



# The new generation of energy-saving LED PLC tube lighting

## CorePro LED PLC

Philips CorePro LED PLC is the ideal uplampping solution for downlights in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

### Benefits

- Reduced operational costs thanks to lower energy consumption than conventional PLC lamps, as well as lower maintenance costs thanks to a two to three times longer lifetime than conventional lamps
- Simple lamp-for-lamp replacement, re-using the existing fixture without major modifications, using a similar PLC form factor
- The fastest and easiest way to upgrade existing luminaires to LED technology

### Features

- Shatter-proof plastic
- High quality of light, no flickering or stroboscopic effects
- Instant 100% light
- Rotating end-caps
- Choice of 3,000 K and 4,000 K

### Application

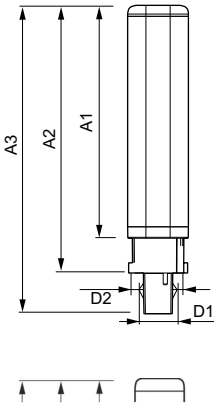
- CorePro LED PLC lamps are the ideal upgrade for downlights in a wide range of applications. These include reception areas, meeting rooms, corridor and hallways in offices, retail outlets, hospitality venues and home applications.

# CorePro LED PLC

## Versions



## Dimensional drawing



Product	D1	D2	A1	A2	A3
LED PLC 8.5W 830 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm
LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

Product	D1	D2	A1	A2	A3
LED PLC 6.5W 840 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm
LED PLC 6.5W 830 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

# CorePro LED PLC

<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	A+
<b>Controls and Dimming</b>	
Dimmable	no
<b>Operating and Electrical</b>	
Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s
<b>General Information</b>	
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
<b>Light Technical</b>	
Colour Rendering Index (Nom)	83
Llmf At End Of Nominal Lifetime (Nom)	70 %
<b>Temperature</b>	
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
929001201208	LED PLC 8.5W 830 2P G24d-3	11 kWh
929001201308	LED PLC 8.5W 840 2P G24d-3	11 kWh
929001201408	LED PLC 6.5W 830 2P G24d-2	9 kWh
929001201508	LED PLC 6.5W 840 2P G24d-2	9 kWh

## Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001201208	LED PLC 8.5W 830 2P G24d-3	8.5 W
929001201308	LED PLC 8.5W 840 2P G24d-3	8.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
929001201408	LED PLC 6.5W 830 2P G24d-2	6.5 W
929001201508	LED PLC 6.5W 840 2P G24d-2	6.5 W

## General Information

Order Code	Full Product Name	Cap-Base
929001201208	LED PLC 8.5W 830 2P G24d-3	G24D-3
929001201308	LED PLC 8.5W 840 2P G24d-3	G24D-3

Order Code	Full Product Name	Cap-Base
929001201408	LED PLC 6.5W 830 2P G24d-2	G24D-2
929001201508	LED PLC 6.5W 840 2P G24d-2	G24D-2

## Light Technical

Order Code	Full Product Name	Correlated Colour		
		Colour Code	Temperature (Nom)	Luminous Flux (Nom)
929001201208	LED PLC 8.5W 830 2P G24d-3	830	3000 K	950 lm
929001201308	LED PLC 8.5W 840 2P G24d-3	840	4000 K	1000 lm

Order Code	Full Product Name	Correlated Colour		
		Colour Code	Temperature (Nom)	Luminous Flux (Nom)
929001201408	LED PLC 6.5W 830 2P G24d-2	830	3000 K	650 lm
929001201508	LED PLC 6.5W 840 2P G24d-2	840	4000 K	700 lm

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001201208	LED PLC 8.5W 830 2P G24d-3	75 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001201308	LED PLC 8.5W 840 2P G24d-3	75 °C

CorePro LED PLC

Order Code	Full Product Name	T-Case Maximum (Nom)
929001201408	LED PLC 6.5W 830 2P G24d-2	65 °C
929001201508	LED PLC 6.5W 840 2P G24d-2	65 °C

