



CorePro LEDspot MV



CorePro LEDspot 4.6-50W GU10 827 36D 5CT

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
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	355 lumen
Luminous Intensity (Nom)	700 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	77.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	355 lumen
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4

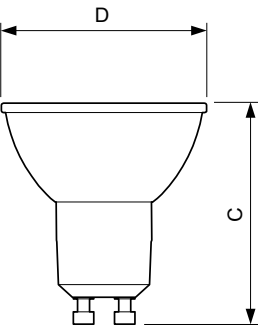
Photobiological safety according to EN 62471 RG1	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.6 W
Lamp Current (Nom)	39 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	72 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR16 [PAR 2 inch/50mm]

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Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387358
EyeComfort	Yes
Product Data	
Full product code	871869970029400
Order product name	CorePro LEDspot 4.6-50W GU10 827 36D 5CT

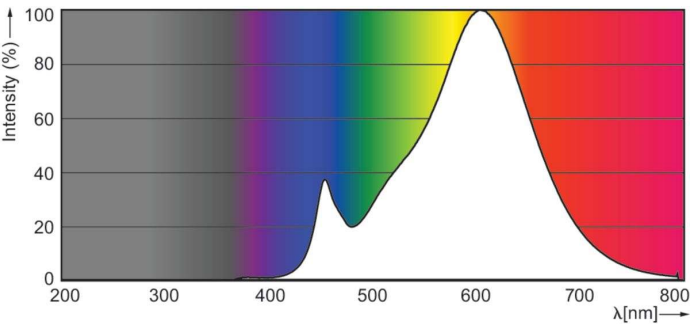
Order code	929001215252
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001215252
Full product name	CorePro LEDspot 4.6-50W GU10 827 36D 5CT
EAN/UPC - Case	8718699700300
EAN/UPC - Product/Case	8718699700294

Dimensional drawing

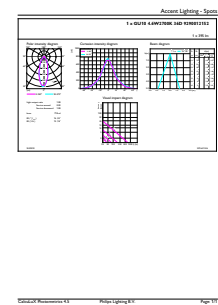


Product	D	C
CorePro LEDspot 4.6-50W GU10 827 36D 5CT	50 mm	54 mm

Photometric data



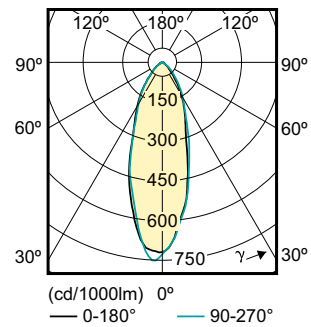
Spectral Power Distribution Colour - CorePro LEDspot 4.6-50W GU10 827 36D 5CT



General uniform lighting - CorePro LEDspot 4.6-50W GU10 827 36D 5CT

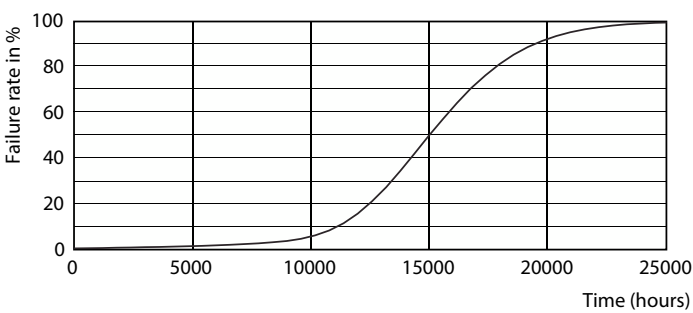
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Photometric data

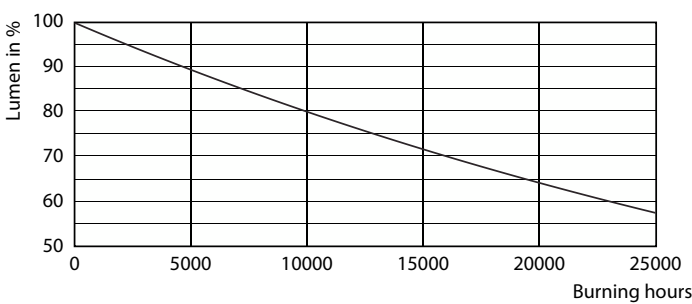


Light Distribution Diagram - CorePro LEDspot 4.6-50W GU10 827 36D 5CT

Lifetime



Life Expectancy Diagram - CorePro LEDspot 4.6-50W GU10 827 36D 5CT



Lumen Maintenance Diagram - CorePro LEDspot 4.6-50W GU10 827 36D 5CT

