



CorePro LEDspot MV



Corepro LEDspot 550lm GU10 830 120D

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 | Sphere |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Color Code | 830 [CCT of 3000K] |
| Beam Angle (Nom) | 120 degree(s) |
| Luminous Flux | 550 lm |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 112 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Flickering value (PstLM) - Flickering value as per | 1 |
| EN 61000-3-3 | |
| Stroboscopic effect visibility measure (SVM) | 0.6 |
| | |

| Photobiological safety according to EN 62471 | RG1 |
|--|-------------|
| | |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 4.9 W |
| Lamp Current (Nom) | 40 mA |
| 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) | 85 ℃ |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Shape | PAR16 |
| | |

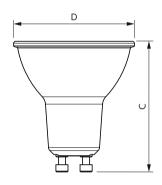
Datasheet, 2024, March 20 data subject to change

CorePro LEDspot MV

| Approval and Application | |
|-------------------------------------|--------------------------------|
| Energy Efficiency Class | E |
| Suitable For Accent Lighting | No |
| Energy Consumption kWh/1000 h | 5 kWh |
| EPREL Registration Number | 1825202 |
| EyeComfort | Yes |
| | |
| Application Conditions | |
| can it be used in closed luminaires | No |
| | |
| Product Data | |
| Order product name | Corepro LEDspot 550lm GU10 830 |

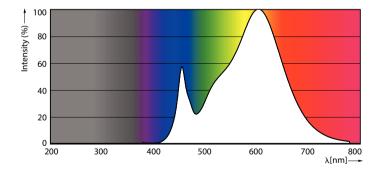
| Full product name | Corepro LEDspot 550lm GU10 830 |
|---------------------------------|--------------------------------|
| | 120D |
| Full product code | 871951430875600 |
| Order code | 929002981202 |
| Material Nr. (12NC) | 929002981202 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514308756 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8719514308763 |
| | |

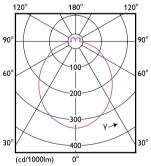
Dimensional drawing



| Product | D | С |
|-------------------------------------|-------|-------|
| Corepro LEDspot 550lm GU10 830 120D | 50 mm | 54 mm |

Photometric data



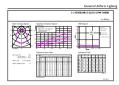


Spectral Power Distribution Colour - Corepro LEDspot 550lm GU10 830 120D

Light Distribution Diagram - Corepro LEDspot 550lm GU10 830 120D

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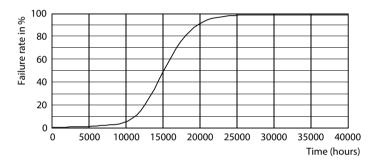
Photometric data

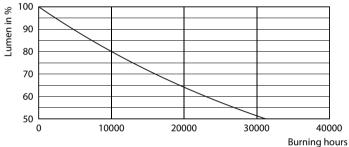


Calculus Photographics 4.5 Philips Lighting ScV. Fago: 17

General uniform lighting - Corepro LEDspot 550lm GU10 830 120D

Lifetime





Life Expectancy Diagram - Corepro LEDspot 550lm GU10 830 120D

Lumen Maintenance Diagram - Corepro LEDspot 550lm GU10 830 120D



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