



# CorePro LEDspot MV



## Corepro LEDspot 4.6-50W GU10 840 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	840 [CCT of 4000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	390 lm
Luminous intensity (nom.)	770 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 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 62471 RG1	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz

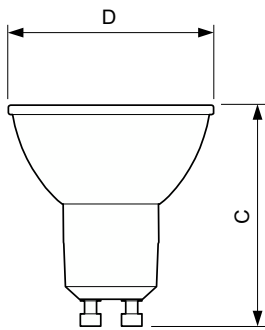
Power Consumption	4.6 W
Lamp current (nom.)	39 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	PAR16
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	391859

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EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
<b>Application Conditions</b>	
Can it be used in closed luminaires	No
<b>Product Data</b>	
Order product name	Corepro LEDspot 4.6-50W GU10 840 36D UK

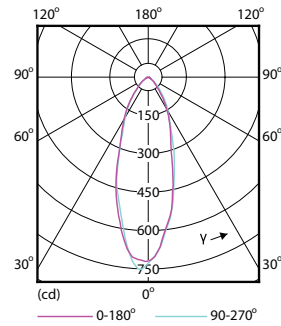
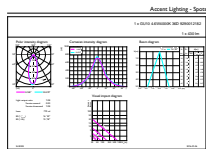
Full product name	Corepro LEDspot 4.6-50W GU10 840 36D UK
Full EOC	871869672839001
Order code	72839001
Material no. (12 NC)	929001218299
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696728390
Numerator – packs per outer box	10
EAN/UPC – Case	8719514405967

## Dimensional drawing



Product	D	C
Corepro LEDspot 4.6-50W GU10 840 36D UK	50 mm	54 mm

## Photometric data

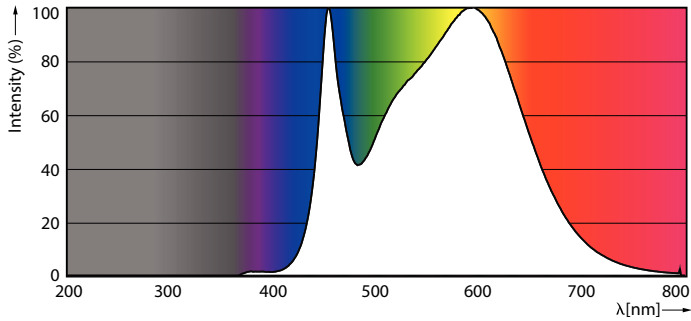


Accent Lighting Spots - Corepro LEDspot 4.6-50W GU10 840 36D UK

Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 840 36D UK

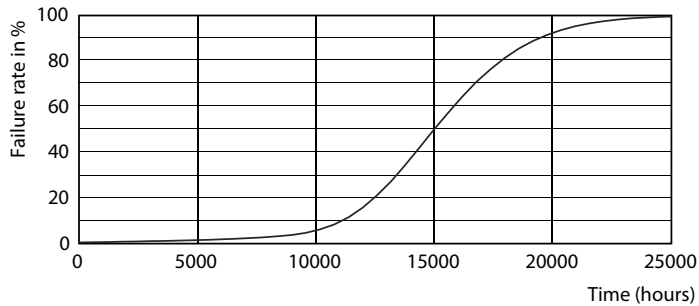
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## Photometric data

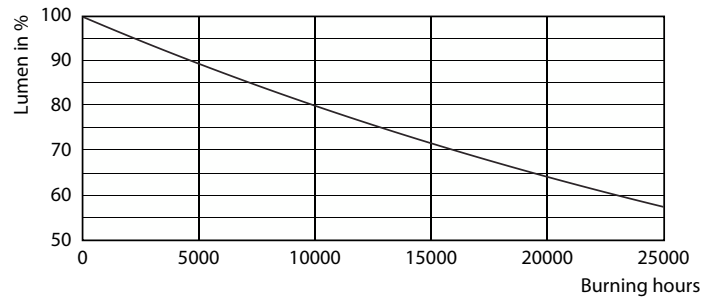


Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 840 36D UK

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Corepro LEDspot 4.6-50W GU10 840 36D UK

