PHILIPS Lighting



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CorePro LEDspot MV

CorePro LEDspot 3-35W GU10 827 36D DIM

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 | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 36 degree(s) |
| Luminous Flux | 230 lm |
| Luminous Intensity (Nom) | 500 cd |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 76 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 |
| | |

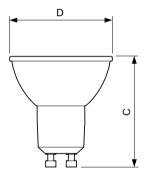
| Operating and Electrical | |
|---------------------------|----------------------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 3 W |
| Lamp Current (Nom) | 18 mA |
| Wattage Equivalent | 35 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.8 |
| Voltage (Nom) | 220-240 V |
| | |
| Temperature | |
| T-Case Maximum (Nom) | 65 ℃ |
| | |
| Controls and Dimming | |
| Dimmable | Only with specific dimmers |
| | |
| Mechanical and Housing | |
| Bulb Shape | PAR16 |
| Net Weight (Piece) | 0.048 kg |
| | |

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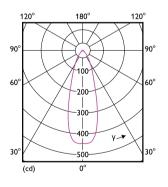
| Approval and Application | |
|--|--------|
| Energy Efficiency Class | F |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 3 kWh |
| EPREL Registration Number | 400298 |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| EyeComfort | Yes |
| Flickering value (PstLM) - Flickering value as | 1 |
| per EN 61000-3-3 | |
| Stroboscopic effect visibility measure (SVM) | 0.4 |
| | |
| Application Conditions | |
| can it be used in closed luminaires | No |
| | |

| Product Data | |
|---------------------------------|--------------------------------|
| Order product name | CorePro LEDspot 3-35W GU10 827 |
| | 36D DIM |
| Full product name | CorePro LEDspot 3-35W GU10 827 |
| | 36D DIM |
| Full product code | 871869672133900 |
| Order code | 929002495802 |
| Material Nr. (12NC) | 929002495802 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696721339 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718696721346 |

Dimensional drawing

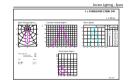


Photometric data



Light Distribution Diagram - CorePro LEDspot 3-35W GU10 827 36D DIM

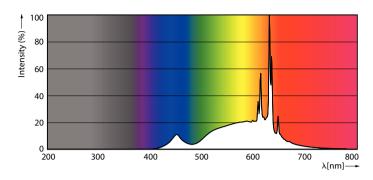
| Product | D | с |
|--|-------|-------|
| CorePro LEDspot 3-35W GU10 827 36D DIM | 50 mm | 54 mm |



Accent Lighting Spots - CorePro LEDspot 3-35W GU10 827 36D DIM

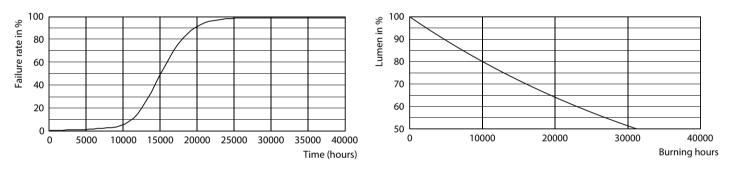
CorePro LEDspot MV

Photometric data



Spectral Power Distribution Colour - CorePro LEDspot 3-35W GU10 827 36D DIM

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDspot 3-35W GU10 827 36D DIM



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