PHILIPS Lighting



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CorePro LEDspot MV

Corepro LEDspot 4.6-50W GU10 865 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	865 [CCT of 6500K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	390 lm
Luminous intensity (nom.)	770 cd
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	84.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	390 lm
Photobiological safety according to EN 624	71 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 ℃
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	391860

Input frequency

CorePro LEDspot MV

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 865 36D
	UK

Full product name	Corepro LEDspot 4.6-50W GU10 865 36D
	UK
Full EOC	871869672841301
Order code	72841301
Material no. (12 NC)	929001218399
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696728413
Numerator – packs per outer box	10
EAN/UPC - Case	8719514405950

Dimensional drawing



Photometric data



Accent Lighting Spots - Corepro LEDspot 4.6-50W GU10 865 36D UK

Product	D	C
Corepro LEDspot 4.6-50W GU10 865 36D UK	50 mm	54 mm



Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 865 36D UK

CorePro LEDspot MV

Photometric data



Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 865 36D UK

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - Corepro LEDspot 4.6-50W GU10 865 36D UK



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