



CorePro LEDspot MV



CorePro LEDspot 4-50W GU10 827 36D DIM

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
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)	23 mA	
Wattage Equivalent	50 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.84	
Voltage (Nom)	220-240 V	
Temperature		
T-Case Maximum (Nom)	70 °C	
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb Shape	PAR16	
Net Weight (Piece)	0.048 kg	

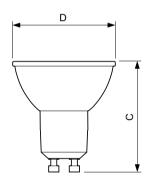
Datasheet, 2025, March 17 data subject to change

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Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	400299
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Application Conditions	
can it be used in closed luminaires	No

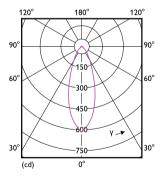
Product Data		
Order product name	CorePro LEDspot 4-50W GU10 827	
	36D DIM	
Full product name	CorePro LEDspot 4-50W GU10 827	
	36D DIM	
Full product code	871869672137700	
Order code	929002495902	
Material Nr. (12NC)	929002495902	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696721377	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696721384	

Dimensional drawing

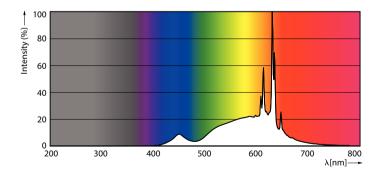


Product	D	С
CorePro LEDspot 4-50W GU10 827 36D DIM	50 mm	54 mm

Photometric data



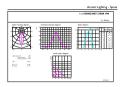
Light Distribution Diagram - CorePro LEDspot 4-50W GU10 827 36D DIM



Spectral Power Distribution Colour - CorePro LEDspot 4-50W GU10 827 36D DIM

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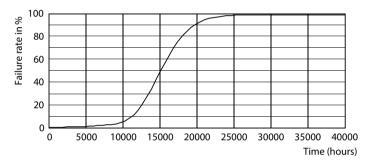
Photometric data

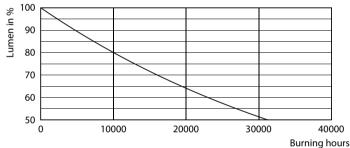


Calculus Photometrics 4.5 Philips Lighting Scv. Fagor 1H

Accent Lighting Spots - CorePro LEDspot 4-50W GU10 827 36D DIM

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDspot 4-50W GU10 827 36D DIM



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