



MASTER LEDspot GU10 UltraEfficient



MAS LEDspot UE 2.1-50W GU10 ND 840 EELA

MASTER, LEDspot, PAR16, 50 W, GU10, 4000 K, 375 lm, CRI 80, 50000 hour(s), Glass

MASTER, LEDspot, PAR16, 50 W, GU10, 4000 K, 375 lm, CRI 80, 50000 hour(s), Glass, 178 lm/W, EEL A, PF 0.3, Beam angle 36 degree(s), RG1, IP20, SVM 0.4, PstLM
1

Product data

General Information	
Cap-Base	GU10
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years
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

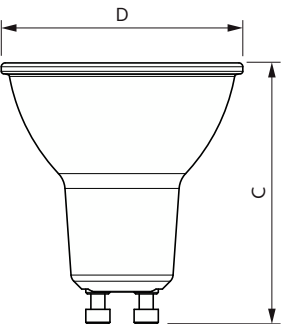
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	375 lm
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	2.1 W
Lamp Current (Nom)	21 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.3
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	50 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.052 kg
Approval and Application	
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

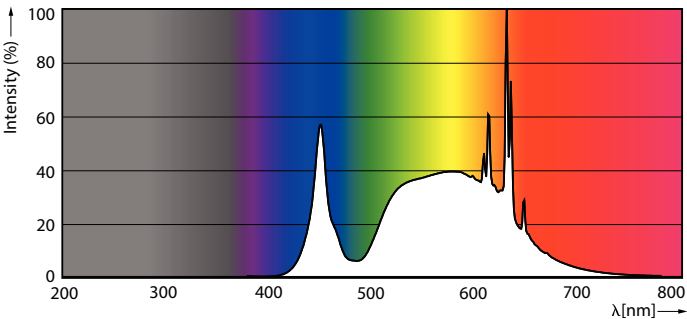
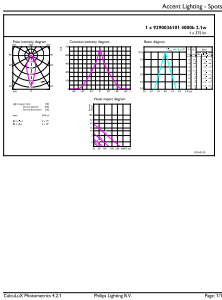
Application Conditions	
can it be used in closed luminaires	No
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LEDspot UE 2.1-50W GU10 ND 840 EELA
Full product name	MAS LEDspot UE 2.1-50W GU10 ND 840 EELA
Full product code	872016917436800
Order code	929003610102
Material Nr. (12NC)	929003610102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169174368
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169174375

Dimensional drawing



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

Photometric data

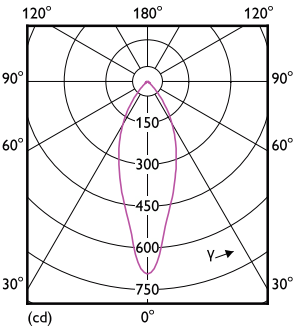


Accent Lighting Spots - MAS LEDspot UE 2.1-50W GU10 ND 840 EELA

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

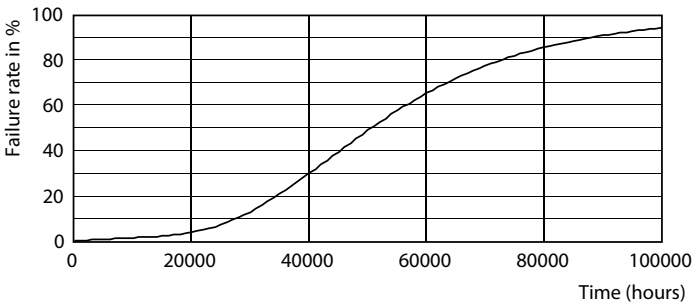
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Photometric data

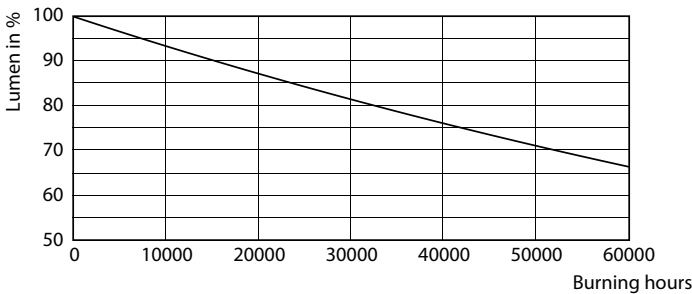


Light Distribution Diagram - MAS LEDspot UE 2.1-50W GU10 ND 840 EELA

Lifetime



Life Expectancy Diagram



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

