



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
- 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

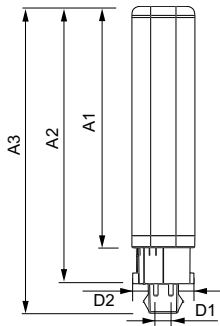
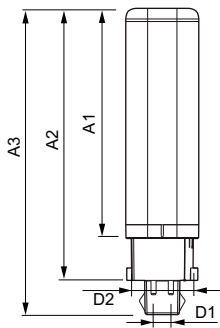


8.5W G24q-3 4P



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

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Controls and Dimming

Dimmable	No
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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	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
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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	9 kWh
929001200902	CorePro LED PLC 9W 840 4P G24q-3	9 kWh
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	7 kWh
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	7 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	Correlated Color		
		Color Code	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	Correlated Color		
		Color Code	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

Temperature

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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

