



# CorePro LED PLC

## CorePro LED PLC 8.5W 840 2P G24d-3

The Philips CorePro LED PLC 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 [ G24d-3] |
| Main application        | Industrial       |
| Nominal lifetime (nom.) | 30000 h          |
| B50L70                  | 30000            |

#### • Light Technical

|  |         |
|--|---------|
| Beam Angle (Nom)                       | 120 °   |
| Luminous flux (rated) (nom.)           | 950 lm  |
| Rated beam angle                       | 120 °   |
| Correlated colour temperature (nom.)   | 4000 K  |
| Colour consistency                     | 6 steps |
| Color rendering index (nom.)           | 83      |
| LLMF at end of nominal lifetime (nom.) | 70 %    |

#### • Operating and Electrical

|                                  |                    |
|----------------------------------|--------------------|
| Input frequency                  | 50-60 Hz           |
| Power (Rated) (Nom)              | 8.5 W              |
| Starting time (max.)             | 0.5 s              |
| Warm-up time to 60% light (nom.) | instant full light |
| Power factor (min.)              | 0.9                |
| Voltage (Nom)                    | 220-240 V          |

#### • Temperature

|                  |        |
|------------------|--------|
| T ambient (max.) | 35 °C  |
| T ambient (min.) | -20 °C |

|                       |        |
|-----------------------|--------|
| T storage (max.)      | 65 °C  |
| T storage (min.)      | -40 °C |
| T-Case maximum (nom.) | 70 °C  |

#### • Controls and Dimming

|          |    |
|----------|----|
| Dimmable | no |
|----------|----|

#### • Mechanical and Housing

|                |        |
|----------------|--------|
| Product length | 100 mm |
|----------------|--------|

#### • Approval and Application

|                               |  |
|-------------------------------|--|
| Energy-saving product         | Yes  |
| Suitable for accent lighting  | No   |
| Energy efficiency label (EEL) | A+   |
| Approval marks                | CE marking<br>RoHS compliance<br>KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 11 kWh   |

#### • Product Data

|                               |                                    |
|-------------------------------|------------------------------------|
| Full product code             | 871869654125800                    |
| Order product name            | CorePro LED PLC 8.5W 840 2P G24d-3 |
| EAN/UPC – product             | 8718696541258                      |
| Order code                    | 54125800                           |
| Numerator – quantity per pack | 1                                  |

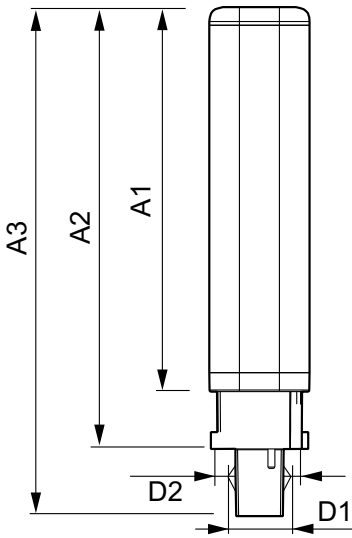
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Numerator – packs 10  
per outer box

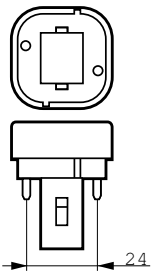
Material no. (12NC) 929001201302  
Net weight (piece) 0.090 kg

## Dimensional drawing

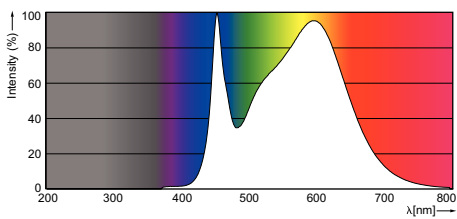


### LEDtube PLC 8.5W G24d-3/840 2P

| Product                            | D1      | D2      | A1       | A2       | A3       |
|------------------------------------|---------|---------|----------|----------|----------|
| CorePro LED PLC 8.5W 840 2P G24d-3 | 24.3 mm | 28.4 mm | 147.5 mm | 128.3 mm | 170.1 mm |



## Photometric data



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2016, August 17  
data subject to change