



# CorePro LED PLC

## CorePro LED PLC 8.5W 865 2P G24d-3

Philips CorePro LED PLC is the ideal uplamping solution for downlights in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

### Product data

| General Information                    |                       | Voltage (Nom)                 |  |
|--|-----------------------|-------------------------------|--|
| Cap base                               | G24D-3 [ G24d-3]      | 220-240 V                     |  |
| Nominal lifetime (nom.)                | 30000 h               | Temperature                   |  |
| Switching cycle                        | 50000X                | T ambient (max.)              | 35 °C  |
| B50L70                                 | 30000 h               | T ambient (min.)              | -20 °C   |
|  |                       | T storage (max.)              | 65 °C  |
|  |                       | T storage (min.)              | -40 °C   |
|  |                       | T-Case maximum (nom.)         | 75 °C  |
| Light Technical                        |                       | Controls and Dimming          |  |
| Colour Code                            | 865 [ CCT of 6,500 K] | Dimmable                      | No   |
| Lamp Luminous Flux 25°C EL (Nom)       | 1000 lm               | Mechanical and Housing        |  |
| Lamp Luminous Flux (Nom)               | 1000 lm               | Product length                | 200 mm   |
| Colour Temperature, horizontal (Nom)   | 6500 K                | Approval and Application      |  |
| Colour consistency                     | <6                    | Energy efficiency label (EEL) | A+   |
| Colour Rendering Index, horiz (Nom)    | 83                    | Energy-saving product         | Yes  |
| LLMF at end of nominal lifetime (nom.) | 70 %                  | Approval marks                | CE marking RoHS compliance KEMA Keur certificate |
| Operating and Electrical               |                       | Energy Consumption kWh/1000 h | 11 kWh   |
| Input frequency                        | 50 to 60 Hz           |                               |  |
| Power (Rated) (Nom)                    | 8.5 W                 |                               |  |
| Lamp current (max.)                    | 43 mA                 |                               |  |
| Lamp current (min.)                    | 33 mA                 |                               |  |
| Starting time (nom.)                   | 0.5 s                 |                               |  |
| Warm-up time to 60% light (nom.)       | 0.5 s                 |                               |  |
| Power factor (nom.)                    | 0.9                   |                               |  |

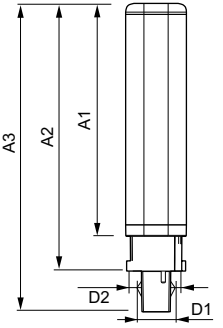
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## Product Data

|                               |                                    |
|-------------------------------|------------------------------------|
| Full product code             | 871869666995200                    |
| Order product name            | CorePro LED PLC 8.5W 865 2P G24d-3 |
| EAN/UPC – product             | 8718696669952                      |
| Order code                    | 66995200                           |
| Numerator – quantity per pack | 1                                  |

|                                 |              |
|---------------------------------|--------------|
| Numerator – packs per outer box | 10           |
| Material no. (12NC)             | 929001280108 |
| Net weight (piece)              | 0.090 kg     |

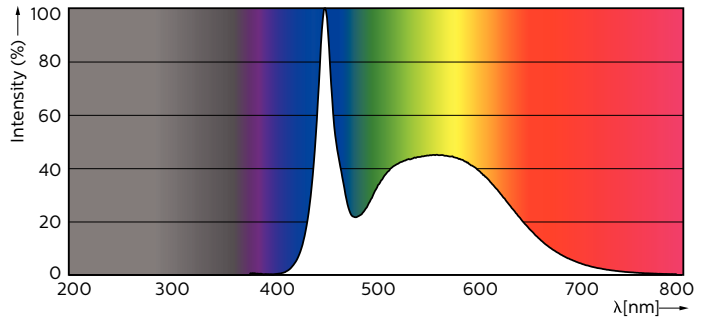
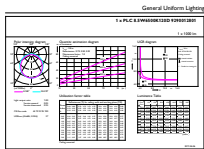
## Dimensional drawing



PLED APR EM 230V8.5W 1000lm 865 G24D-3

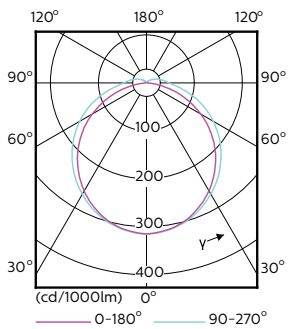
| Product                                       | D1      | D2      | A1       | A2     | A3       |
|---|---------|---------|----------|--------|----------|
| CorePro LED PLC LED PLC<br>8.5W 865 2P G24d-3 | 24.3 mm | 28.4 mm | 128.8 mm | 148 mm | 170.6 mm |

## Photometric data



LEDtube PLC 100mm 9W G24D-3 865 1000lm

LEDtube PLC 100mm 9W G24D-3 865 1000lm



LEDtube PLC 100mm 9W G24D-3 865 1000lm

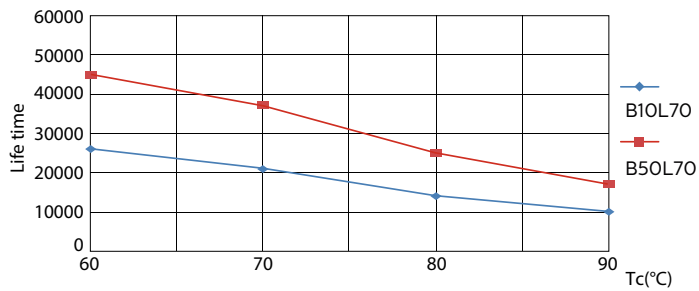
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## Lifetime



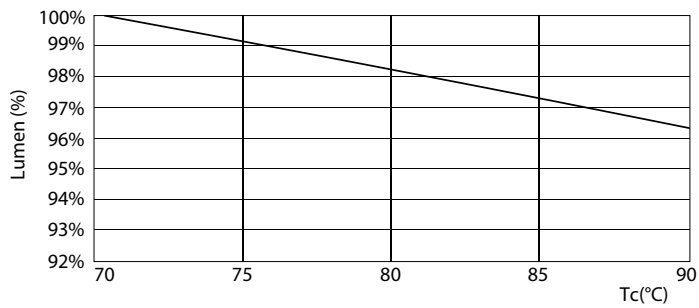
LEDtube PLC 100mm 9W G24D-3 830 950lm

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