



# CorePro LEDspot MV



## CoreProLEDspot 4-50W GU10 827 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                |
| Light Technical                              |                    |
| Colour Code                                  | 827 [CCT of 2700K] |
| Beam angle (nom.)                            | 36 degree(s)       |
| Luminous Flux                                | 345 lm             |
| Luminous intensity (nom.)                    | 700 cd             |
| Colour designation                           | Warm White (WW)    |
| Correlated Colour Temperature                | 2700 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                |
| 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 [PAR 2 inch/50 mm] |
| Approval and Application     |                          |
| Energy Efficiency Class      | F                        |
| Suitable for accent lighting | Yes                      |

CorePro LEDspot MV

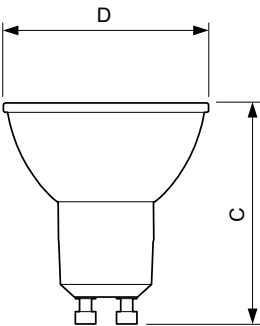
|                                    |        |
|------------------------------------|--------|
| Energy consumption kWh/1,000 hours | 4 kWh  |
| EPREL registration number          | 400299 |
| EyeComfort                         | Yes    |

Product Data

|                    |                                             |
|--------------------|---------------------------------------------|
| Order product name | CoreProLEDspot 4-50W GU10 827 36D<br>DIM UK |
| Full product name  | CoreProLEDspot 4-50W GU10 827 36D<br>DIM UK |

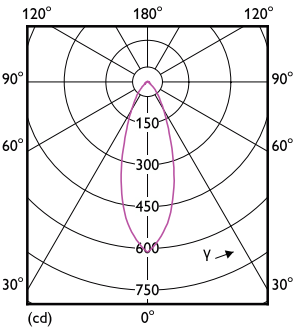
|                                   |                 |
|-----------------------------------|-----------------|
| Full EOC                          | 871869672137701 |
| Order code                        | 72137701        |
| Material no. (12 NC)              | 929002495999    |
| SAP numerator – quantity per pack | 1               |
| EAN/UPC – Product/Case            | 8718696721377   |
| Numerator – packs per outer box   | 10              |
| EAN/UPC – Case                    | 8719514406100   |

Dimensional drawing

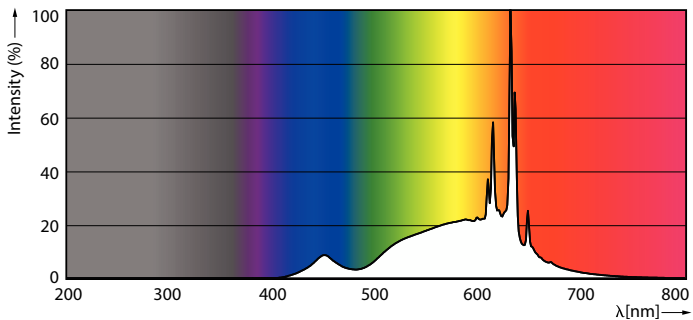


| Product                                  | D     | C     |
|------------------------------------------|-------|-------|
| CoreProLEDspot 4-50W GU10 827 36D DIM UK | 50 mm | 54 mm |

Photometric data



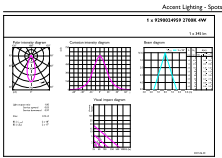
Light Distribution Diagram - CoreProLEDspot 4-50W GU10 827 36D DIM UK



Spectral Power Distribution Colour - CoreProLEDspot 4-50W GU10 827 36D DIM UK

CorePro LEDspot MV

Photometric data



Technical Information 1.1 Philips Lighting B.V. Page 10

Accent Lighting Spots - CoreProLEDspot 4-50W GU10 827 36D DIM UK

Lifetime



Life Expectancy Diagram - CoreProLEDspot 4-50W GU10 827 36D DIM UK



Lumen Maintenance Diagram - CoreProLEDspot 4-50W GU10 827 36D DIM UK

