



MASTER LEDspot ExpertColor MV



MASTER LED ExpertColor 5.5–50W GU10 930 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

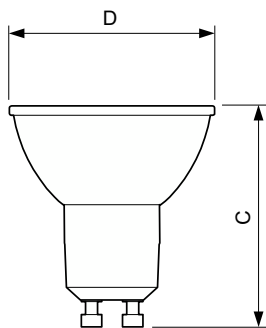
General Information	
Cap-Base	GU10
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	375 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	White (WH)

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	68.00 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
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
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5.5 W

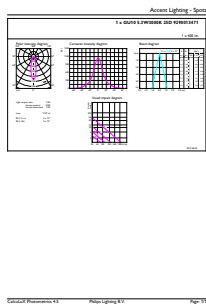
MASTER LEDspot ExpertColor MV

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
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	PAR16
Approval and Application	
Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh

Dimensional drawing



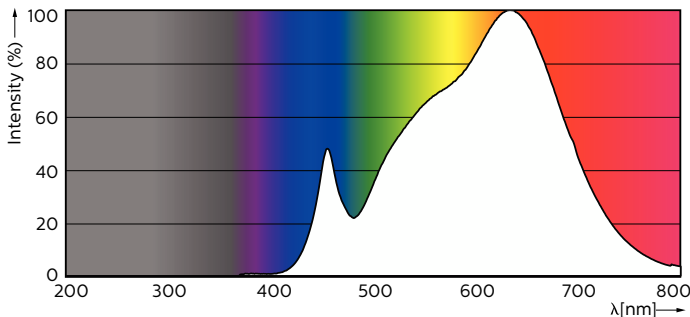
Photometric data



Accent Lighting Spots - MAS LED ExpertColor 5.5-50W GU10 930 25D

EPREL Registration Number	391832
EyeComfort	Yes
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED ExpertColor 5.5-50W GU10 930 25D
Full product name	MASTER LED ExpertColor 5.5-50W GU10 930 25D
Full product code	871869670763000
Order code	70763000
Material Nr. (12NC)	929001347102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707630
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707647

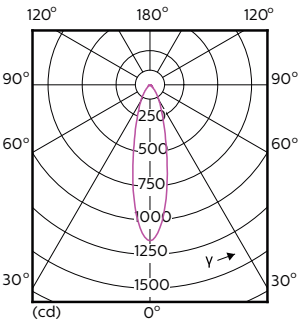
Product	D	C
MAS LED ExpertColor 5.5-50W GU10 930 25D	50 mm	54 mm



Spectral Power Distribution Colour - MAS LED ExpertColor 5.5-50W GU10 930 25D

MASTER LEDspot ExpertColor MV

Photometric data

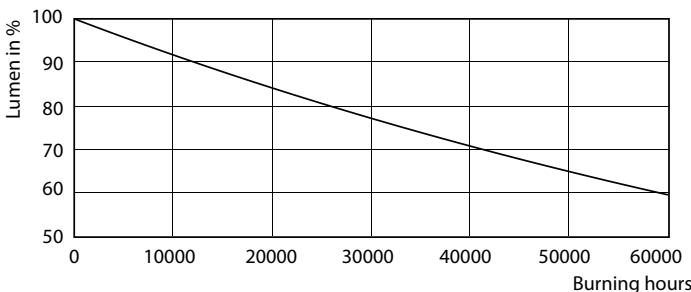


Light Distribution Diagram - MAS LED ExpertColor 5.5-50W GU10 930 25D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 5.5-50W GU10 930 25D



Lumen Maintenance Diagram - MAS LED ExpertColor 5.5-50W GU10 930 25D

