



CorePro LED PLC 2P



CorePro LED PLC 8.9W 830 2P G24d-3

CorePro, LED, PL-C, EM/Mains, 148 mm, 8.9 W, 26W PL-C, 3000 K, 990 lm, CRI 82, 30000 h

The CorePro LED PLC 2P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings and is environmentally friendly.

Product data

| General Information | |
|--|--------------------------|
| Cap base | G24D-3 Rotatable end-cap |
| Nominal lifetime | 30,000 h |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |
| Warranty period | 3 years |
| Light Technical | |
| Colour Code | 830 [CCT of 3000K] |
| Beam angle (nom.) | 120 degree(s) |
| Luminous Flux | 990 lm |
| Colour designation | White (WH) |
| Correlated Colour Temperature (Nom) | 3000 K |
| Luminous efficacy (rated) (nom.) | 111 lm/W |
| Colour consistency | <6 |
| Colour rendering index (CRI) | 82 |
| LLMF at end of nominal lifetime (nom.) | 70 % |

| Photobiological safety according to EN 62471 | RG1 |
|--|-------------|
| Operating and Electrical | |
| Input frequency | 50 to 60 Hz |
| Power Consumption | 8.9 W |
| Lamp current (nom.) | 52 mA |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (nom.) | 220-240 V |
| LED alternative to fluorescent lamp power | 26W PL-C |
| Inrush current at mains | 2.77 |
| Max. lamp no. on MCB B type 10A – Mains | 198 |
| Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor. | 198 |
| Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor. | - |
| Max. lamp no. on MCB B type 16A – Mains | 317 |

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| | |
|--|---|
| Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor. | 317 |
| Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor. | - |
| Ballast Compatibility | EM/Mains |
| Temperature | |
| T-Case maximum (nom.) | 75 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Lamp Finish | Frosted |
| Bulb material | Plastic |
| Product length | 148 mm |
| Bulb shape | PL-C |
| Net Weight (Piece) | 0.090 kg |
| Approval and Application | |
| Energy Efficiency Class | E |
| Energy-saving product | Yes |
| Approval marks | RoHS compliance CE marking KEMA Keur certificate |

| | |
|------------------------------------|---------------|
| Energy consumption kWh/1,000 hours | 9 kWh |
| EPREL Registration Number | 1820627 |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect | 0.4 |
| Ambient temperature range | -20 to +35 °C |

Product Data

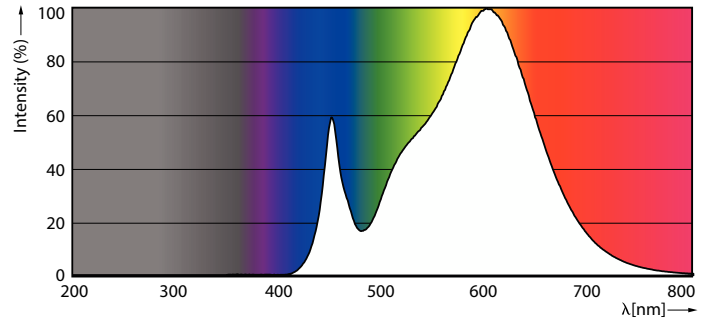
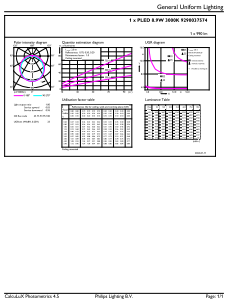
| | |
|---------------------------------|---------------------------------------|
| Order product name | CorePro LED PLC 8.9W 830 2P G24d-3 |
| Full product name | CorePro LED PLC 8.9W 830 2P G24d-3 |
| Full EOC | 872016928758700 |
| Order code | 929003757402 |
| Material no. (12 NC) | 929003757402 |
| Numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8720169287587 |
| Numerator – packs per outer box | 10 |
| EAN/UPC - Case | 8720169287594 |

Dimensional drawing

| Product | D1 | D2 | A1 | A2 | A3 |
|------------------------------------|-------|--------|--------|--------|----|
| CorePro LED PLC 8.9W 830 2P G24d-3 | 34 mm | 129 mm | 148 mm | 171 mm | |

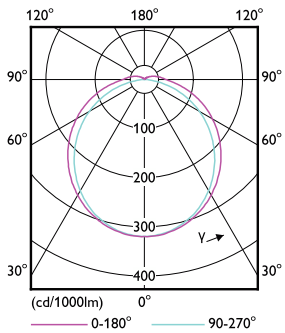
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Photometric data



General uniform lighting - CorePro LED PLC 8.9W 830 2P G24d-3

Spectral Power Distribution Colour - CorePro LED PLC 8.9W 830 2P G24d-3

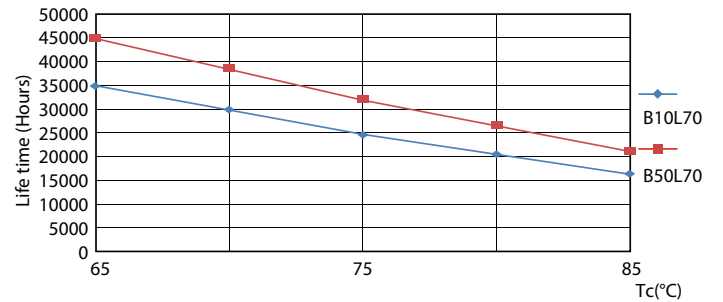


Light Distribution Diagram - CorePro LED PLC 8.9W 830 2P G24d-3

Lifetime



Life Expectancy Diagram



LifetimeVsTc

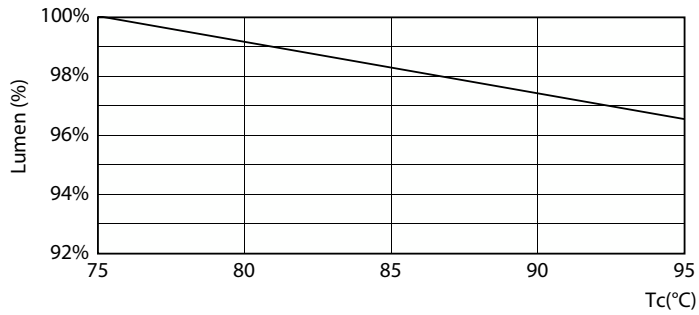
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Lifetime



FailureRate

Lumen Maintenance Diagram - CorePro LED PLC 8.9W 830 2P G24d-3



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