



CorePro LED spot MV



CoreProLEDspot 4-50W GU10 830 36D DIM UK

CorePro, LEDspot, PAR16, 50 W, GU10, 3000 K, 345 lm, CRI 80, 15000 h, Glass

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	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	2 years
Light Technical	
Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	345 lm
Luminous intensity (nom.)	700 cd
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	86 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Luminous flux in 90° cone (rated)	345 lm
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 W
Lamp current (nom.)	24 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	70 °C

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16
Net Weight (Piece)	0.048 kg

Approval and Application

Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	391911
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

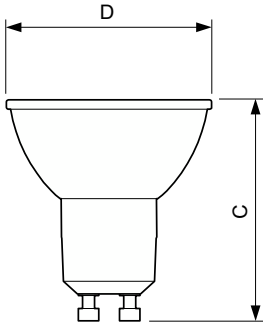
Application Conditions

Can it be used in closed luminaires	No
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Product Data

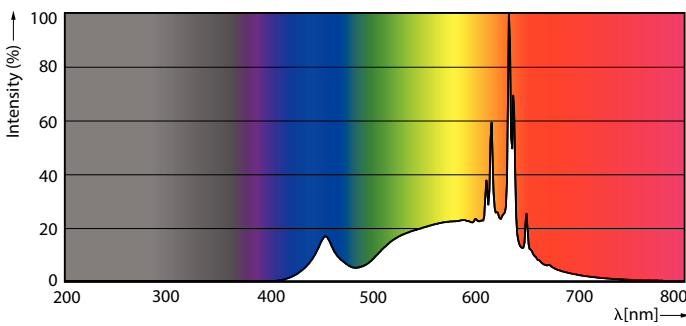
Order product name	CoreProLEDspot 4-50W GU10 830 36D DIM UK
Full product name	CoreProLEDspot 4-50W GU10 830 36D DIM UK
Full EOC	871951435883601
Order code	929002068399
Material no. (12 NC)	929002068399
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514358836
Numerator – packs per outer box	10
EAN/UPC - Case	8719514405622

Dimensional drawing

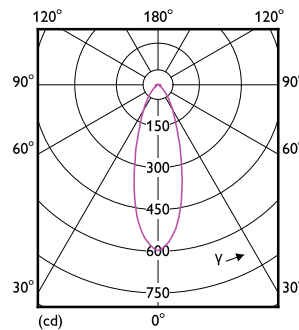


Product	D	C
CoreProLEDspot 4-50W GU10 830 36D DIM UK	50 mm	54 mm

Photometric data



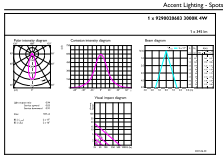
Spectral Power Distribution Colour - CoreProLEDspot 4-50W GU10 830 36D DIM UK



Light Distribution Diagram - CoreProLEDspot 4-50W GU10 830 36D DIM UK

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Photometric data

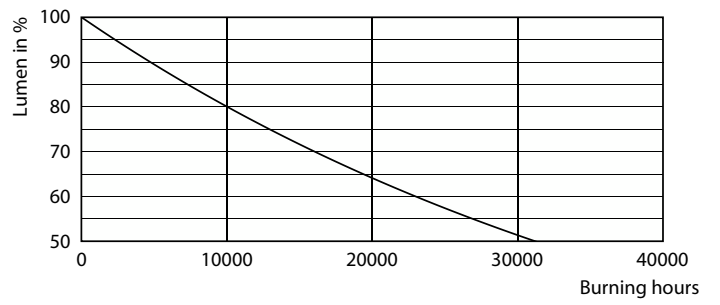


Accent Lighting Spots - CoreProLEDspot 4-50W GU10 830 36D DIM UK

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CoreProLEDspot 4-50W GU10 830 36D DIM UK

