



# MASTER LEDspot GU10 UltraEfficient

## MAS LEDspot UE 2.1-50W GU10 ND 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

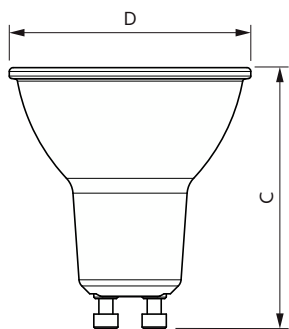
General Information	
Cap base	GU10
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	375 lm
Luminous intensity (nom.)	680 cd
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 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	
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	
T-Case maximum (nom.)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16

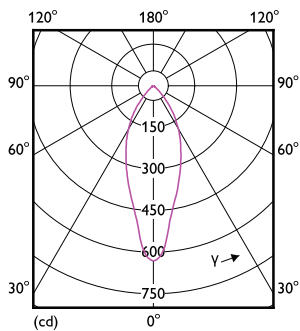
# MASTER LEDspot GU10 UltraEfficient

Net Weight (Piece)	0.052 kg
<b>Approval and Application</b>	
Energy Efficiency Class	A
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
EPREL Registration Number	1428240
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C
<b>Application Conditions</b>	
Can it be used in closed luminaires	No

## Dimensional drawing



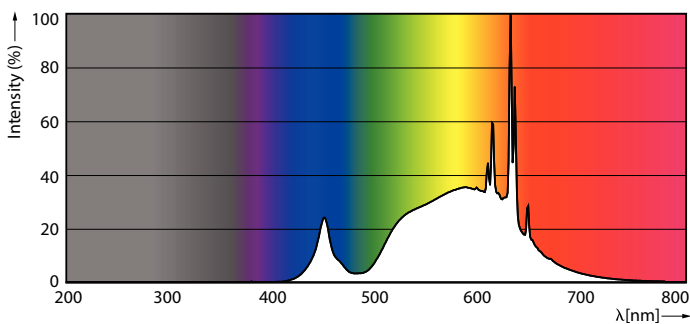
## Photometric data



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

<b>Product Data</b>	
Order product name	MAS LEDspot UE 2.1-50W GU10 ND 830 EELA
Full product name	MAS LEDspot UE 2.1-50W GU10 ND 830 EELA
Full EOC	872016917434400
Order code	17434400
Material no. (12 NC)	929003610002
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169174344
Numerator – packs per outer box	10
EAN/UPC - Case	8720169174351

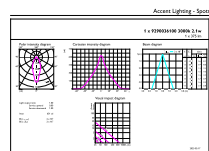
Product	D	C
MAS LEDspot UE 2.1-50W GU10 ND 830 EELA	50 mm	54 mm



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

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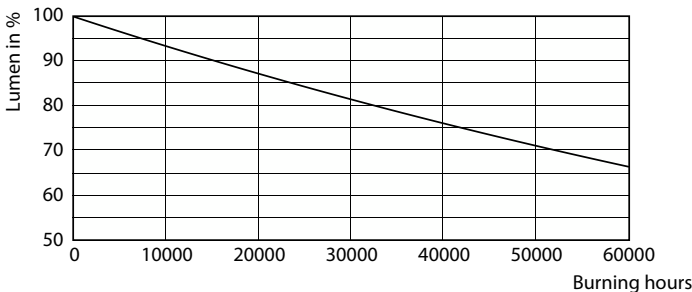
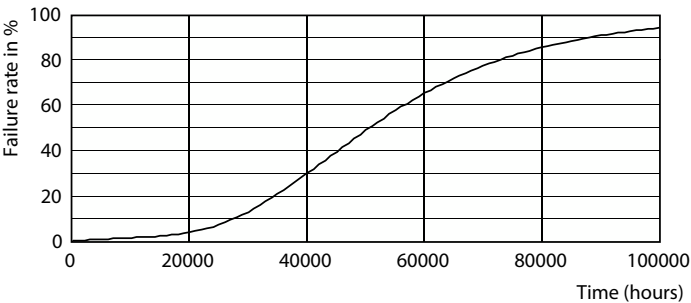
## Photometric data



Technical Parameters 4.2.1 Philips Lighting B.V. Page 117

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

## Lifetime



### Life Expectancy Diagram

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

