy (rated) (Nom)	71 lm/W
Switching Cycle	50,000	Color Consistency	<3
Lighting Technology	LED	Color rendering index (CRI)	97
Flux measurement reference	Narrow Cone	LLMF At End Of Nominal Lifetime (Nom)	70 %
CE mark	Yes	Luminous Flux in 90° Cone (Rated)	280 lumen
EU RoHS compliant	Yes	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	930 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	36 degree(s)	Power Consumption	3.9 W
Luminous Flux	280 lumen	Lamp Current (Nom)	22 mA
Luminous Intensity (Nom)	560 cd	Wattage Equivalent	35 W
Color Designation	White (WH)	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.8
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Shape	PAR16 [PAR 2 inch/50mm]
Approval and Application	
Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh

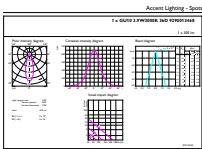
EPREL Registration Number	391830
EyeComfort	Yes
Product Data	
Full product code	871869670757900
Order product name	MAS LED ExpertColor 3.9-35W GU10 930 36D
Order code	929001346802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001346802
Full product name	MAS LED ExpertColor 3.9-35W GU10 930 36D
EAN/UPC - Case	8718696707586
EAN/UPC - Product/Case	8718696707579

Dimensional drawing

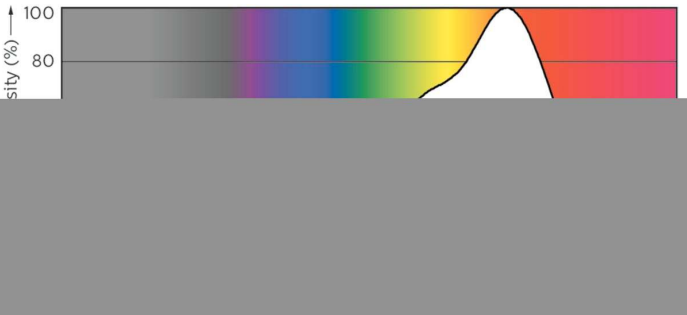


Product	D	C
MAS LED ExpertColor 3.9-35W GU10 930 36D	50 mm	54 mm

Photometric data



Document Reference: 01 Photo Lighting: 01 Page: 10

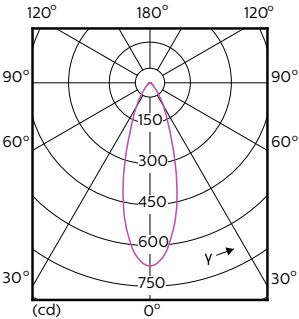


Accent Lighting Spots - MAS LED ExpertColor 3.9-35W GU10 930 36D

Spectral Power Distribution Colour - MAS LED ExpertColor 3.9-35W GU10 930 36D

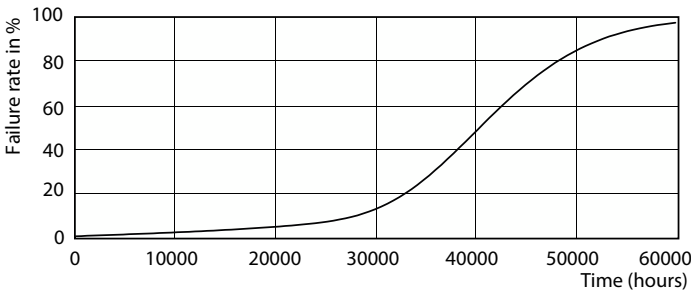
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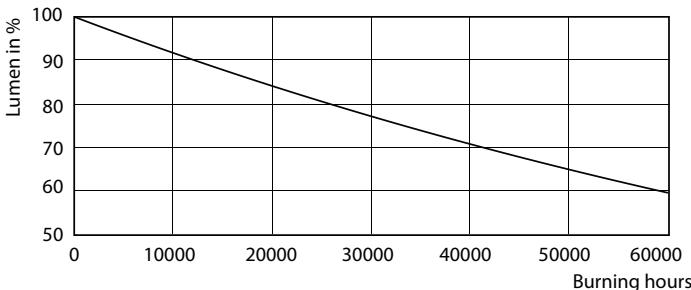


Light Distribution Diagram - MAS LED ExpertColor 3.9-35W GU10 930 36D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 3.9-35W GU10 930 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 3.9-35W GU10 930 36D

