



MASTER LEDspot GU10 UltraEfficient



MAS LEDspot UE 2.1-50W GU10 ND 840 EELA

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 h	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Narrow Cone	
Light Technical		
Colour Code	840 [CCT of 4000K]	
Beam angle (nom.)	36 degree(s)	
Luminous Flux	375 lm	
Luminous intensity (nom.)	680 cd	
Colour designation	Cool White (CW)	
Correlated Colour Temperature (Nom)	4000 K	
Luminous efficacy (rated) (nom.)	178 lm/W	
Colour consistency	<6	
Colour rendering index (CRI)	80	
LLMF at end of nominal lifetime (nom.)	70 %	
Luminous flux in 90° cone (rated)	375 lm	
Photobiological safety according to EN 62471 RG1		

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	2.1 W
Lamp current (nom.)	21 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16

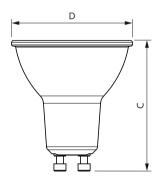
Datasheet, 2023, April 30 data subject to change

MASTER LEDspot GU10 UltraEfficient

Net Weight (Piece)	0.052 kg
Approval and Application	
Energy Efficiency Class	А
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
EPREL Registration Number	1428241
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C
Application Conditions	
Can it be used in closed luminaires	No

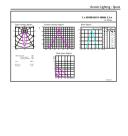
Product Data	
Order product name	MAS LEDspot UE 2.1-50W GU10 ND 840
	EELA
Full product name	MAS LEDspot UE 2.1-50W GU10 ND 840
	EELA
Full EOC	872016917436800
Order code	17436800
Material no. (12 NC)	929003610102
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8720169174368
Numerator – packs per outer box	10
EAN/UPC - Case	8720169174375

Dimensional drawing

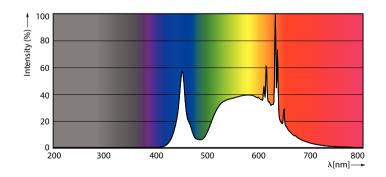


Product	D	С
MAS LEDspot UE 2.1-50W GU10 ND 840 EELA	50 mm	54 mm

Photometric data



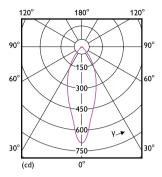
Accent Lighting Spots - MAS LEDspot UE 2.1-50W GU10 ND 840 EELA



Spectral Power Distribution Colour - MAS LEDspot UE 2.1-50W GU10 ND 840 EELA

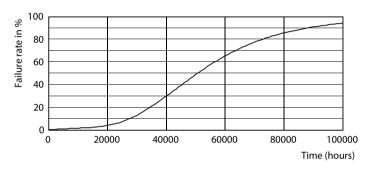
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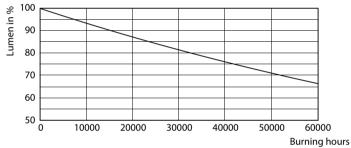
Photometric data



Light Distribution Diagram - MAS LEDspot UE 2.1-50W GU10 ND 840 EELA

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LEDspot UE 2.1-50W GU10 ND 840 EELA



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