



# 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
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
B50L70	30000

#### • Light Technical

Color Code	840 [ CCT of 4000K (841)]
Beam Angle (Nom)	120°
Luminous Flux (Rated) (Nom)	950 lm
Rated Beam Angle	120°
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

#### • Operating and Electrical

Input Frequency	50 to 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)	The lamp must be connected with EM ballast 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
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#### • Mechanical and Housing

Product Length	100 mm
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm (NaN x NaN x NaN in)

#### • Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking RoHS compliance 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

**PHILIPS**

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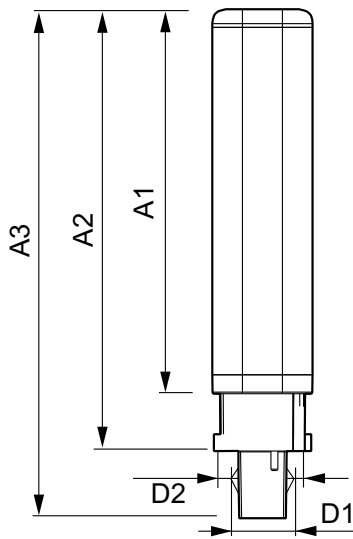
EAN/UPC - Product 8718696541258  
 Order code 929001201302  
 Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 10  
 Material Nr. (12NC) 929001201302  
 Net Weight (Piece) 0.090 kg

## Warnings and Safety

- **NOTES:** The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

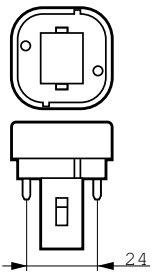
## Dimensional drawing



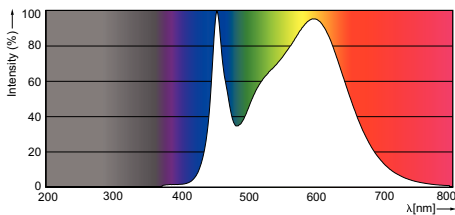
G24d-3, 2P

### 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	128.3 mm	147.5 mm	170.1 mm



## Photometric data





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data subject to change