



# CorePro LEDspot MV



## Corepro LEDspot 550lm GU10 840 120D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. These GU10 LED spot lights are compatible with most existing fixtures with a GU10 LED base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots deliver significant energy savings and minimize maintenance costs.

### Product data

General Information		Power Consumption	
Cap-Base	GU10	Power Consumption	4.9 W
Nominal lifetime	15,000 hour(s)	Lamp Current (Nom)	40 mA
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
Flux measurement reference	Sphere	Power Factor (Fraction)	0.5
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	T-Case Maximum (Nom)	85 °C
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	550 lm	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	112 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Shape	PAR16
Color rendering index (CRI)	80	Net Weight (Piece)	0.045 kg
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Photobiological safety according to EN 62471	RG1	Approval and Application	
		Energy Efficiency Class	E
		Suitable For Accent Lighting	No
		Energy Consumption kWh/1000 h	5 kWh
		EPREL Registration Number	1825204
Operating and Electrical			
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		

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EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per 1 EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.6

## Application Conditions

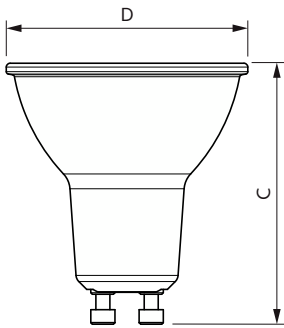
can it be used in closed luminaires	No
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## Product Data

Order product name	Corepro LEDspot 550lm GU10 840 120D
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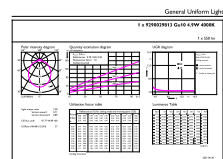
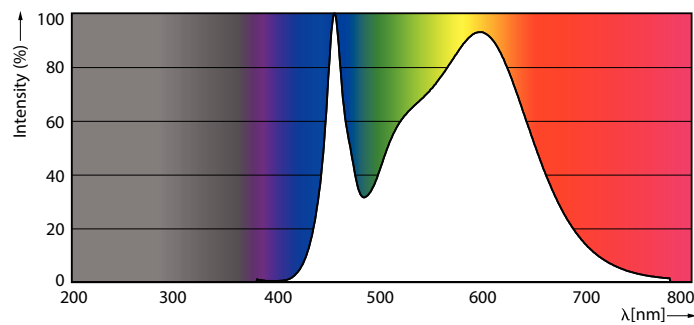
Full product name	Corepro LEDspot 550lm GU10 840 120D
Full product code	871951430865700
Order code	929002981302
Material Nr. (12NC)	929002981302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514308657
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514308664

## Dimensional drawing



Product	D	C
Corepro LEDspot 550lm GU10 840 120D	50 mm	54 mm

## Photometric data



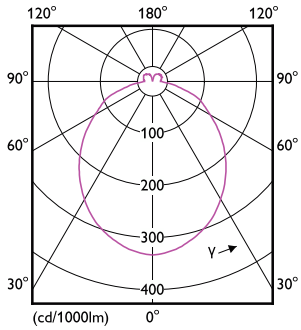
General Uniform Lighting - CorePro LEDspot 550lm GU10 840 120D

Spectral Power Distribution Colour - Corepro LEDspot 550lm GU10 840 120D

General uniform lighting - Corepro LEDspot 550lm GU10 840 120D

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## Photometric data



Light Distribution Diagram - Corepro LEDspot 550lm GU10 840 120D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Corepro LEDspot 550lm GU10 840 120D

