

MASTER LEDspot GU10 UltraEfficient

MAS LEDspot UE 2.1-50W GU10 ND 827 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 [GU10]
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
EU RoHS compliant	Yes

Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	375 lm
Luminous intensity (nom.)	680 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	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
Flickering value (PstLM)	1
Stroboscopic effect	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	2.1 W
Lamp current (nom.)	21 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (nom.)	220-240 V

Temperature	
Ambient temperature range	-20 to +45 °C
T-Case maximum (nom.)	50 °C

Controls and Dimming	
Dimmable	No

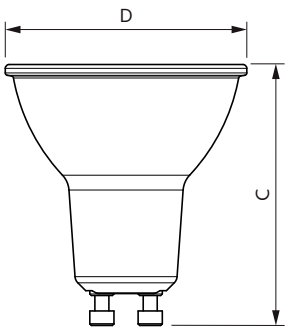
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Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16 [PAR 2 inch/50 mm]

Approval and Application	
Energy Efficiency Class	A
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
EPREL registration number	1428242
EyeComfort	Yes

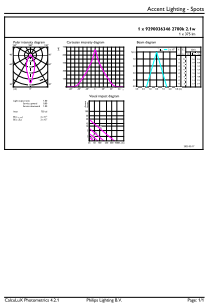
Product Data	
Order product name	MAS LEDspot UE 2.1-50W GU10 ND 827 EELA
Full product name	MAS LEDspot UE 2.1-50W GU10 ND 827 EELA
Full EOC	872016919485400
Order code	19485400
Material no. (12 NC)	929003634602
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8720169194854
Numerator – packs per outer box	10
EAN/UPC - Case	8720169194861

Dimensional drawing

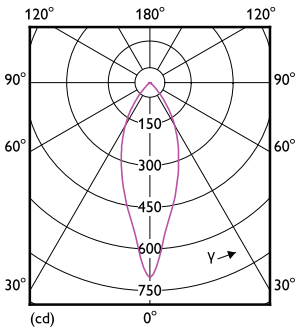


Product	D	C
MAS LEDspot UE 2.1-50W GU10 ND 827 EELA	50 mm	54 mm

Photometric data



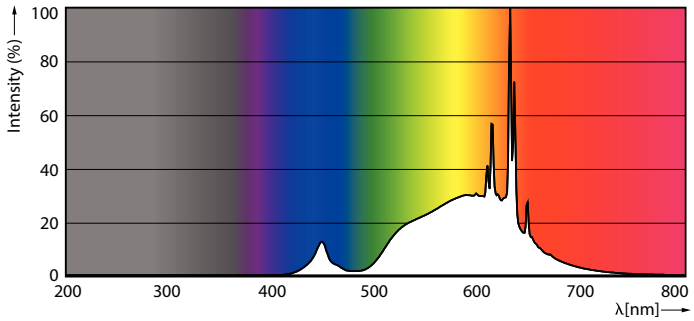
Accent Lighting Spots - MAS LEDspot UE 2.1-50W GU10 ND 827 EELA



Light Distribution Diagram

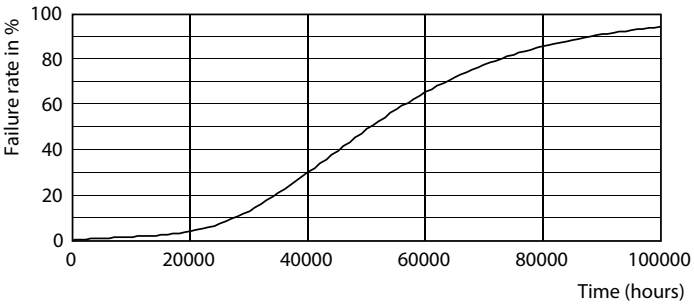
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Photometric data

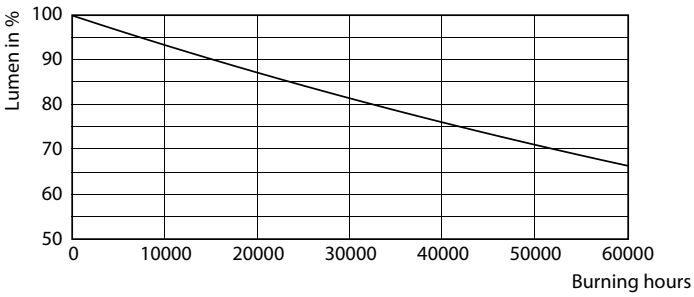


Spectral Power Distribution Colour

Lifetime



Life Expectancy Diagram - MAS LEDspot UE 2.1-50W GU10 ND 827 EELA



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

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