

PHILIPS

Lighting



MASTER UltraEfficient GU10

MAS LEDspot UE 2.4-50W GU10 ND 840 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	840 [CCT of 4,000 K]
Beam Angle (Nom)	36 °
Luminous flux (nom.)	380 lm
Luminous intensity (nom.)	900 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 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 °C

Controls and dimming	
Dimmable	No

Mechanical and housing	
Lamp Finish	Clear
Bulb material	Clear plastic

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Bulb shape	PAR16 [PAR 2 inch]
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Approval and application

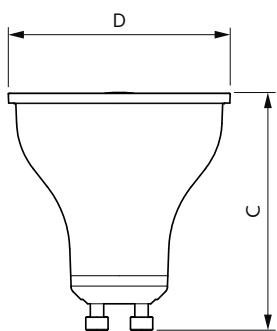
Energy Efficiency Class	B
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh 1087971

Product data

Full product code	871951442178300
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Order product name	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB
EAN/UPC – product	8719514421783
Order code	42178300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003163202
Net Weight (Piece)	0.036 kg

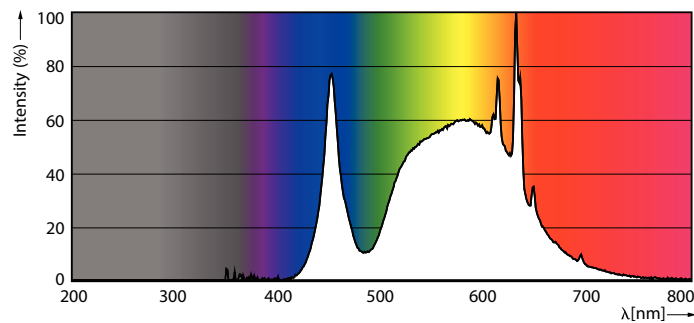
Dimensional drawing



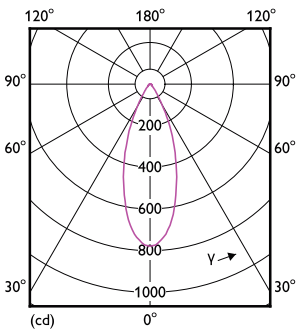
MAS LEDspot UE 2.4-50W GU10 ND 840 EELB

Product	D	C
MAS LEDspot UE 2.4-50W GU10 ND 840 EELB	50 mm	54 mm

Photometric data



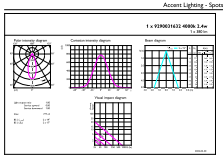
Spectral Power Distribution Colour



Light Distribution Diagram

MASTER UltraEfficient GU10

Photometric data



Accent Lighting Spots

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

