

PHILIPS

Lighting



MASTER LEDspot GU10 UltraEfficient

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]
CE mark	Yes
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Flux measurement reference	Narrow Cone
Tier	MASTER

Light technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 °
Luminous Flux (Nom)	380 lm
Luminous Intensity (Nom)	900 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	158 lm/W
Color Consistency	<6
Color 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 (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

Bulb Finish	Clear
Bulb Material	Clear Plastic
Bulb Shape	PAR16 [PAR 2 inch/50mm]

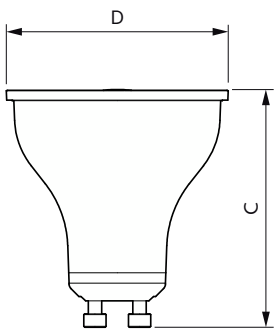
Approval and application

Energy Efficiency Class	B
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1330818

Product data

Full product code	871951442178300
Order product name	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB
EAN/UPC - Product	8719514421783
Order code	929003163202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003163202
Net Weight (Piece)	0.036 kg

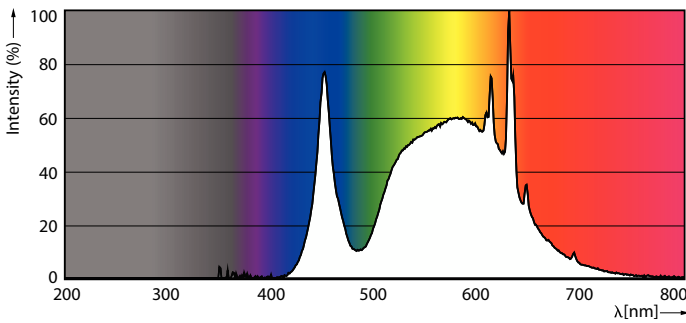
Dimensional drawing



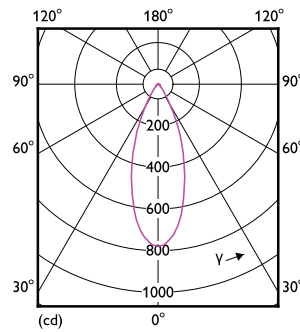
MAS LEDspot UE 2.4-50W GU10 ND 840 EELB

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

Photometric data



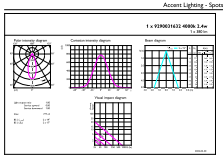
Spectral Power Distribution Colour



Light Distribution Diagram

MASTER LEDspot GU10 UltraEfficient

Photometric data



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Accent Lighting Spots

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

