CorePro LED PLC 2P

CorePro LED PLC 8.5W 830 2P G24d-3

CorePro LED PLC 2P 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 environmentally friendly.

Product data

General Information

Cap-Base	G24D-3 [G24d-3]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
Flux measurement reference	Sphere

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 °
Luminous Flux (Nom)	950 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	105.88 lm/W
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 (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
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)	75 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Product Length	200 mm
Bulb Shape	Tube, single-ended

Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes

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Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	403554

Product Data

Full product code	871869654123400
Order product name	CorePro LED PLC 8.5W 830 2P G24d-3

EAN/UPC – Product	8718696541234
Order code	929001201202
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	10
Material Nr. (12NC)	929001201202
Net Weight (Piece)	0.090 kg

Dimensional drawing
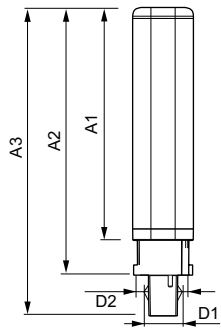
LEDtube PLC 8.5W G24d-3/830 2P

Product	D1	D2	A1	A2	A3
CorePro LED PLC 8.5W 830 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

Photometric data
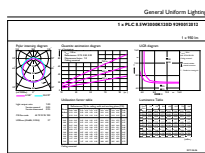
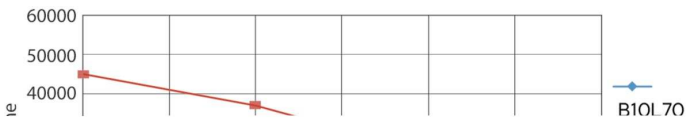**LEDtube PLC 100mm 9W G24D-3 830 950lm**
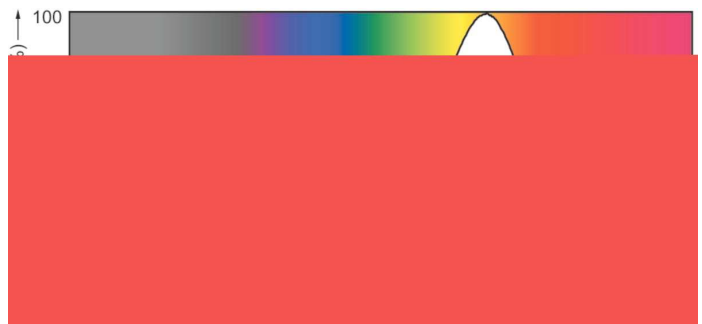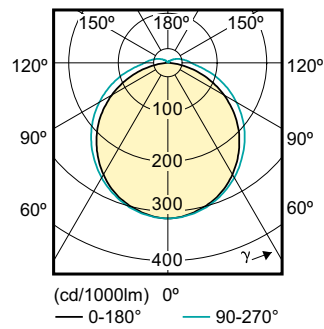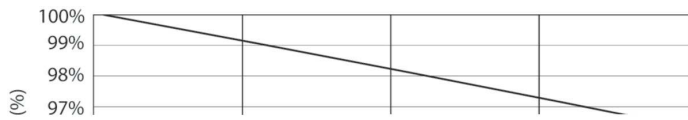
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Lifetime

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

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2021, September 2 – data subject to change