



MASTER LEDspot GU10 UltraEfficient

MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA

MASTER, LEDspot, PAR16, 50 W, GU10, 2700 K, 375 lm, CRI 80, 50000 h, Glass

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 h
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	375 lm
Luminous intensity (nom.)	650 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	178 lm/W
Colour consistency	<6
Colour 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

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16
Net Weight (Piece)	0.050 kg

Approval and Application

Energy Efficiency Class	A
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
EPREL Registration Number	1883375
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
LED innovations	UltraEfficient
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Ambient temperature range	-20 to +45 °C
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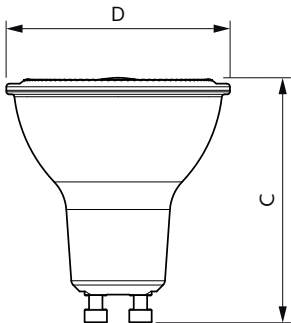
Application Conditions

Can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

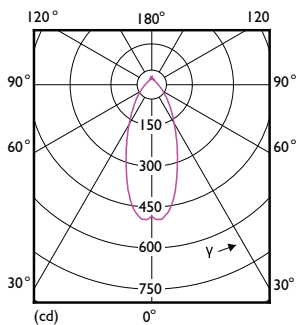
Order product name	MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA
Full product name	MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA
Full EOC	872016930792600
Order code	929003795902
Material no. (12 NC)	929003795902
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169307926
Numerator – packs per outer box	10
EAN/UPC - Case	8720169307933

Dimensional drawing

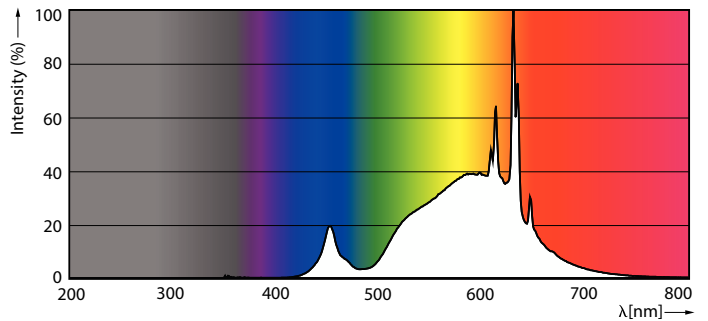


Product	D	C
MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA	50 mm	54 mm

Photometric data



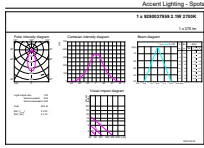
Light Distribution Diagram - MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA



Spectral Power Distribution Colour - MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA

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Photometric data

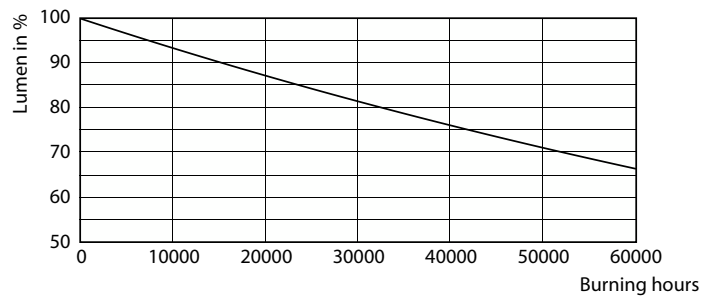


Accent Lighting Spots - MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA

