PHILIPS

Lighting



MASTER LEDspot GU10 UltraEfficient

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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	
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Cap-Base	GU10 [GU10]

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	380 lumen
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 (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	380 lumen

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

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Clear Plastic

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Bulb Shape	PAR16 [PAR 2 inch/50mm]

Approval and Application

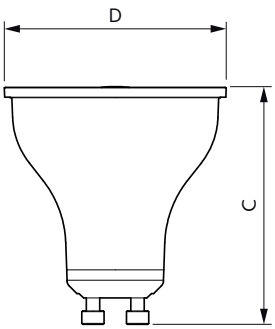
Energy Efficiency Class	B
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1330818
CE mark	Yes
EU RoHS compliant	Yes

Product Data

Full product code	871951442178300

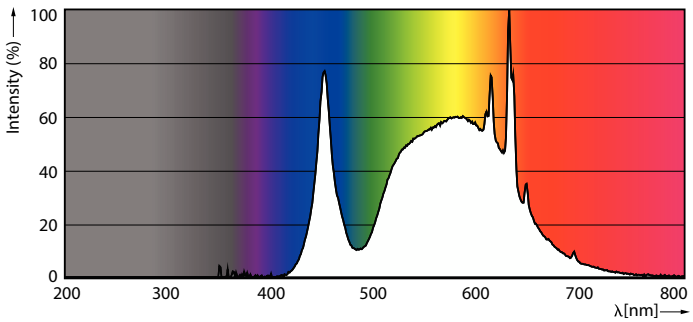
Order product name	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB
Order code	929003163202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003163202
Full product name	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB
EAN/UPC - Case	8719514421790

Dimensional drawing

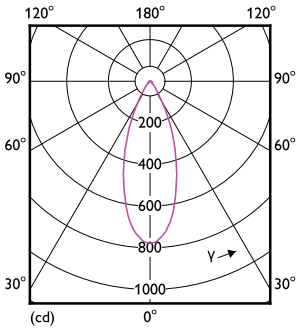


Product	D	C
MAS LEDspot UE 2.4-50W GU10 ND 840 EELB	50 mm	54 mm

Photometric data



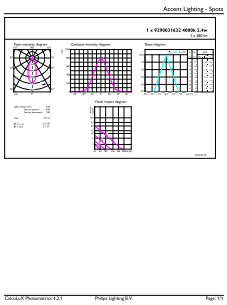
Spectral Power Distribution Colour - MAS LEDspot UE 2.4-50W GU10 ND 840 EELB



Light Distribution Diagram - MAS LEDspot UE 2.4-50W GU10 ND 840 EELB

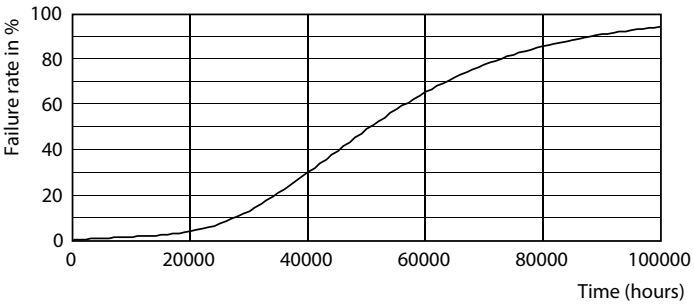
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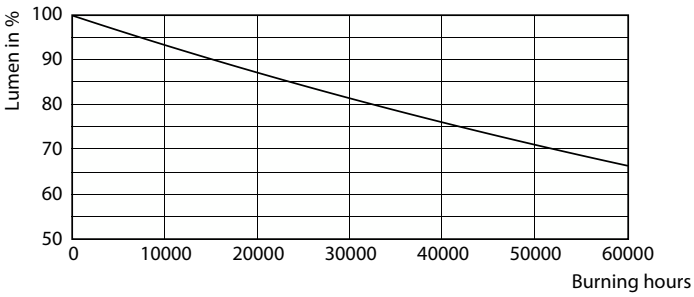


Accent Lighting Spots - MAS LEDspot UE 2.4-50W GU10 ND 840 EELB

Lifetime



Life Expectancy Diagram - MAS LEDspot UE 2.4-50W GU10 ND 840 EELB



Lumen Maintenance Diagram - MAS LEDspot UE 2.4-50W GU10 ND 840 EELB

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