



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	
Cap base	GU10 [GU10]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Flux measurement reference	Narrow Cone
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

Distribution of the consultant FN CO474 DC4				
Photobiological safety according to EN 6	32471 RGI			
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			

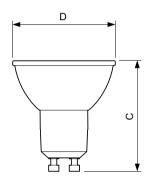
Datasheet, 2023, April 15 data subject to change

CorePro LEDspot MV

Bulb shape	PAR16 [PAR 2 inch/50 mm]
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	1260416
EyeComfort	Yes
Product Data	
Full EOC	871951447617200

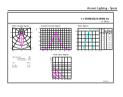
Order product name	CoreProLEDspot 4-50W GU10 865 36D
	DIM UK
Order code	47617200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929003562499
Full product name	CoreProLEDspot 4-50W GU10 865 36D
	DIM UK
EAN/UPC - Case	8719514476189

Dimensional drawing



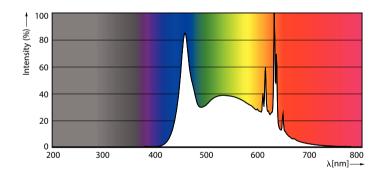
Product	D	С
CoreProLEDspot 4-50W GU10 865 36D DIM UK	50 mm	54 mm

Photometric data





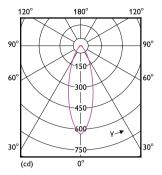
Accent Lighting Spots - CoreProLEDspot 4-50W GU10 865 36D DIM UK



Spectral Power Distribution Colour

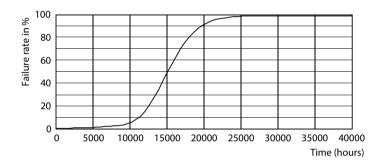
CorePro LEDspot MV

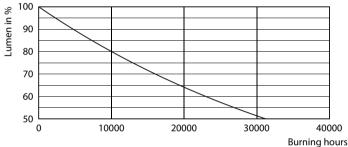
Photometric data



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

Lifetime





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

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.