# CorePro LED PLS

## CorePro LED PLS 5W 840 2P G23

The Philips CorePro LED PLS integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environment-friendly.

### Product data

| General Information | |
|---|---|
| **Cap-Base** | G23 [G23] |
| **Nominal lifetime** | 30,000 hour(s) |
| **Switching Cycle** | 50,000 |
| **Lighting Technology** | LED |
| **Flux measurement reference** | Sphere |

| Light Technical | |
|---|---|
| **Color Code** | 840 [CCT of 4000K] |
| **Beam Angle (Nom)** | 120 degree(s) |
| **Luminous Flux** | 550 lumen |
| **Color Designation** | Cool White (CW) |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 110.00 lm/W |
| **Color Consistency** | <6 |
| **Color rendering index (CRI)** | 82 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 70 % |

| Operating and Electrical | |
|---|---|
| **Line Frequency** | 50 to 60 Hz |
| **Input Frequency** | 50 to 60 Hz |
| **Power Consumption** | 5 W |
| **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 |

| Temperature | |
|---|---|
| **Ambient temperature range** | -20 °C to 45 °C |
| **T-Case Maximum (Nom)** | 83 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |

| Mechanical and Housing | |
|---|---|
| **Bulb Material** | Plastic |
| **Product Length** | 170 mm |
| **Bulb Shape** | Tube, single-ended |

| Approval and Application | |
|---|---|
| **Energy Efficiency Class** | F |
| **Energy Saving Product** | Yes |
| **Approval Marks** | TUV CE marking RoHS compliance KEMA Keur certificate |
| **Energy Consumption kWh/1000 h** | 5 kWh |
| **EPREL Registration Number** | 403567 |

# CorePro LED PLS

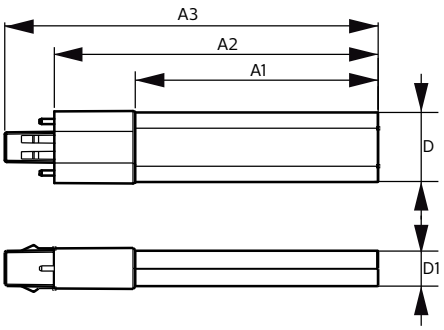
| | |
|---|---|
| **CE mark** | Yes |
| **EU RoHS compliant** | Yes |

| | |
|---|---|
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 20 |
| **Material number (12NC)** | 929001926402 |
| **Full product name** | CorePro LED PLS 5W 840 2P G23 |
| **EAN/UPC - Case** | 8718699596699 |

## Product Data

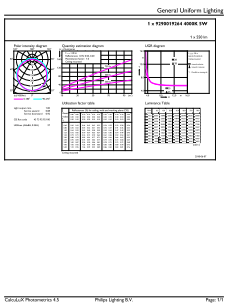
| | |
|---|---|
| **Full product code** | 871869959668200 |
| **Order product name** | CorePro LED PLS 5W 840 2P G23 |
| **Order code** | 929001926402 |

## Dimensional drawing

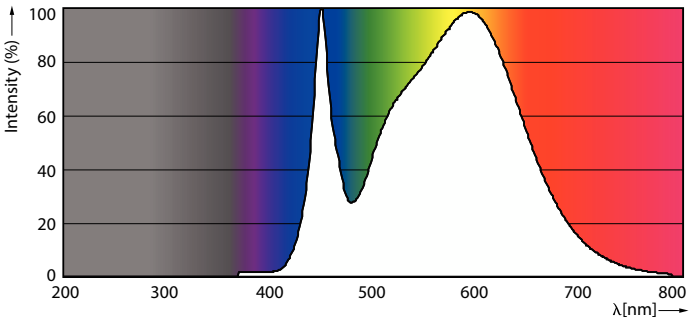



| Product | D | D1 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| CorePro LED PLS 5W 840 2P G23 | 31.1 mm | 15.8 mm | 108 mm | 144 mm | 166 mm |

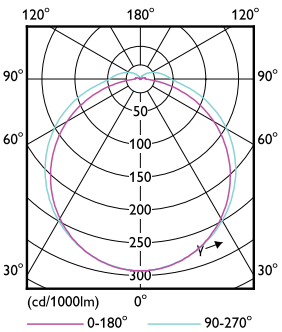
## Photometric data



General uniform lighting - CorePro LED PLS 5W 840 2P G23

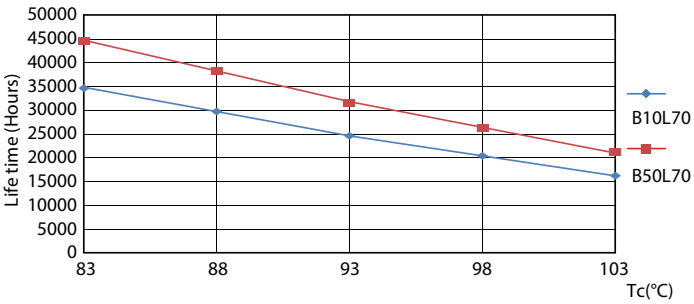



Spectral Power Distribution Colour - CorePro LED PLS 5W 840 2P G23

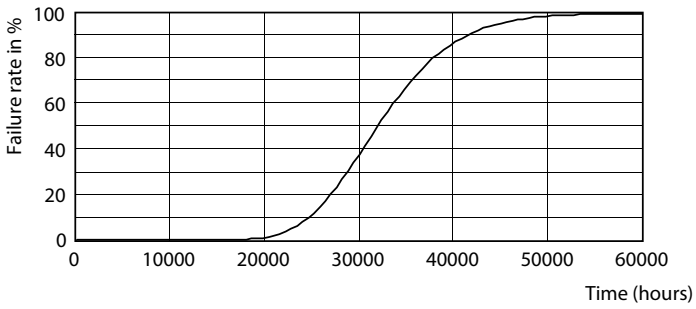



Light Distribution Diagram - CorePro LED PLS 5W 840 2P G23

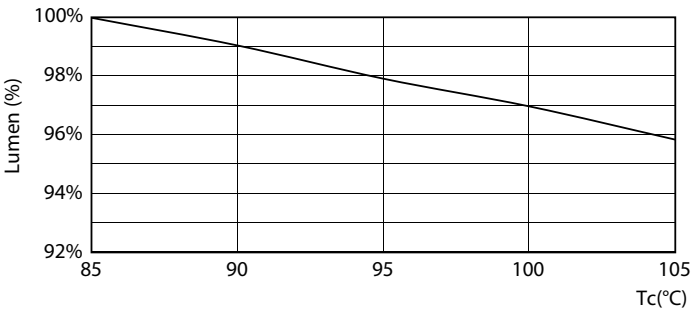
## Lifetime



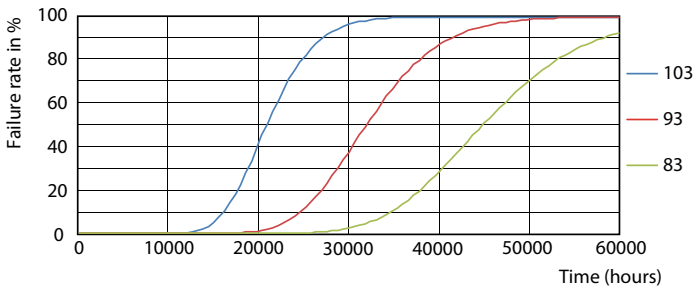

Life Expectancy Diagram - CorePro LED PLS 5W 840 2P G23



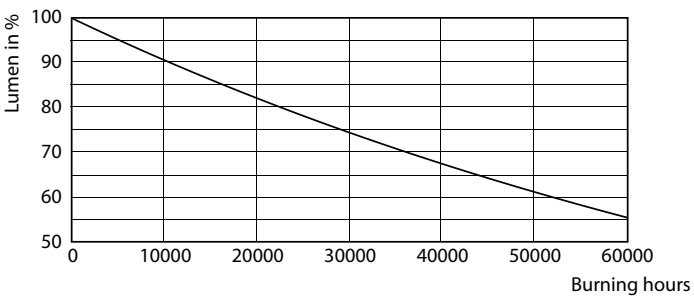

Life Expectancy Diagram - CorePro LED PLS 5W 840 2P G23




Lumen Maintenance Diagram - CorePro LED PLS 5W 840 2P G23




Life Expectancy Diagram - CorePro LED PLS 5W 840 2P G23




Lumen Maintenance Diagram - CorePro LED PLS 5W 840 2P G23

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2023, June 2 - data subject to change