

PHILIPS

Lighting



MASTER LEDspot GU10 UltraEfficient

MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA

With Philips Ultra Efficient GU10 LED spots you have the perfect retrofit lamp to help your customers save energy and money with high quality, long-lasting and ultra energy-efficient LED.

Product data

General Information	
Cap-Base	GU10
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	375 lm
Luminous Intensity (Nom)	650 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	178 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	375 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	2.1 W
Lamp Current (Nom)	10 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	50 °C

Controls and Dimming	
Dimmable	Only with specific dimmers

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16

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Net Weight (Piece)	0.050 kg
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Approval and Application

Energy Efficiency Class	A
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1883374
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	UltraEfficient
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

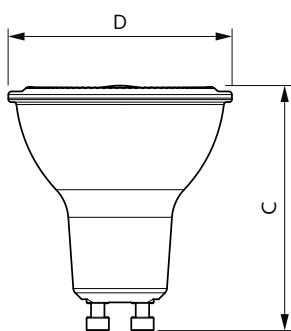
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

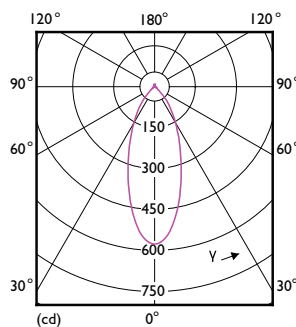
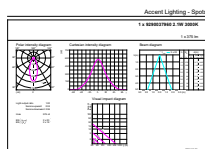
Order product name	MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA
Full product name	MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA
Full product code	872016930794000
Order code	929003796002
Material Nr. (12NC)	929003796002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169307940
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169307957

Dimensional drawing



Product	D	C
MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA	50 mm	54 mm

Photometric data

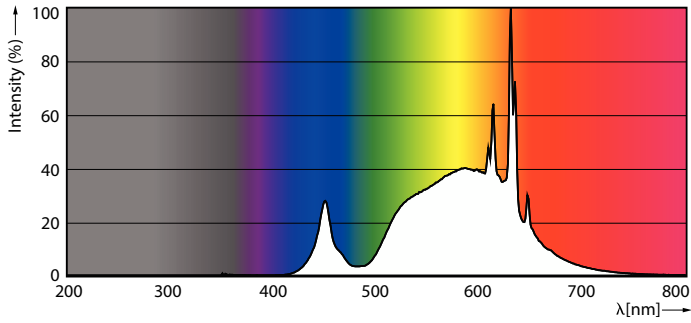


Accent Lighting Spots - MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA

Light Distribution Diagram - MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA

MASTER LEDspot GU10 UltraEfficient

Photometric data



Spectral Power Distribution Colour - MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA

