



# CorePro LEDspot MV



## Corepro LEDspot 550lm GU10 830 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	
Cap-Base	GU10
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	550 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	112 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per 1 EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.6

Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.9 W
Lamp Current (Nom)	40 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR16

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## Approval and Application

Energy Efficiency Class	E
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	1825202
EyeComfort	Yes

## Application Conditions

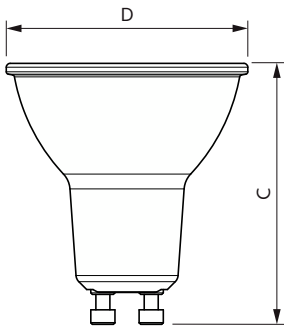
can it be used in closed luminaires	No
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## Product Data

Order product name	Corepro LEDspot 550lm GU10 830 120D
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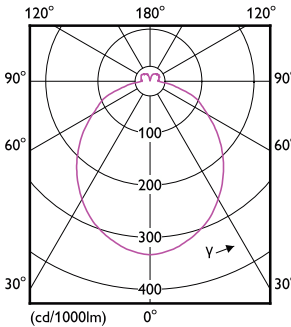
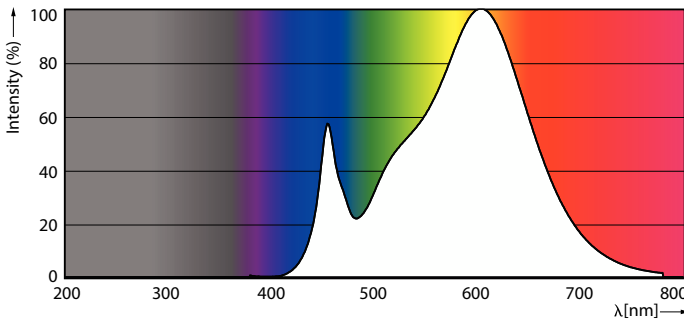
Full product name	Corepro LEDspot 550lm GU10 830 120D
Full product code	871951430875600
Order code	929002981202
Material Nr. (12NC)	929002981202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514308756
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514308763

## Dimensional drawing



Product	D	C
Corepro LEDspot 550lm GU10 830 120D	50 mm	54 mm

## Photometric data

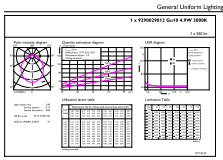


Spectral Power Distribution Colour - Corepro LEDspot 550lm GU10 830 120D

Light Distribution Diagram - Corepro LEDspot 550lm GU10 830 120D

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## Photometric data



General uniform lighting - Corepro LEDspot 550lm GU10 830 120D

## Lifetime



Life Expectancy Diagram - Corepro LEDspot 550lm GU10 830 120D



Lumen Maintenance Diagram - Corepro LEDspot 550lm GU10 830 120D

