

**PHILIPS**

Lighting



# MASTER LEDspot GU10 UltraEfficient

## MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

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]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X
	Narrow Cone
Tier	MASTER

Light technical	
Colour Code	830 [ CCT of 3,000 K]
Beam Angle (Nom)	36 °
Luminous flux (nom.)	380 lm
Luminous intensity (nom.)	800 cd
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	158 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

Luminous flux in 90° cone (rated)	380 lm
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Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	2.4 W
Lamp current (nom.)	27 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.35
Voltage (Nom)	220-240 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	55 °C

Controls and dimming	
Dimmable	No

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## Mechanical and housing

Lamp Finish	Clear
Bulb material	Clear plastic
Bulb shape	PAR16 [ PAR 2 inch]

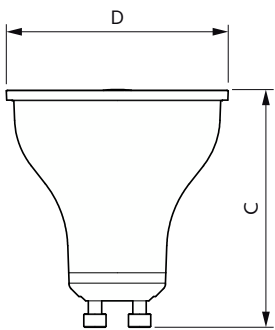
## Approval and application

Energy Efficiency Class	B
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
	1330819

## Product data

Full product code	871951442174500
Order product name	MAS LEDspot UE 2.4-50W GU10 ND 830 EELB
EAN/UPC – product	8719514421745
Order code	42174500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003163102
Net Weight (Piece)	0.036 kg

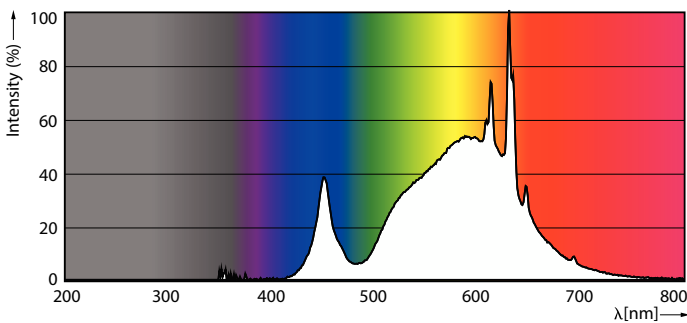
## Dimensional drawing



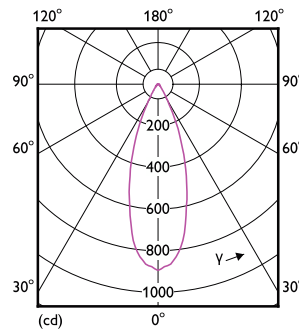
MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

Product	D	C
MAS LEDspot UE 2.4-50W GU10 ND 830 EELB	50 mm	54 mm

## Photometric data



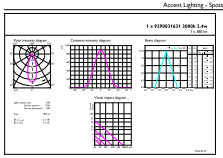
Spectral Power Distribution Colour



Light Distribution Diagram

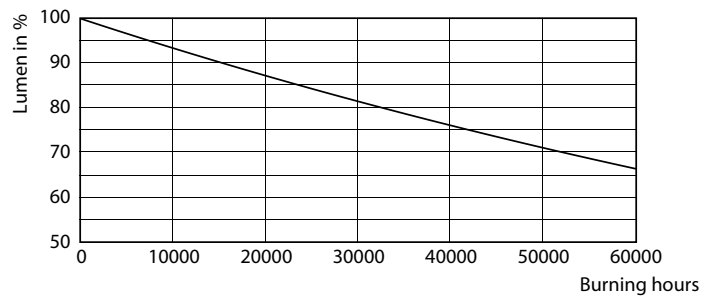
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## Photometric data



### Accent Lighting Spots

## Lifetime



### Life Expectancy Diagram

### Lumen Maintenance Diagram

