



# 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 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	375 lm
Luminous Intensity (Nom)	680 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	178 lm/W
Color Consistency	<6
Color 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

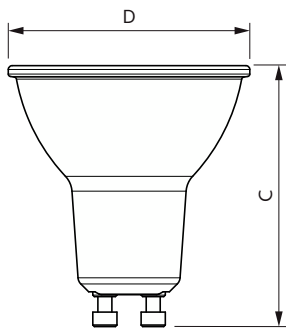
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	2.1 W
Lamp Current (Nom)	21 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16

# MASTER LEDspot GU10 UltraEfficient

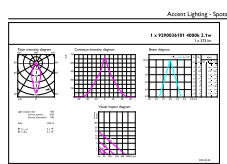
Net Weight (Piece)	0.052 kg
<b>Approval and Application</b>	
Energy Efficiency Class	A
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1428241
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

<b>Application Conditions</b>	
can it be used in closed luminaires	No

## Dimensional drawing



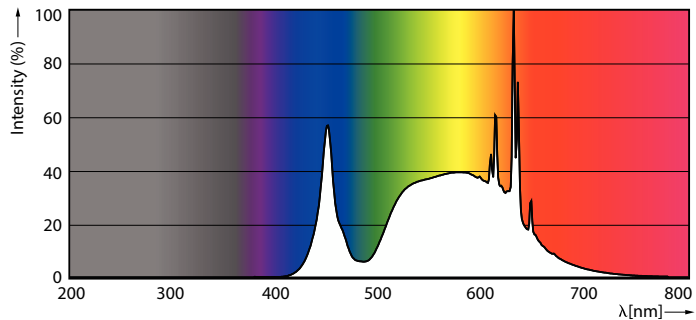
## Photometric data



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

<b>Product Data</b>	
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 product code	872016917436800
Order code	929003610102
Material Nr. (12NC)	929003610102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169174368
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169174375

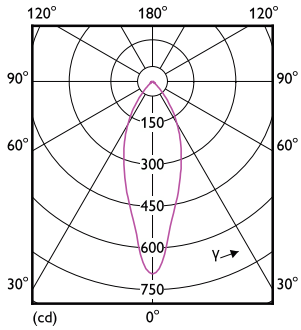
Product	D	C
MAS LEDspot UE 2.1-50W GU10 ND 840 EELA	50 mm	54 mm



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

# MASTER LEDspot GU10 UltraEfficient

## 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

