



# 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

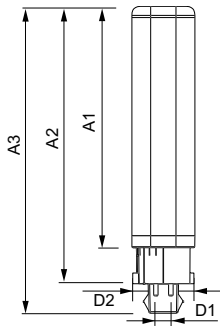
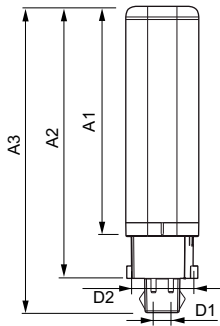


G24q-3



G24q-2

## 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

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

## 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
54115900	CorePro LED PLC 9W 830 4P G24q-3	9 kWh
54117300	CorePro LED PLC 9W 840 4P G24q-3	9 kWh
54121000	CorePro LED PLC 6.5W 840 4P G24q-2	7 kWh

## Operating and electrical

Order Code	Full Product Name	Power (Nom)
54115900	CorePro LED PLC 9W 830 4P G24q-3	9 W
54117300	CorePro LED PLC 9W 840 4P G24q-3	9 W

Order Code	Full Product Name	Power (Nom)
54121000	CorePro LED PLC 6.5W 840 4P G24q-2	6.5 W

## General information

Order Code	Full Product Name	Cap-Base
54115900	CorePro LED PLC 9W 830 4P G24q-3	G24Q-3
54117300	CorePro LED PLC 9W 840 4P G24q-3	G24Q-3

Order Code	Full Product Name	Cap-Base
54121000	CorePro LED PLC 6.5W 840 4P G24q-2	G24Q-2

## Light technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
54115900	CorePro LED PLC 9W 830 4P G24q-3	830	3000 K	950 lm
54117300	CorePro LED PLC 9W 840 4P G24q-3	840	4000 K	1000 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
54121000	CorePro LED PLC 6.5W 840 4P G24q-2	840	4000 K	700 lm

## Temperature

# CorePro LED PLC 4P

Order Code	Full Product Name	T-Case Maximum (Nom)
54115900	CorePro LED PLC 9W 830 4P G24q-3	76 °C
54117300	CorePro LED PLC 9W 840 4P G24q-3	76 °C
54121000	CorePro LED PLC 6.5W 840 4P G24q-2	66 °C

