



MASTER UltraEfficient GU10



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]
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

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 ℃
Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp Finish	Clear
Bulb material	Clear plastic

Datasheet, 2022, September 15 data subject to change

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Pulls above	DADIC LDAD 2 in chi
Bulb shape	PAR16 [PAR 2 inch]
Approval and application	
Energy Efficiency Class	В
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
	1087972

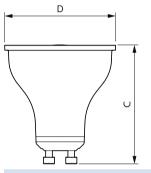
871951442174500

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

Product data

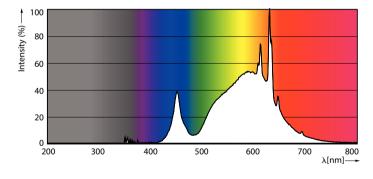
Full product code

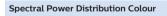


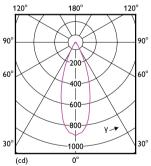
MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

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

Photometric data



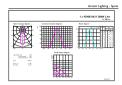




Light Distribution Diagram

MASTER UltraEfficient GU10

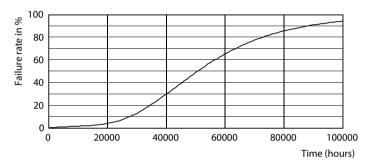
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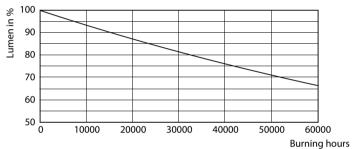


Calculus Photographics 4.2.1 Philips Lighting B.V. Page: 17

Accent Lighting Spots

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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