



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 uplampping 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

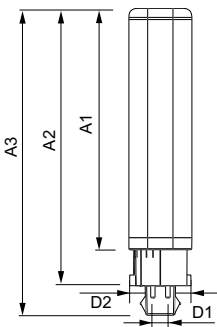
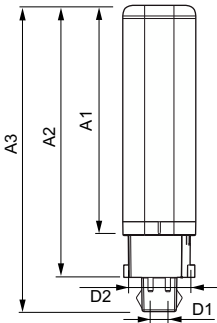
- Hospitality, retail, office, industrial and home applications

CorePro LED PLC 4P

Versions



Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 6.5W 830 4P G24q-2	24.3 mm	28.4 mm	105.8 mm	125 mm	140.6 mm
CorePro LED PLC 6.5W 840 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 4.5W 830 4P G24q-1	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 mm
CorePro LED PLC 4.5W 840 4P G24q-1	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 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 9W 840 4P G24q-3	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm

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General Information	
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	120 degree(s)
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	30000-80000 Hz
Line Frequency	30000-80000 Hz
Starting Time (Nom)	0.5 s
Temperature	
Ambient temperature range	-20 °C to 35 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PL-C

General Information

Order Code	Full Product Name	Cap-Base
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	G24q-1
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	G24q-1
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	G24q-2
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	G24q-2
929001200802	CorePro LED PLC 9W 830 4P G24q-3	G24q-3
929001200902	CorePro LED PLC 9W 840 4P G24q-3	G24q-3

Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	3000 K	830	475 lm
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	4000 K	840	500 lm
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	3000 K	830	650 lm

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	4000 K	840	700 lm
929001200802	CorePro LED PLC 9W 830 4P G24q-3	3000 K	830	950 lm
929001200902	CorePro LED PLC 9W 840 4P G24q-3	4000 K	840	1,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	4.5 W
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	4.5 W
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	6.5 W

Order Code	Full Product Name	Power Consumption
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	6.5 W
929001200802	CorePro LED PLC 9W 830 4P G24q-3	9 W
929001200902	CorePro LED PLC 9W 840 4P G24q-3	9 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	60 °C
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	60 °C
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	66 °C

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

Approval and Application

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Order Code	Full Product Name	Energy Consumption kWh/	
		1000 h	
929001351002	CorePro LED PLC 4.5W 830 4P G24q-1	5 kWh	
929001351102	CorePro LED PLC 4.5W 840 4P G24q-1	5 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	
929001200802	CorePro LED PLC 9W 830 4P G24q-3	9 kWh	
929001200902	CorePro LED PLC 9W 840 4P G24q-3	9 kWh	

