

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
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	380 lm
Luminous Intensity (Nom)	900 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	158 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	380 lm

Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	2.4 W
Lamp Current (Nom)	27 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.35
Voltage (Nom)	220-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C

MASTER LEDspot GU10 UltraEfficient

Controls and Dimming

Dimmable	No
----------	----

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
EyeComfort	Yes

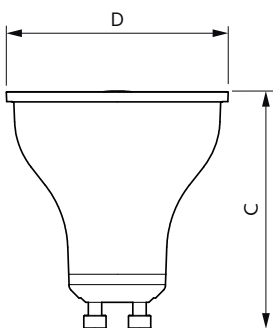
Application Conditions

can it be used in closed luminaires	No
-------------------------------------	----

Product Data

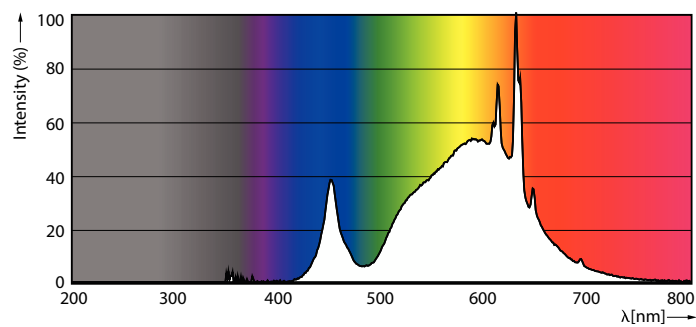
Order product name	MAS LEDspot UE 2.4-50W GU10 ND 830 EELB
Full product name	MAS LEDspot UE 2.4-50W GU10 ND 830 EELB
Full product code	871951442174500
Order code	929003163102
Material Nr. (12NC)	929003163102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514421745
Numerator - Packs per outer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

Dimensional drawing

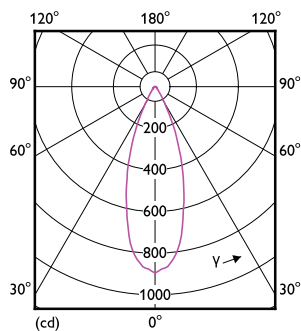


Product	D	C
MAS LEDspot UE 2.4-50W GU10 ND 830 EELB	50 mm	54 mm

Photometric data



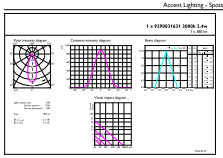
Spectral Power Distribution Colour - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB



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

MASTER LEDspot GU10 UltraEfficient

Photometric data



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

Lifetime



Life Expectancy Diagram - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB



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

