



CorePro LEDspot MV



CoreProLEDspot 4-50W GU10 840 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
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	350 lm
Luminous intensity (nom.)	700 cd
Luminous efficacy (rated) (nom.)	87.00 lm/W
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	350 lm
Flickering value (PstLM)	1
Stroboscopic effect	0.4
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	Yes

Mechanical and Housing	
Bulb shape	PAR16

Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes

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Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	391907
EU RoHS compliant	Yes
EyeComfort	Yes

Application Conditions

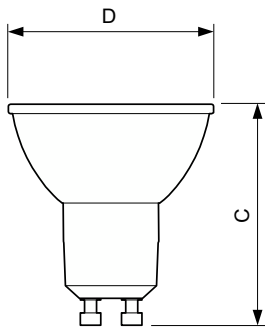
Can it be used in closed luminaires	No
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Product Data

Order product name	CoreProLEDspot 4-50W GU10 840 36D DIM UK
Full product name	CoreProLEDspot 4-50W GU10 840 36D DIM UK

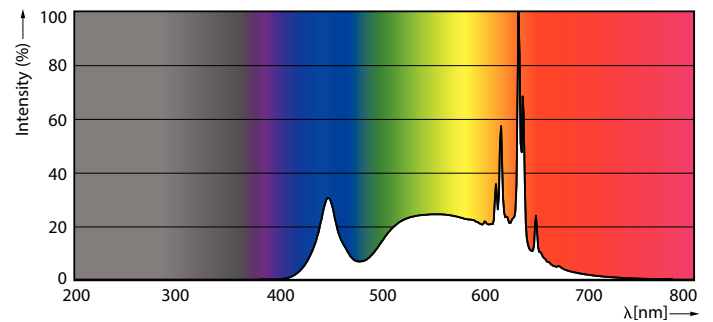
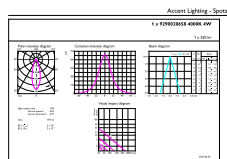
Full EOC	871951435885001
Order code	35885001
Material no. (12 NC)	929002065899
Numerator – quantity per pack	1
Net Weight (Piece)	0.048 kg
EAN/UPC – Product/Case	8719514358850
Numerator – packs per outer box	10
EAN/UPC – Case	8719514405653

Dimensional drawing



Product	D	C
CoreProLEDspot 4-50W GU10 840 36D DIM UK	50 mm	54 mm

Photometric data

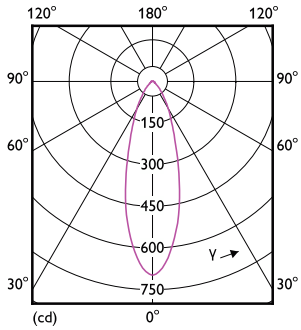


Accent Lighting Spots - CoreProLEDspot 4-50W GU10 840 36D DIM UK

Spectral Power Distribution Colour - CoreProLEDspot 4-50W GU10 840 36D DIM UK

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Photometric data



Light Distribution Diagram - CoreProLEDspot 4-50W GU10 840 36D DIM UK

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CoreProLEDspot 4-50W GU10 840 36D DIM UK

