



The new generation of energy-saving LED PLC 4P tube lighting

CorePro LED PLC 4P

The CorePro LED PLC 4P 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
- The 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

CorePro LED PLC 4P

Versions

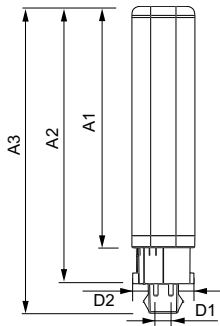
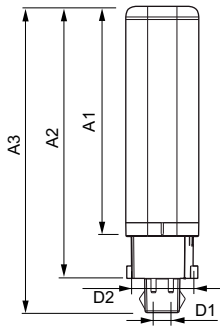


8.5W G24q-3 4P



6.5W G24q-2 4P

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 6.5W 840 4P G24q-2	24.3 mm	28.4 mm	105.8 mm	125 mm	140.6 mm
CorePro LED PLC 6.5W 830 4P G24q-2	24.3 mm	28.4 mm	105.8 mm	125 mm	140.6 mm

Product	D1	D2	A1	A2	A3
CorePro LED PLC 9W 840 4P G24q-3	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm
CorePro LED PLC 9W 830 4P G24q-3	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm

CorePro LED PLC 4P

Approval and Application

Energy Efficiency Label (EEL) A+

Controls and Dimming

Dimmable No

Operating and Electrical

Input Frequency 30000-80000 Hz

Voltage (Nom) 20-50 V

Starting Time (Nom) 0.5 s

General Information

Nominal Lifetime (Nom) 30000 h

Switching Cycle 50,000X

Light Technical

Beam Angle (Nom) 120 °

Colour 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
929001200802	CorePro LED PLC 9W 830 4P G24q-3	12 kWh
929001200902	CorePro LED PLC 9W 840 4P G24q-3	12 kWh
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	9 kWh
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	9 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001200802	CorePro LED PLC 9W 830 4P G24q-3	9 W
929001200902	CorePro LED PLC 9W 840 4P G24q-3	9 W

Order Code	Full Product Name	Power (Rated) (Nom)
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	6.5 W
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	6.5 W

General Information

Order Code	Full Product Name	Cap-Base
929001200802	CorePro LED PLC 9W 830 4P G24q-3	G24Q-3
929001200902	CorePro LED PLC 9W 840 4P G24q-3	G24Q-3

Order Code	Full Product Name	Cap-Base
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	G24Q-2
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	G24Q-2

Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929001200802	CorePro LED PLC 9W 830 4P G24q-3	830	3000 K	950 lm
929001200902	CorePro LED PLC 9W 840 4P G24q-3	840	4000 K	1000 lm

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	830	3000 K	650 lm
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	840	4000 K	700 lm

CorePro LED PLC 4P

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001200802	CorePro LED PLC 9W 830 4P G24q-3	76 °C
929001200902	CorePro LED PLC 9W 840 4P G24q-3	76 °C
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	66 °C
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	66 °C

