PHILIPS

## CorePro LEDspot 4-50W GU10 830 36D DIM

929002068302




# CorePro, LEDspot, PAR16, dimmable, 50 W, GU10, 3000 K, 345 lm, CRI 80, 15000 hour(s), Glass




CorePro, LEDspot, PAR16, dimmable, 50 W, GU10, 3000 K, 345 lm, CRI 80, 15000 hour(s), Glass, 86 lm/W, EEL F, PF 0.6, Beam angle 36 degree(s), RG1, IP20, SVM 0.4, PstLM 1

### 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 | 830 [CCT of 3000K] |
| Beam Angle (Nom) | 36 degree(s) |
| Luminous Flux | 345 lm |
| Luminous Intensity (Nom) | 700 cd |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 86 lm/W |
| Color Consistency | <6 |

| | |
|---|---|
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 345 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 |
| 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 | 391911 |
| 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 |

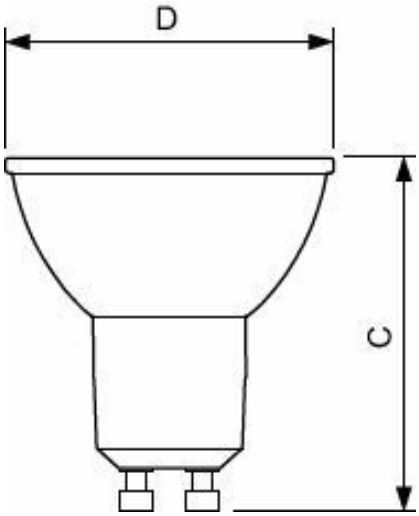
## Application Conditions

| | |
|---|---|
| can it be used in closed luminaires | No |
| Wireless Technology | Not applicable |

## Product Data

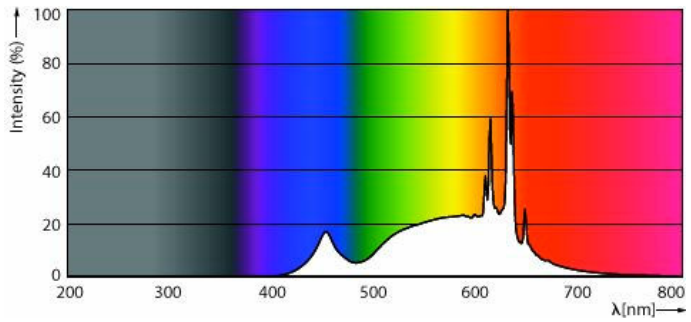
| | |
|---|---|
| Order product name | CorePro LEDspot 4-50W GU10 830 36D DIM |
| Full product name | CorePro LEDspot 4-50W GU10 830 36D DIM |
| Full product code | 871951435883600 |
| Order code | 929002068302 |
| Material Nr. (12NC) | 929002068302 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514358836 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8719514358843 |

## Dimensional drawing

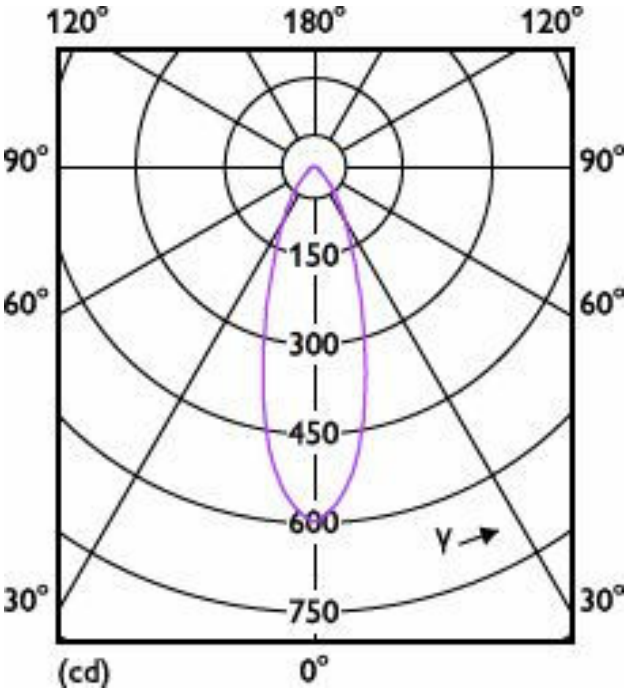



| Product | D | C |
|---|---|---|
| CorePro LEDspot 4-50W GU10 830 36D DIM | 50 mm | 54 mm |

## Photometric data

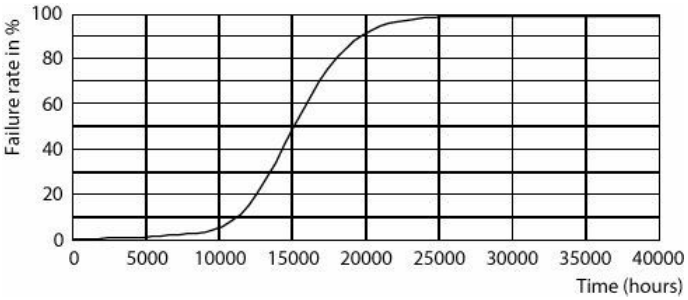



Spectral Power Distribution Colour - CorePro LEDspot 4-50W GU10 830 36D DIM

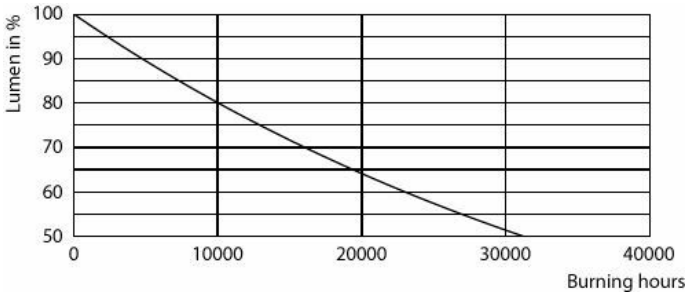



Light Distribution Diagram - CorePro LEDspot 4-50W GU10 830 36D DIM

## Lifetime




Life Expectancy Diagram




Lumen Maintenance Diagram - CorePro LEDspot 4-50W GU10 830 36D DIM

## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Environmental Product Declaration | Philips-CorePro-LEDspot-MV-15K-COMF-3273-Ref-929001215232-EPD.pdf | Download |

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | LEDspots_Corepro_SLR_4W_PAR16_GU10_830_36D-IES.IES | Download |

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