



# CorePro LED spot MV



## CoreProLEDspot 4-50W GU10 827 36D DIM UK

CorePro, LED, PAR16, 50 W, GU10, 2700 K, 345 lm, CRI 80, 15000 hour(s), Glass

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
Warranty period	2 years
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	345 lm
Luminous Intensity (Nom)	700 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color Consistency	<6
Color 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

Bulb 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/1000 h	4 kWh
EPREL Registration Number	400299
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per 1 EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4

Ambient temperature range	-20 to +45 °C
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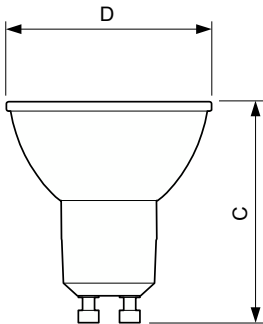
## Application Conditions

can it be used in closed luminaires	No
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## Product Data

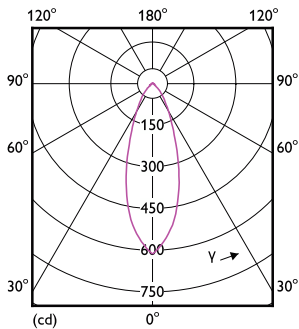
Order product name	CoreProLEDspot 4-50W GU10 827 36D DIM UK
Full product name	CoreProLEDspot 4-50W GU10 827 36D DIM UK
Full product code	871869672137701
Order code	929002495999
Material Nr. (12NC)	929002495999
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696721377
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514406100

## Dimensional drawing

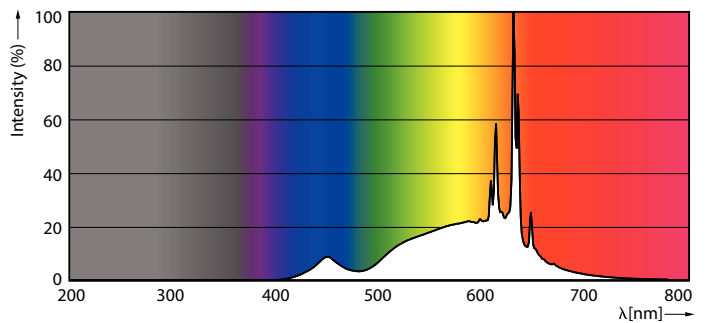


Product	D	C
CoreProLEDspot 4-50W GU10 827 36D DIM UK	50 mm	54 mm

## Photometric data



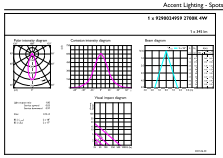
Light Distribution Diagram - CoreProLEDspot 4-50W GU10 827 36D DIM UK



Spectral Power Distribution Colour - CoreProLEDspot 4-50W GU10 827 36D DIM UK

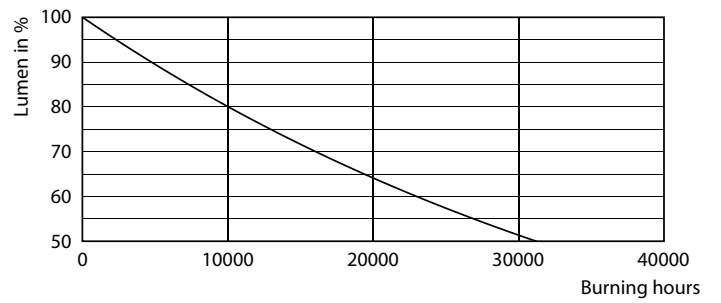
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## Photometric data



Accent Lighting Spots - CoreProLEDspot 4-50W GU10 827 36D DIM UK

## Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CoreProLEDspot 4-50W GU10 827 36D DIM UK

