



CorePro LEDspot MV



Corepro LEDspot 4.6-50W GU10 827 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 | 827 [CCT of 2700K] |
| Beam angle (nom.) | 36 degree(s) |
| Luminous Flux | 355 lm |
| Luminous intensity (nom.) | 700 cd |
| Colour designation | Warm White (WW) |
| Correlated Colour Temperature (Nom) | 2700 K |
| Luminous efficacy (rated) (nom.) | 77.00 lm/W |
| Colour consistency | <6 |
| Colour rendering index (CRI) | 80 |
| LLMF at end of nominal lifetime (nom.) | 70 % |
| Luminous flux in 90° cone (rated) | 355 lm |
| Photobiological safety according to EN 62471 RG1 | |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input frequency | 50 to 60 Hz |

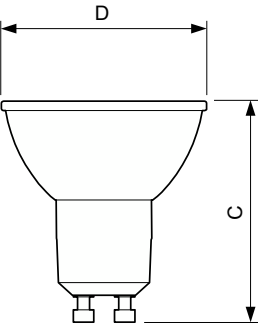
| Power Consumption | 4.6 W |
|------------------------------------|-----------|
| Lamp current (nom.) | 39 mA |
| Wattage equivalent | 50 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.5 |
| Voltage (nom.) | 220-240 V |
| Temperature | |
| T-Case 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 | 387358 |

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 827 36D UK |

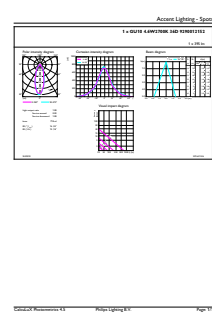
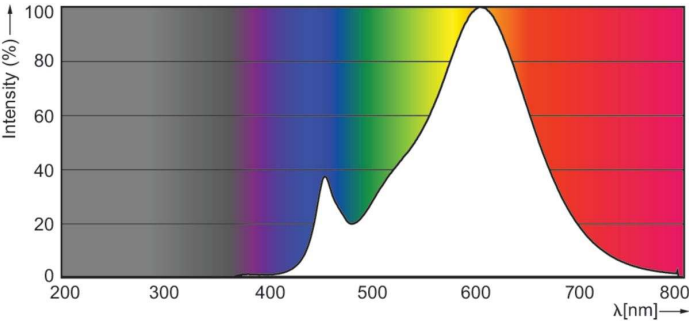
| | |
|---------------------------------|---|
| Full product name | Corepro LEDspot 4.6-50W GU10 827 36D UK |
| Full EOC | 871869675251701 |
| Order code | 75251701 |
| Material no. (12 NC) | 929001215268 |
| Numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718696752517 |
| Numerator – packs per outer box | 10 |
| EAN/UPC – Case | 8719514406018 |

Dimensional drawing



| Product | D | C |
|---|-------|-------|
| Corepro LEDspot 4.6-50W GU10 827 36D UK | 50 mm | 54 mm |

Photometric data

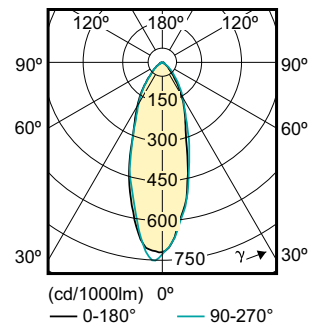


Spectral Power Distribution Colour - Corepro LEDspot 4.6-50W GU10 827 36D UK

General uniform lighting - Corepro LEDspot 4.6-50W GU10 827 36D UK

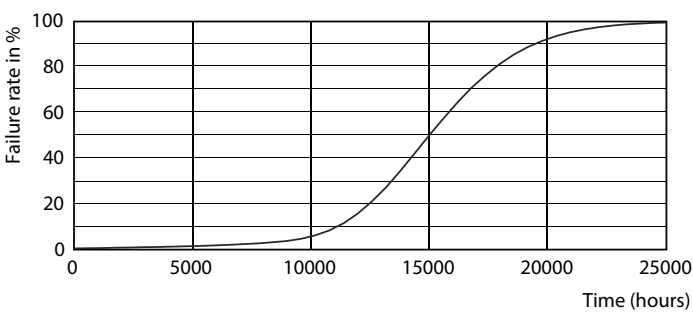
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Photometric data

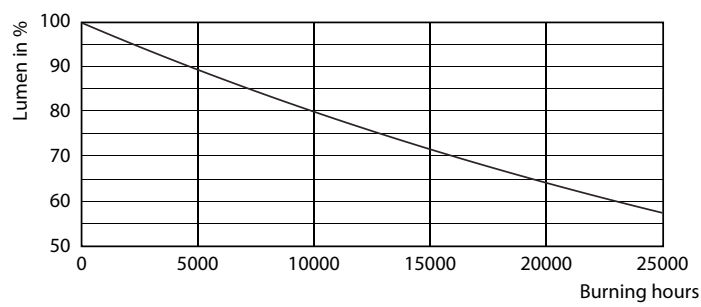


Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 827 36D UK

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Corepro LEDspot 4.6-50W GU10 827 36D UK

