PHILIPS Lighting



CorePro LEDspot MV



Corepro LEDspot 4.6-50W GU10 827 36D UK

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 or E14 holder and are designed as a retrofit replacement for halogen or incandescent spots. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

General Information		
Cap base	GU10	
Nominal lifetime	15,000 h	
Switching Cycle	50,000	
Lighting Technology	LED	
Light Technical		
Colour Code	827 [CCT of 2700K]	
Beam angle (nom.)	36 degree(s)	
Luminous Flux	355 lm	
Luminous intensity (nom.)	700 cd	
Colour designation	Warm White (WW)	
Correlated Colour Temperature (Nom)	2700 K	
Luminous efficacy (rated) (nom.)	77.00 lm/W	
Colour consistency	<6	
Colour rendering index (CRI)	80	
LLMF at end of nominal lifetime (nom.)	70 %	
Luminous flux in 90° cone (rated)	355 lm	
Photobiological safety according to EN 62471 RG1		
Operating and Electrical		
Line Frequency	50 to 60 Hz	

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.)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	PAR16
Net Weight (Piece)	0.045 kg
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	5 kWh
EPREL Registration Number	387358

Input frequency

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EU RoHS compliant	Yes			
EyeComfort	Yes			
Flickering value (PstLM)	1			
Stroboscopic effect	0.4			
Application Conditions				
Can it be used in closed luminaires	No			
Product Data				
Order product name	Corepro LEDspot 4.6-50W GU10 827 36D			
	UK			

Full product name	Corepro LEDspot 4.6-50W GU10 827 36D
	UK
Full EOC	871869675251701
Order code	75251701
Material no. (12 NC)	929001215268
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696752517
Numerator – packs per outer box	10
EAN/UPC - Case	8719514406018

Dimensional drawing



Photometric data



Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 827 36D UK

Product	D	с
Corepro LEDspot 4.6-50W GU10 827 36D UK	50 mm	54 mm



General uniform lighting - Corepro LEDspot 4.6-50W GU10 827 36D UK

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Photometric data



Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 827 36D UK

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - Corepro LEDspot 4.6-50W GU10 827 36D UK



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