



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
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 lm
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 lm

Flickering value (PstLM) - Flickering value as per 1	
EN 61000-3-3	
Stroboscopic effect visibility measure (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

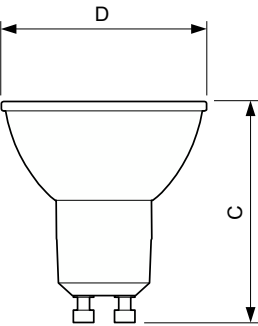
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	391858
EyeComfort	Yes

Application Conditions	
can it be used in closed luminaires	No

Product Data	
Order product name	Corepro LEDspot 4.6-50W GU10 830 36D

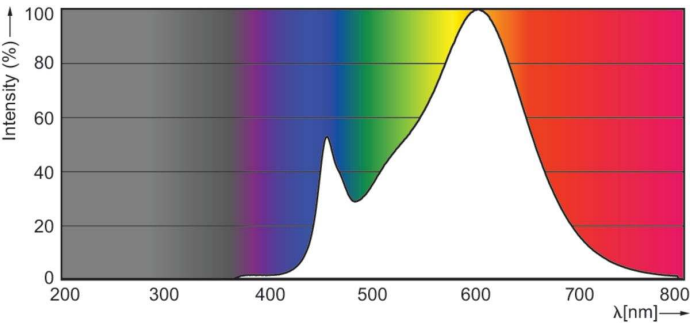
Full product name	Corepro LEDspot 4.6-50W GU10 830 36D
Full product code	871869672837600
Order code	929001218102
Material Nr. (12NC)	929001218102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696728376
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696728383

Dimensional drawing

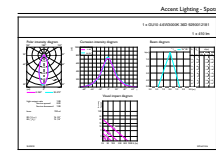


Product	D	C
Corepro LEDspot 4.6-50W GU10 830 36D	50 mm	54 mm

Photometric data



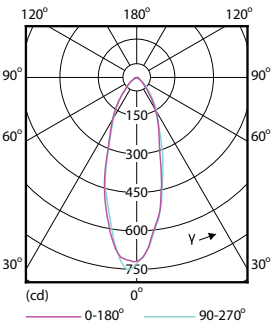
Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 830 36D



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

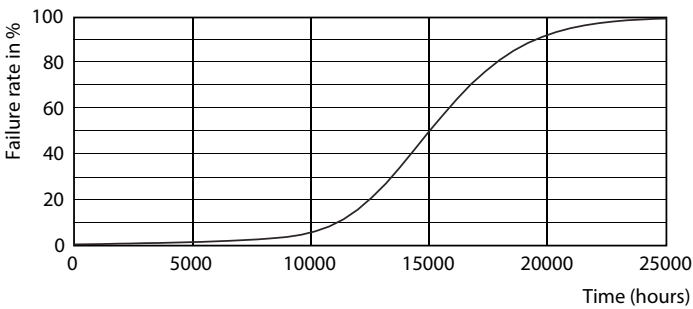
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Photometric data

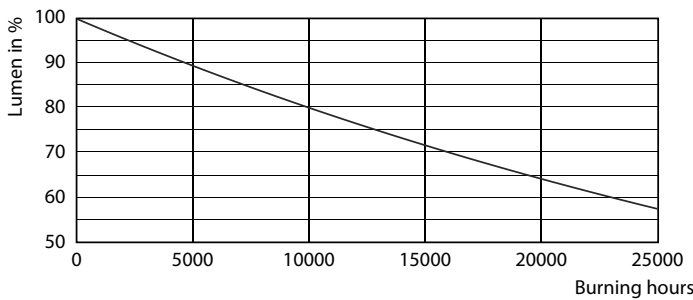


Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 830 36D

Lifetime



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



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

