



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		Operating and electrical	
Cap base	GU10 [GU10]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 h	Input frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	2.4 W
Lighting Technology	LED	Lamp current (nom.)	27 mA
Flux measurement reference	Narrow Cone	Wattage equivalent	50 W
Light technical		Starting time (nom.)	0.5 s
Colour Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam angle (nom.)	36 degree(s)	Power Factor (Fraction)	0.35
Luminous Flux	380 lm	Voltage (nom.)	220-240 V
Luminous intensity (nom.)	900 cd	Temperature	
Colour designation	Cool White (CW)	Ambient temperature range	-20°C to 45°C
Correlated Colour Temperature	4000 K	T-Case maximum (nom.)	55 °C
Luminous Efficacy (rated) (Nom)	158 lm/W	Controls and dimming	
Colour consistency	<6	Dimmable	No
Colour rendering index (CRI)	80	Mechanical and housing	
LLMF at end of nominal lifetime (nom.)	70 %	Lamp Finish	Clear
Luminous flux in 90° cone (rated)	380 lm	Bulb material	Clear plastic

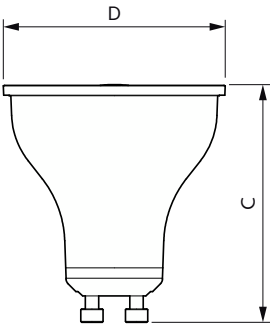
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Bulb shape	PAR16 [PAR 2 inch/50 mm]
Approval and application	
Energy Efficiency Class	B
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
EPREL registration number	1330818
CE mark	Yes
EU RoHS compliant	Yes

Product data	
Full EOC	871951442178300

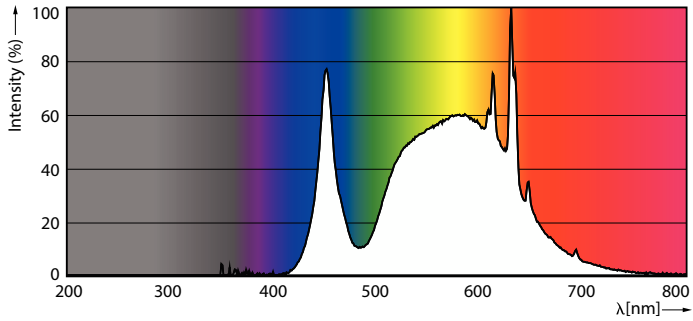
Order product name	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB
Order code	42178300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929003163202
Full product name	MAS LEDspot UE 2.4-50W GU10 ND 840 EELB
EAN/UPC – Case	8719514421790

Dimensional drawing

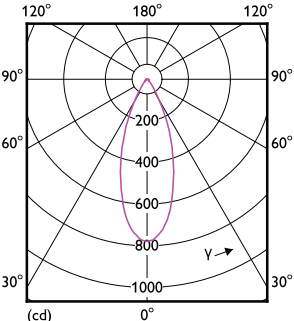


Product	D	C
MAS LEDspot UE 2.4-50W GU10 ND 840 EELB	50 mm	54 mm

Photometric data



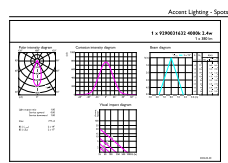
Spectral Power Distribution Colour - MAS LEDspot UE 2.4-50W GU10 ND 840 EELB



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

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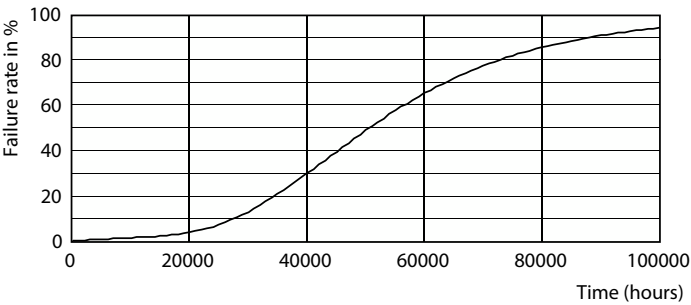
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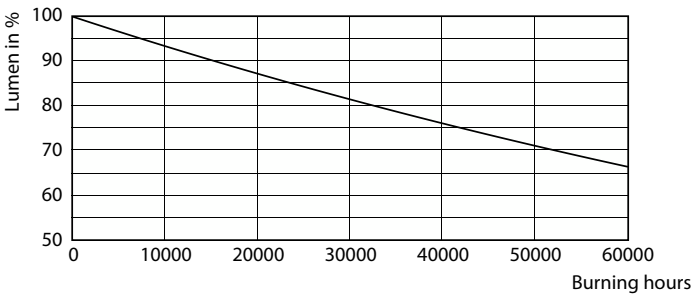
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Accent Lighting Spots - MAS LEDspot UE 2.4-50W GU10 ND 840 EELB

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

