



# CorePro LED spot MV



## CorePro LEDspot 4-50W GU10 840 36D DIM

CorePro, LEDspot, PAR16, 50 W, GU10, 4000 K, 350 lm, CRI 80, 15000 hour(s), Glass

CorePro, LEDspot, PAR16, 50 W, GU10, 4000 K, 350 lm, CRI 80, 15000 hour(s), Glass, 87 lm/W, EEL F, PF 0.6, Beam angle 36 degree(s), RG1, IP20, SVM 0.4, PstLM 1

### Product data

| General Information                   |                    |
|---------------------------------------|--------------------|
| Cap-Base                              | GU10               |
| Nominal lifetime                      | 15,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LEDspot            |
| Flux measurement reference            | Narrow Cone        |
| Warranty period                       | 2 years            |
| Light Technical                       |                    |
| Color Code                            | 840 [CCT of 4000K] |
| Beam Angle (Nom)                      | 36 degree(s)       |
| Luminous Flux                         | 350 lm             |
| Luminous Intensity (Nom)              | 700 cd             |
| Color Designation                     | Cool White (CW)    |
| Correlated Color Temperature (Nom)    | 4000 K             |
| Luminous Efficacy (rated) (Nom)       | 87 lm/W            |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 80                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
| Luminous Flux in 90° Cone (Rated)     | 350 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 W                        |
| Lamp Current (Nom)                           | 24 mA                      |
| Wattage Equivalent                           | 50 W                       |
| Starting Time (Nom)                          | 0.5 s                      |
| Warm-up time to 60% light                    | 0.5 s                      |
| Power Factor (Fraction)                      | 0.6                        |
| Voltage (Nom)                                | 220-240 V                  |
| Temperature                                  |                            |
| T-Case Maximum (Nom)                         | 70 °C                      |
| Controls and Dimming                         |                            |
| Dimmable                                     | Only with specific dimmers |
| Mechanical and Housing                       |                            |
| Bulb Finish                                  | Clear                      |

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|                    |          |
|--------------------|----------|
| Bulb Material      | Glass    |
| Bulb Shape         | PAR16    |
| Net Weight (Piece) | 0.048 kg |

Approval and Application

|                                                                 |               |
|-----------------------------------------------------------------|---------------|
| Energy Efficiency Class                                         | F             |
| Suitable For Accent Lighting                                    | Yes           |
| Energy Consumption kWh/1000 h                                   | 4 kWh         |
| EPREL Registration Number                                       | 391907        |
| 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           |
| Ambient temperature range                                       | -20 to +45 °C |

Application Conditions

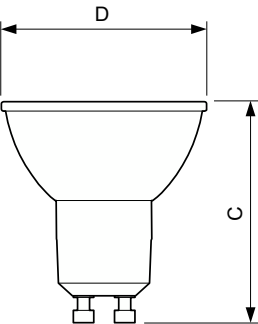
|                                     |    |
|-------------------------------------|----|
| can it be used in closed luminaires | No |
|-------------------------------------|----|

|                     |                |
|---------------------|----------------|
| Wireless Technology | Not applicable |
|---------------------|----------------|

Product Data

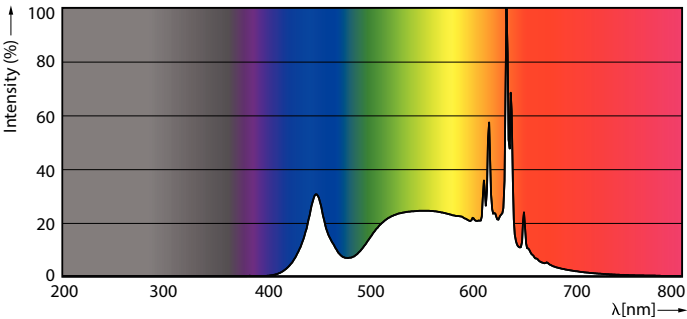
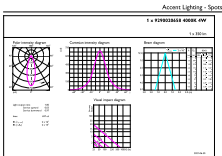
|                                 |                                        |
|---------------------------------|----------------------------------------|
| Order product name              | CorePro LEDspot 4-50W GU10 840 36D DIM |
| Full product name               | CorePro LEDspot 4-50W GU10 840 36D DIM |
| Full product code               | 871951435885000                        |
| Order code                      | 929002065802                           |
| Material Nr. (12NC)             | 929002065802                           |
| Numerator - Quantity Per Pack   | 1                                      |
| EAN/UPC - Product/Case          | 8719514358850                          |
| Numerator - Packs per outer box | 10                                     |
| EAN/UPC - Case                  | 8719514358867                          |

Dimensional drawing



| Product                                | D     | C     |
|----------------------------------------|-------|-------|
| CorePro LEDspot 4-50W GU10 840 36D DIM | 50 mm | 54 mm |

Photometric data

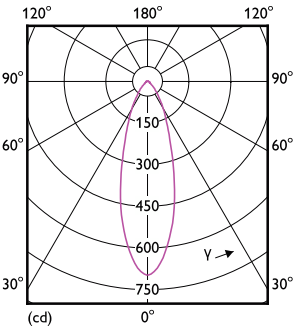


Accent Lighting Spots - CorePro LEDspot 4-50W GU10 840 36D DIM

Spectral Power Distribution Colour - CorePro LEDspot 4-50W GU10 840 36D DIM

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## Photometric data

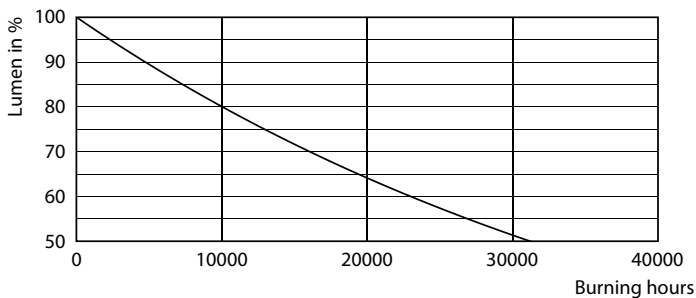


Light Distribution Diagram - CorePro LEDspot 4-50W GU10 840 36D DIM

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDspot 4-50W GU10 840 36D DIM

