



The new generation of energy-saving LED PLC 2P tube lighting

CorePro LED PLC 2P

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.

Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology
- Completely safe product and installation process

Features

- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

Application

- Hospitality, retail, office, industrial and home applications

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Versions

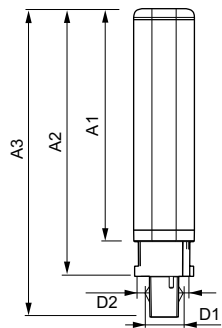


G24d-3



G24d-2

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 6.5W 830 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm
CorePro LED PLC 6.5W 840 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

Product	D1	D2	A1	A2	A3
CorePro LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm
CorePro LED PLC 8.5W 830 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

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Approval and Application

Energy Efficiency Label (EEL) A+

Controls and Dimming

Dimmable No

Operating and Electrical

Input Frequency 50 to 60 Hz

Voltage (Nom) 220-240 V

Starting Time (Nom) 0.5 s

General Information

Nominal Lifetime (Nom) 30000 h

Switching Cycle 50000X

Light Technical

Beam Angle (Nom) 120 °

Color Rendering Index (Nom) 83

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Shape Tube, single-ended

Temperature

T-Ambient (Max) 35 °C

T-Ambient (Min) -20 °C

T-Storage (Max) 65 °C

T-Storage (Min) -40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	11 kWh
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	11 kWh
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	9 kWh
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	9 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	8.5 W
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	8.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	6.5 W
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	6.5 W

General Information

Order Code	Full Product Name	Cap-Base
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	G24D-3
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	G24D-3

Order Code	Full Product Name	Cap-Base
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	G24D-2
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	G24D-2

Light Technical

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	830	3000 K	950 lm
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	840	4000 K	1000 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	830	3000 K	650 lm
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	840	4000 K	700 lm

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Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	75 °C
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	75 °C
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	65 °C
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	65 °C

