



# CorePro LEDspot MV



## Corepro LEDspot 4.6-50W GU10 830 36D

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 [GU10]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	370 lumen
Luminous Intensity (Nom)	740 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	370 lumen
Flickering value (PstLM)	1

Stroboscopic effect value (SVM)	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)	72 °C

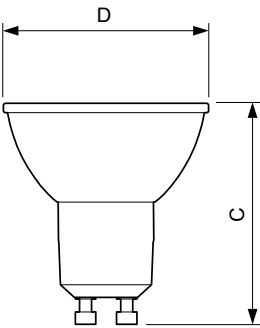
Controls and Dimming	
Dimmable	No

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Mechanical and Housing	
Bulb Shape	PAR16 [PAR 2 inch/50mm]
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	391858
EyeComfort	Yes
Product Data	
Full product code	871869672837600

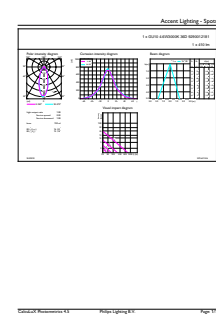
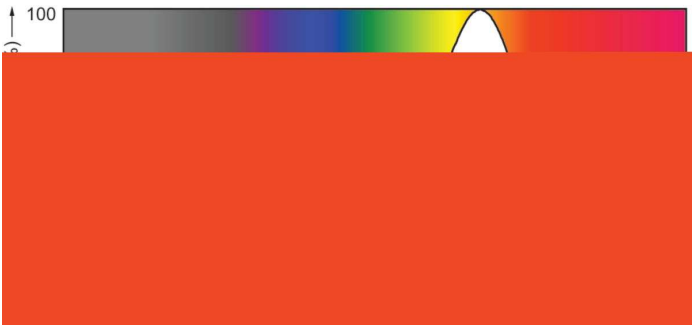
Order product name	Corepro LEDspot 4.6-50W GU10 830 36D
Order code	929001218102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001218102
Full product name	Corepro LEDspot 4.6-50W GU10 830 36D
EAN/UPC - Case	8718696728383
EAN/UPC - Product/Case	8718696728376

Dimensional drawing



Product	D	C
Corepro LEDspot 4.6-50W GU10 830 36D	50 mm	54 mm

Photometric data

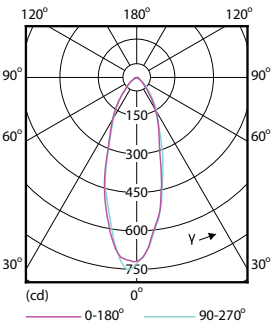


Spectral Power Distribution Colour

Accent Lighting Spots - Corepro LEDspot 4.6-50W GU10 830 36D

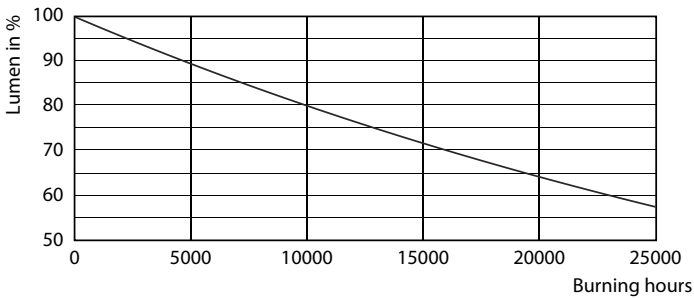
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## Photometric data



Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 830 36D

## Lifetime



Life Expectancy Diagram - Corepro LEDspot 4.6-50W GU10 830 36D

Lumen Maintenance Diagram - Corepro LEDspot 4.6-50W GU10 830 36D

