

PHILIPS

Lighting



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 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	375 lumen
Luminous Intensity (Nom)	680 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 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 lumen
Flickering value (PstLM)	1

Stroboscopic effect value (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	2.1 W
Lamp Current (Nom)	18 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.35
Voltage (Nom)	220-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C

Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16 [PAR 2 inch/50mm]

Approval and Application

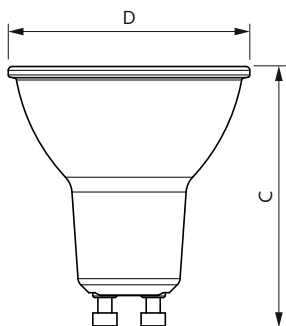
Energy Efficiency Class	A
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1428242
EyeComfort	Yes

Product Data

Full product code	872016919485400
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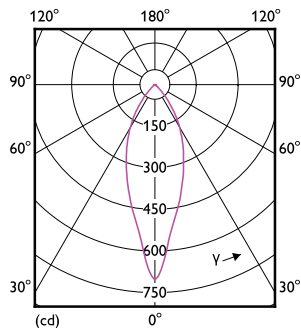
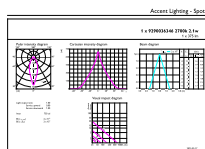
Order product name	MAS LEDspot UE 2.1-50W GU10 ND 827 EELA
Order code	929003634602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003634602
Full product name	MAS LEDspot UE 2.1-50W GU10 ND 827 EELA
EAN/UPC - Case	8720169194861
EAN/UPC - Product/Case	8720169194854

Dimensional drawing



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

Photometric data

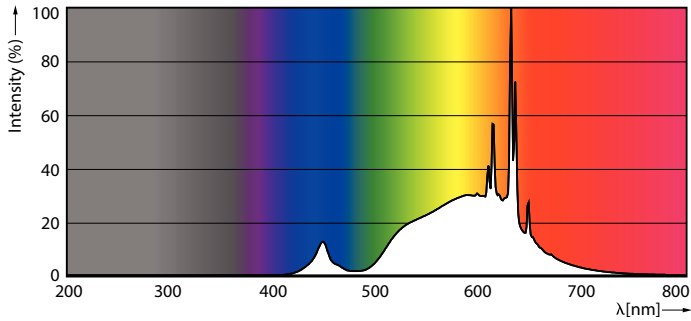


Accent Lighting Spots - MAS LEDspot UE 2.1-50W GU10 ND 827 EELA

Light Distribution Diagram

MASTER LEDspot GU10 UltraEfficient

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

