

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		Stroboscopic effect visibility measure (SVM)		0.4
Cap-Base	GU10	Photobiological safety according to EN 62471		RG1
Nominal lifetime	50,000 hour(s)	Operating and Electrical		
Switching Cycle	50,000	Line Frequency	50 to 60 Hz	
Lighting Technology	LED	Input Frequency	50 to 60 Hz	
Flux measurement reference	Narrow Cone	Power Consumption	2.4 W	
Light Technical		Lamp Current (Nom)	27 mA	
Color Code	830 [CCT of 3000K]	Wattage Equivalent	50 W	
Beam Angle (Nom)	36 degree(s)	Starting Time (Nom)	0.5 s	
Luminous Flux	380 lm	Warm-up time to 60% light	0.5 s	
Luminous Intensity (Nom)	900 cd	Power Factor (Fraction)	0.35	
Luminous Efficacy (rated) (Nom)	158 lm/W	Voltage (Nom)	220-240 V	
Color Designation	White (WH)	Temperature		
Correlated Color Temperature (Nom)	3000 K	Ambient temperature range	-20 °C to 45 °C	
Color Consistency	<6	T-Case Maximum (Nom)	55 °C	
Color rendering index (CRI)	80	Controls and Dimming		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	No	
Luminous Flux in 90° Cone (Rated)	380 lm			
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1			

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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Clear Plastic
Bulb Shape	PAR16

Approval and Application

Energy Efficiency Class	B
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1330819
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

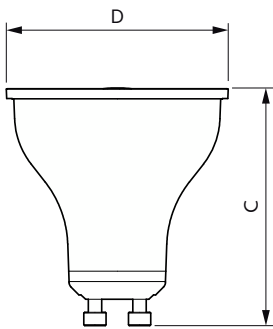
Application Conditions

can it be used in closed luminaires	No
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Product Data

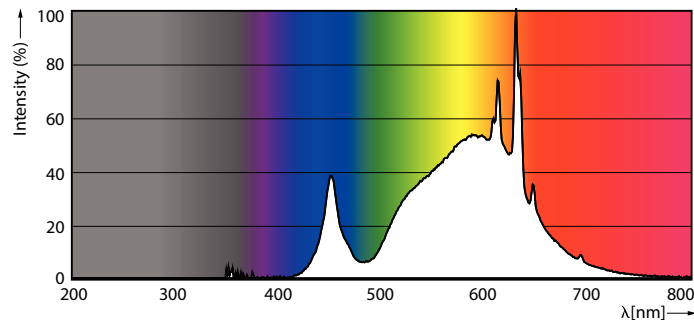
Order product name	MAS LEDspot UE 2.4-50W GU10 ND 830 EELB
Full product name	MAS LEDspot UE 2.4-50W GU10 ND 830 EELB
Full product code	871951442174500
Order code	929003163102
Material Nr. (12NC)	929003163102
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.036 kg
EAN/UPC - Product/Case	8719514421745
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514421752

Dimensional drawing

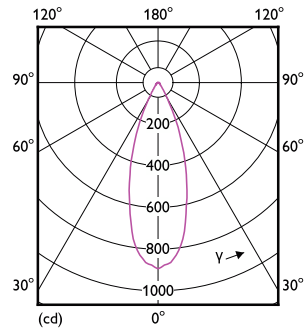


Product	D	C
MAS LEDspot UE 2.4-50W GU10 ND 830 EELB	50 mm	54 mm

Photometric data



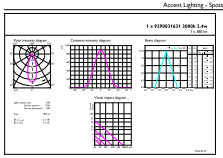
Spectral Power Distribution Colour - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB



Light Distribution Diagram - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

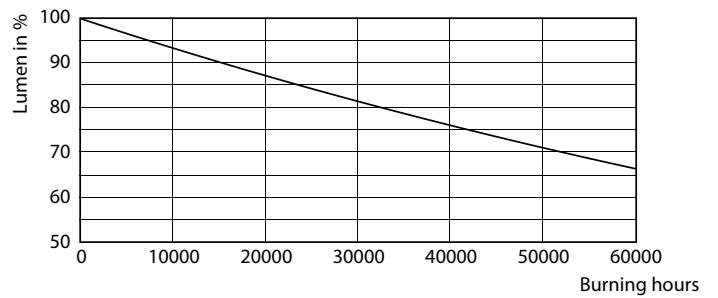
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Photometric data



Accent Lighting Spots - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

