



CorePro LEDspot 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. They are compatible with most existing fixtures with a GU10 or E14 holder and are designed as a retrofit replacement for halogen or incandescent spots. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

General Information	
Cap base	GU10
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	355 lm
Luminous intensity (nom.)	700 cd
Luminous efficacy (rated) (nom.)	77.00 lm/W
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	355 lm
Flickering value (PstLM)	1
Stroboscopic effect	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.)	80 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb shape	PAR16

Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes

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Energy consumption kWh/1,000 hours	5 kWh
EPREL registration number	387358
EU RoHS compliant	Yes
EyeComfort	Yes

Application Conditions

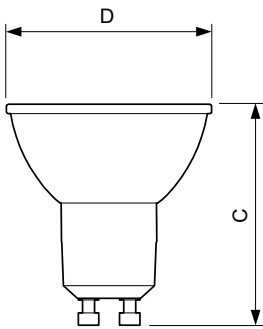
Can it be used in closed luminaires	No
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Product Data

Order product name	Corepro LEDspot 4.6-50W GU10 827 36D UK
Full product name	Corepro LEDspot 4.6-50W GU10 827 36D UK

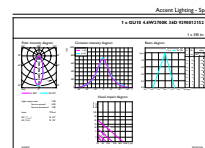
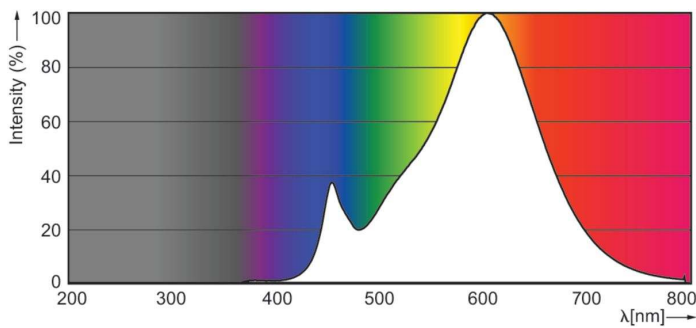
Full EOC	871869675251701
Order code	75251701
Material no. (12 NC)	929001215268
Numerator – quantity per pack	1
Net Weight (Piece)	0.045 kg
EAN/UPC – Product/Case	8718696752517
Numerator – packs per outer box	10
EAN/UPC – Case	8719514406018

Dimensional drawing



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

Photometric data

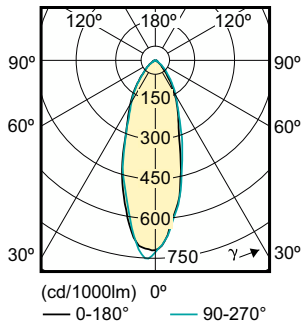


Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 827 36D UK

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

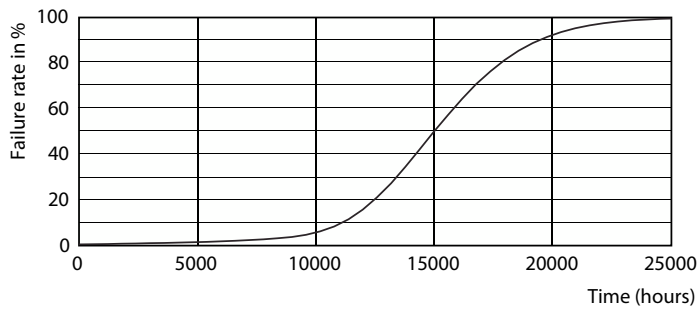
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Photometric data

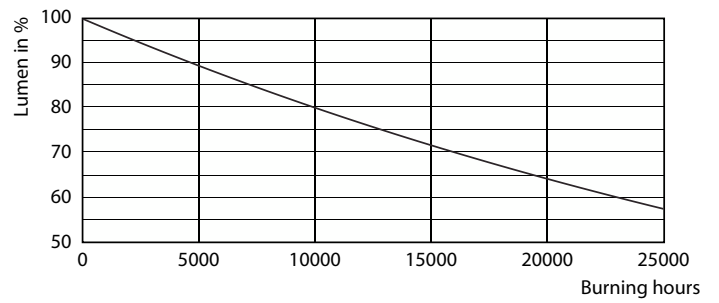


Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 827 36D UK

Lifetime



Life Expectancy Diagram



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

