



CorePro LEDspot MV



CorePro LEDspot 4.6-50W GU10 827 36D 5CT

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		Stroboscopic effect visibility measure (SVM)	
Cap-Base	GU10		0.4
Nominal lifetime	15,000 hour(s)	Photobiological safety according to EN 62471	RG1
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Flux measurement reference	Narrow Cone	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power Consumption	4.6 W
Light Technical		Lamp Current (Nom)	39 mA
Color Code	827 [CCT of 2700K]	Wattage Equivalent	50 W
Beam Angle (Nom)	36 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	355 lm	Warm-up time to 60% light	0.5 s
Luminous Intensity (Nom)	700 cd	Power Factor (Fraction)	0.5
Color Designation	Warm White (WW)	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	2700 K	Temperature	
Luminous Efficacy (rated) (Nom)	77.00 lm/W	T-Case Maximum (Nom)	72 °C
Color Consistency	<6	Controls and Dimming	
Color rendering index (CRI)	80	Dimmable	No
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		

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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

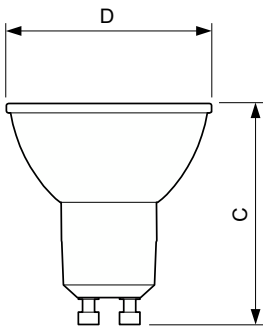
can it be used in closed luminaires	No
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Product Data

Order product name	CorePro LEDspot 4.6-50W GU10 827 36D 5CT
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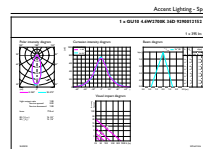
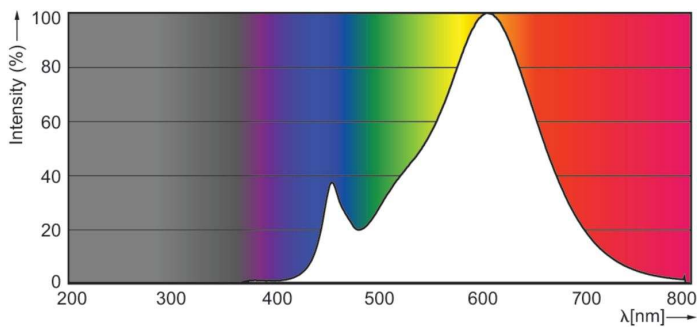
Full product name	CorePro LEDspot 4.6-50W GU10 827 36D 5CT
Full product code	871869970029400
Order code	929001215252
Material Nr. (12NC)	929001215252
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699700294
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699700300

Dimensional drawing



Product	D	C
CorePro LEDspot 4.6-50W GU10 827 36D 5CT	50 mm	54 mm

Photometric data

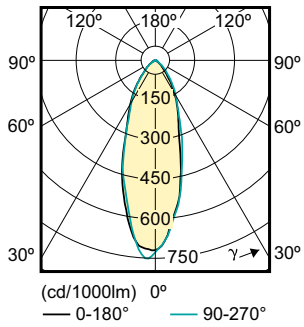


Spectral Power Distribution Colour - CorePro LEDspot 4.6-50W GU10 827 36D 5CT

General uniform lighting - CorePro LEDspot 4.6-50W GU10 827 36D 5CT

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Photometric data

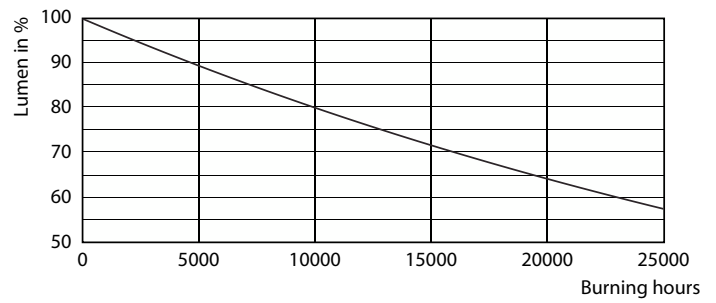


Light Distribution Diagram - CorePro LEDspot 4.6-50W GU10 827 36D 5CT

Lifetime



Life Expectancy Diagram - CorePro LEDspot 4.6-50W GU10 827 36D 5CT



Lumen Maintenance Diagram - CorePro LEDspot 4.6-50W GU10 827 36D 5CT

