CorePro LED PLC 2P

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CorePro LED PLC 4.5W 830 2P G24d-1

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-1 [G24d-1]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000
Flux measurement reference	Sphere

Light technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 °
Luminous Flux (Nom)	475 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	105.00 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)	4.5 W
Lamp Current (Max)	25 mA
Lamp Current (Min)	20 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 ℃
T-Ambient (Min)	-20 ℃
T-Storage (Max)	65 ℃
T-Storage (Min)	-40 ℃
T-Case Maximum (Nom)	60 ℃

Controls and dimming

Dimmable	No

Mechanical and housing

Bulb Material	Plastic
Product Length	100 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	**EAN/UPC – Product**	8718696706596
Energy Consumption kWh/1000 h	5 kWh	**Order code**	929001350702
EPREL Registration Number	403560	**Numerator – Quantity Per Pack**	1
		Numerator – Packs per outer box	10
Product data		**Material Nr. (12NC)**	929001350702
Full product code	871869670659600	**Net Weight (Piece)**	0.070 kg
Order product name	CorePro LED PLC 4.5W 830 2P G24d-1		

Dimensional drawing
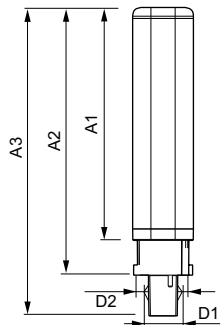
CorePro LED PLC 4.5W 830 2P G24d-1

Product	D1	D2	A1	A2	A3
CorePro LED PLC 4.5W 830 2P G24d-1	24.3 mm	28.4 mm	95.8 mm	115 mm	137.6 mm

Photometric data
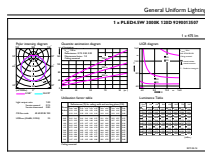
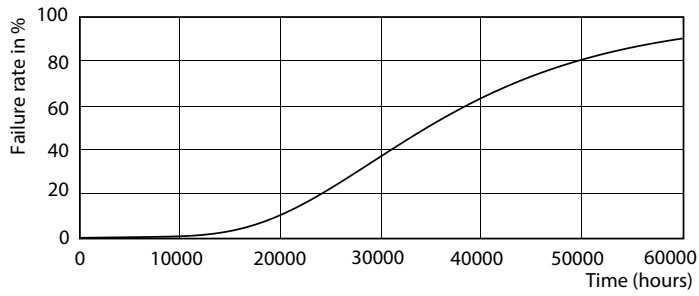**CorePro LED PLC 100mm 5W G24D-1 830 475lm**
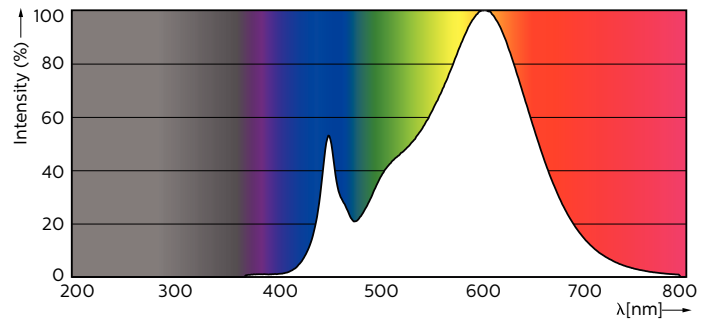
LEDtube 100mm 5W G24D-1 830 475lm
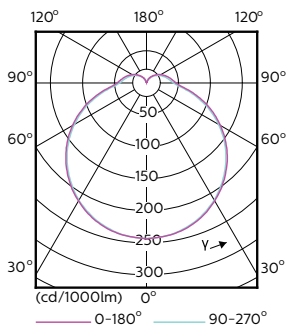
LEDtube 100mm 5W G24D-1

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Lifetime

LEDtube 100mm 5W G24D-1

LEDtube 100mm 5W G24D-1

www.lighting.philips.com

2022, August 23 – data subject to change