



CorePro LEDspot MV



Corepro LEDspot 4.6-50W GU10 827 36D

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	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	355 lm
Luminous Intensity (Nom)	700 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	77.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	355 lm

Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.6 W
Lamp Current (Nom)	39 mA
Wattage Equivalent	50 W
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)	72 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	PAR16
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Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387358
EyeComfort	Yes

Application Conditions

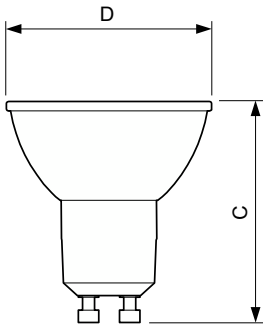
can it be used in closed luminaires	No
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Product Data

Order product name	Corepro LEDspot 4.6-50W GU10 827 36D
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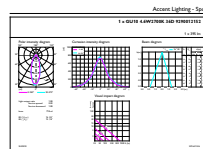
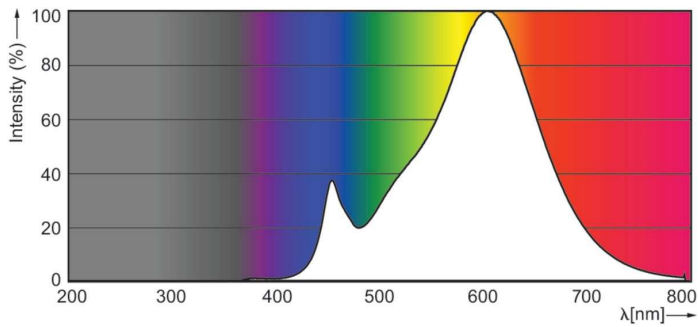
Full product name	Corepro LEDspot 4.6-50W GU10 827 36D
Full product code	871869675251700
Order code	929001215232
Material Nr. (12NC)	929001215232
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696752517
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696752524

Dimensional drawing



Product	D	C
Corepro LEDspot 4.6-50W GU10 827 36D	50 mm	54 mm

Photometric data

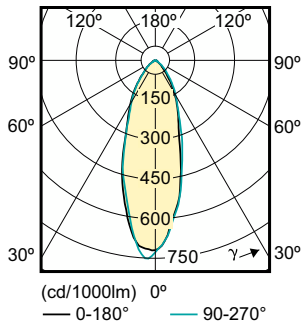


Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 827 36D

General uniform lighting - Corepro LEDspot 4.6-50W GU10 827 36D

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Photometric data



Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 827 36D

Lifetime



Life Expectancy Diagram - Corepro LEDspot 4.6-50W GU10 827 36D



Lumen Maintenance Diagram - Corepro LEDspot 4.6-50W GU10 827 36D

