PHILIPS Lighting



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CorePro LEDspot MV

CoreProLEDspot 4-50W GU10 865 36D DIM 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	
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Switching Cycle	50,000
Nominal lifetime	15,000 h
Cap base	GU10 [GU10]
Light technical	
Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	345 lm
Luminous intensity (nom.)	700 cd
Colour designation	Cool Daylight
Correlated Colour Temperature	6500 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	345 lm
Flickering value (PstLM)	1
Stroboscopic effect	0.4

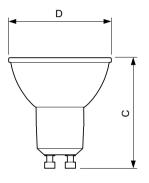
Operating and electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	4 W
Lamp current (nom.)	23 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.75
Voltage (nom.)	220-240 V
Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	70 °C
Controls and dimming	
Dimmable	Only with specific dimmers
Mechanical and housing	
Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16 [PAR 2 inch/50 mm]

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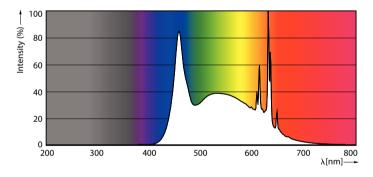
Approval and application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	1260416
EU RoHS compliant	Yes
Product data	
Full EOC	871951447617200

Order product name	CoreProLEDspot 4-50W GU10 865 36D DIM UK	
Order code	47617200	
SAP numerator - quantity per pack	1	
Numerator – packs per outer box	10	
Material number (12NC)	929003562499	
Full product name	CoreProLEDspot 4-50W GU10 865 36D DIM U	
EAN/UPC - Case	8719514476189	

Dimensional drawing

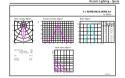


Product	D	с
CoreProLEDspot 4-50W GU10 865 36D DIM UK	50 mm	54 mm

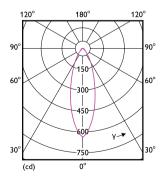


Spectral Power Distribution Colour

Photometric data



Accent Lighting Spots - CoreProLEDspot 4-50W GU10 865 36D DIM UK

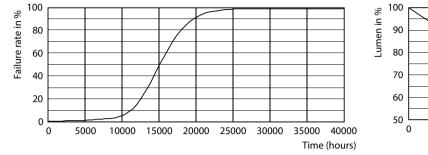


Light Distribution Diagram - CoreProLEDspot 4-50W GU10 865 36D DIM UK

Datasheet, 2023, April 15

CorePro LEDspot MV

Lifetime



Life Expectancy Diagram - CoreProLEDspot 4-50W GU10 865 36D DIM UK

Lumen Maintenance Diagram - CoreProLEDspot 4-50W GU10 865 36D DIM UK



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