



# CorePro LEDspot MV



## Corepro LEDspot 2.7-25W GU10 840 36D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. These GU10 LED spot lights are compatible with most existing fixtures with a GU10 LED base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots deliver significant energy savings and minimize maintenance costs.

### Product data

| General Information                          |                    |
|--|--------------------|
| Cap-Base                                     | GU10               |
| Nominal lifetime                             | 15,000 hour(s)     |
| Switching Cycle                              | 50,000             |
| Lighting Technology                          | LED                |
| Flux measurement reference                   | Narrow Cone        |
| Light Technical                              |                    |
| Color Code                                   | 840 [CCT of 4000K] |
| Beam Angle (Nom)                             | 36 degree(s)       |
| Luminous Flux                                | 230 lm             |
| Luminous Intensity (Nom)                     | 500 cd             |
| Color Designation                            | Cool White (CW)    |
| Correlated Color Temperature (Nom)           | 4000 K             |
| Luminous Efficacy (rated) (Nom)              | 85.00 lm/W         |
| Color Consistency                            | <6                 |
| Color rendering index (CRI)                  | 80                 |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %               |
| Luminous Flux in 90° Cone (Rated)            | 230 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         | 2.7 W       |
| Lamp Current (Nom)        | 29 mA       |
| Wattage Equivalent        | 25 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)      | 50 °C       |
| Controls and Dimming      |             |
| Dimmable                  | No          |
| Mechanical and Housing    |             |
| Bulb Shape                | PAR16       |
| Net Weight (Piece)        | 0.045 kg    |

# CorePro LEDspot MV

## Approval and Application

|   |        |
|---|--------|
| Energy Efficiency Class   | F      |
| Suitable For Accent Lighting                                    | Yes    |
| Energy Consumption kWh/1000 h                                   | 3 kWh  |
| EPREL Registration Number                                       | 391854 |
| CE mark   | Yes    |
| EU RoHS compliant   | Yes    |
| EyeComfort  | Yes    |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1      |
| Stroboscopic effect visibility measure (SVM)                    | 0.4    |

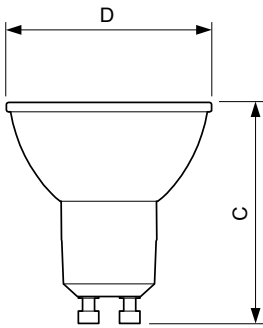
## Application Conditions

|                                     |    |
|-------------------------------------|----|
| can it be used in closed luminaires | No |
|-------------------------------------|----|

## Product Data

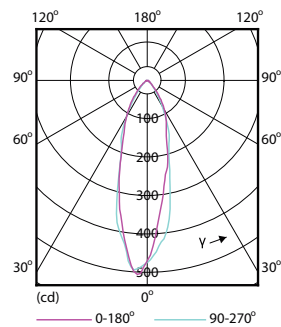
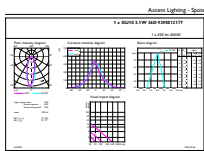
|                                 |                                      |
|---------------------------------|--------------------------------------|
| Order product name              | Corepro LEDspot 2.7-25W GU10 840 36D |
| Full product name               | Corepro LEDspot 2.7-25W GU10 840 36D |
| Full product code               | 871869672831400                      |
| Order code                      | 929001217702                         |
| Material Nr. (12NC)             | 929001217702                         |
| Numerator - Quantity Per Pack   | 1                                    |
| EAN/UPC - Product/Case          | 8718696728314                        |
| Numerator - Packs per outer box | 10                                   |
| EAN/UPC - Case                  | 8718696728321                        |

## Dimensional drawing



| Product                              | D     | C     |
|--------------------------------------|-------|-------|
| Corepro LEDspot 2.7-25W GU10 840 36D | 50 mm | 54 mm |

## Photometric data

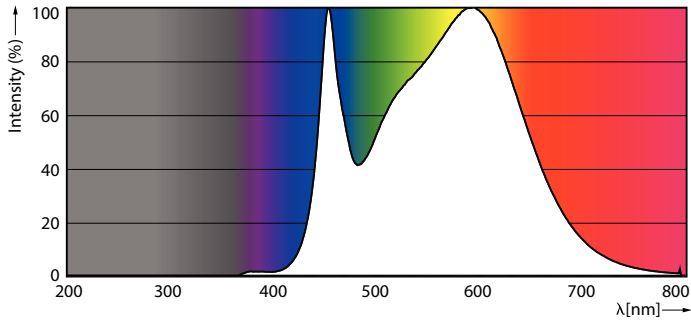


Accent Lighting Spots - Corepro LEDspot 2.7-25W GU10 840 36D

Light Distribution Diagram - Corepro LEDspot 2.7-25W GU10 840 36D

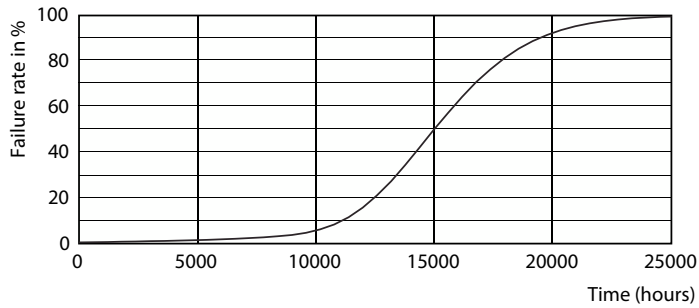
# CorePro LEDspot MV

## Photometric data

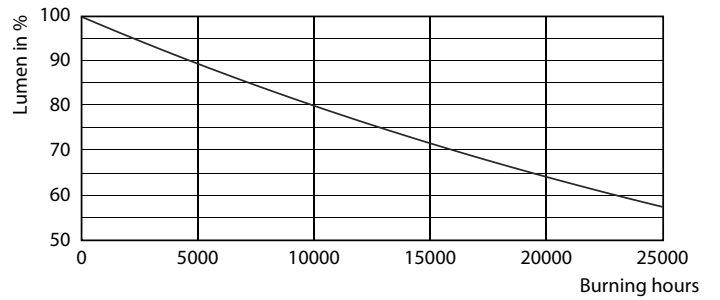


Spectral Power Distribution Colour - Corepro LEDspot 2.7-25W GU10 840 36D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Corepro LEDspot 2.7-25W GU10 840 36D

