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
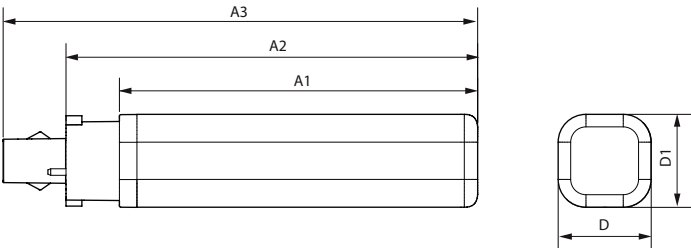- Hospitality, retail, office, industrial and home applications

CorePro LED PLC 4P

Versions

Product standard image

Dimensional drawing

Product	D1	D2	A1	A2	A3
CorePro LED PLC 5.5W 830 4P G24q-1	34 mm	34 mm	109 mm	128 mm	144 mm
CorePro LED PLC 6.5W 840 4P G24q-2	34 mm	34 mm	109 mm	128 mm	144 mm
CorePro LED PLC 9.5W 830 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm
CorePro LED PLC 9.5W 840 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

General Information

Switching Cycle	200,000
Nominal lifetime	30,000 h

Light Technical

Beam angle (nom.)	120 degree(s)
Colour rendering index (CRI)	82
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical

Input frequency	50 to 60 Hz
Starting time (nom.)	0.5 s

Controls and Dimming

Dimmable	No

Mechanical and Housing

Lamp Finish	Frosted
Bulb shape	PL-C

Approval and Application

Ambient temperature range	–20 to +45 ℃

General Information

Order Code	Full Product Name	Cap base
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	G24q-1 ROT
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	G24q-2 ROT
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	G24q-3 ROT
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	G24q-3 ROT

Light Technical

CorePro LED PLC 4P

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Code	Luminous Flux
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	3000 K	830	600 lm
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	4000 K	840	770 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Code	Luminous Flux
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	3000 K	830	990 lm
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	4000 K	840	1,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	5.5 W
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	6.5 W

Order Code	Full Product Name	Power Consumption
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	9.5 W
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	9.5 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	70 °C
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	70 °C

Order Code	Full Product Name	T-Case maximum (nom.)
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	75 °C
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	75 °C

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
929003757602	CorePro LED PLC 5.5W 830 4P G24q-1	6 kWh
929003757902	CorePro LED PLC 6.5W 840 4P G24q-2	7 kWh
929003758002	CorePro LED PLC 9.5W 830 4P G24q-3	10 kWh
929003758102	CorePro LED PLC 9.5W 840 4P G24q-3	10 kWh