



CorePro LED spot MV



Corepro LEDspot 4.6-50W GU10 827 36D UK

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		Input Frequency	
Cap-Base	GU10	Power Consumption	50 to 60 Hz
Nominal lifetime	15,000 hour(s)	Lamp Current (Nom)	4.6 W
Switching Cycle	50,000	Wattage Equivalent	39 mA
Lighting Technology	LED	Starting Time (Nom)	50 W
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	827 [CCT of 2700K]	Power Factor (Fraction)	0.5
Beam Angle (Nom)	36 degree(s)	Voltage (Nom)	220-240 V
Luminous Flux	355 lm	Temperature	
Luminous Intensity (Nom)	700 cd	T-Case Maximum (Nom)	80 °C
Color Designation	Warm White (WW)	Controls and Dimming	
Correlated Color Temperature (Nom)	2700 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	77.00 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 %	Approval and Application	
Luminous Flux in 90° Cone (Rated)	355 lm	Energy Efficiency Class	F
Photobiological safety according to EN 62471	RG1	Suitable For Accent Lighting	Yes
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387358
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

Application Conditions

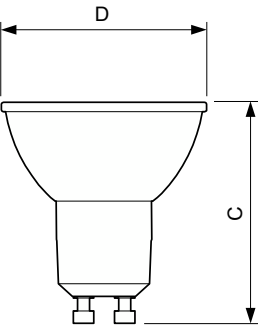
can it be used in closed luminaires	No
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Product Data

Order product name	Corepro LEDspot 4.6-50W GU10 827 36D UK
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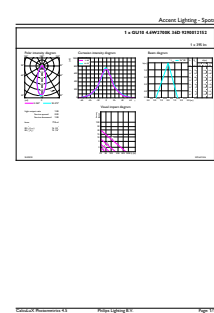
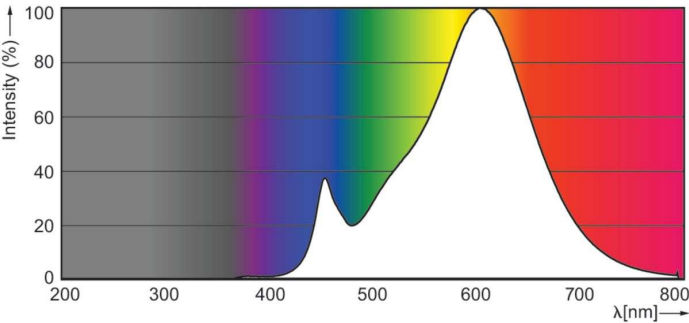
Full product name	Corepro LEDspot 4.6-50W GU10 827 36D UK
Full product code	871869675251701
Order code	929001215268
Material Nr. (12NC)	929001215268
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696752517
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514406018

Dimensional drawing



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

Photometric data

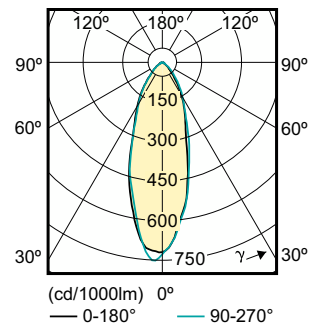


Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 827 36D UK

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

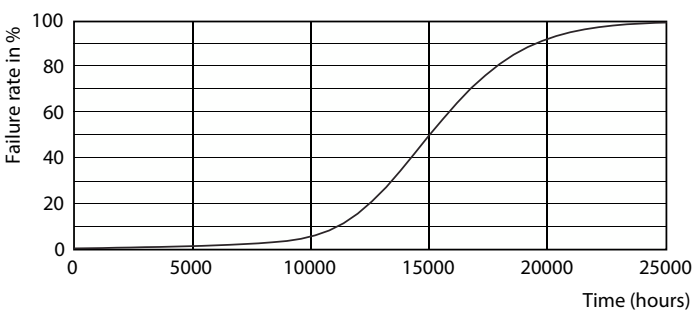
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Photometric data

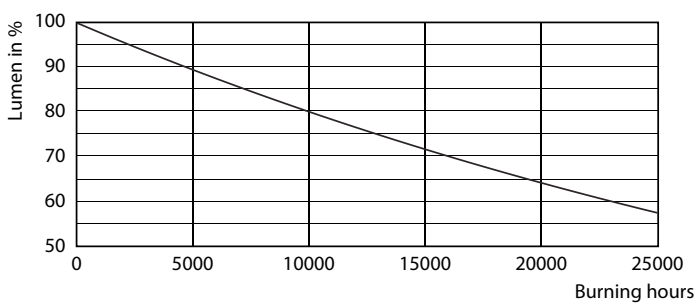


Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 827 36D UK

Lifetime



Life Expectancy Diagram



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

