



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

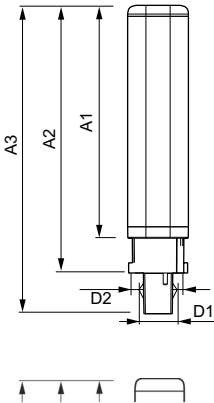
- CorePro LED PLC lamps are the ideal upgrade for downlights in a wide range of applications. These include reception areas, meeting rooms, corridor and hallways in offices, retail outlets, hospitality venues and home applications.

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
LED PLC 8.5W 865 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
LED PLC 6.5W 865 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

CorePro LED PLC

Approval and Application

Energy Efficiency Label (EEL)	A+
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Operating and Electrical

Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s

General Information

Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X

Light Technical

Colour Rendering Index (Nom)	83
Llmf At End Of Nominal Lifetime (Nom)	70 %

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
66999000	LED PLC 8.5W 830 2P G24d-3	11 kWh
67001900	LED PLC 8.5W 840 2P G24d-3	11 kWh
66995200	LED PLC 8.5W 865 2P G24d-3	11 kWh
67003300	LED PLC 6.5W 830 2P G24d-2	9 kWh
67005700	LED PLC 6.5W 840 2P G24d-2	9 kWh
66997600	LED PLC 6.5W 865 2P G24d-2	9 kWh

Controls and Dimming

Order Code	Full Product Name	Dimmable
66999000	LED PLC 8.5W 830 2P G24d-3	no
67001900	LED PLC 8.5W 840 2P G24d-3	no
66995200	LED PLC 8.5W 865 2P G24d-3	No

Order Code	Full Product Name	Dimmable
67003300	LED PLC 6.5W 830 2P G24d-2	no
67005700	LED PLC 6.5W 840 2P G24d-2	no
66997600	LED PLC 6.5W 865 2P G24d-2	No

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
66999000	LED PLC 8.5W 830 2P G24d-3	8.5 W
67001900	LED PLC 8.5W 840 2P G24d-3	8.5 W
66995200	LED PLC 8.5W 865 2P G24d-3	8.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
67003300	LED PLC 6.5W 830 2P G24d-2	6.5 W
67005700	LED PLC 6.5W 840 2P G24d-2	6.5 W
66997600	LED PLC 6.5W 865 2P G24d-2	6.5 W

General Information

Order Code	Full Product Name	Cap-Base
66999000	LED PLC 8.5W 830 2P G24d-3	G24D-3
67001900	LED PLC 8.5W 840 2P G24d-3	G24D-3
66995200	LED PLC 8.5W 865 2P G24d-3	G24D-3

Order Code	Full Product Name	Cap-Base
67003300	LED PLC 6.5W 830 2P G24d-2	G24D-2
67005700	LED PLC 6.5W 840 2P G24d-2	G24D-2
66997600	LED PLC 6.5W 865 2P G24d-2	G24D-2

Light Technical

		Correlated Colour		
		Colour	Temperature	Luminous Flux
Order Code	Full Product Name	Code	(Nom)	(Nom)
66999000	LED PLC 8.5W 830 2P G24d-3	830	3000 K	950 lm

		Correlated Colour		
		Colour	Temperature	Luminous Flux
Order Code	Full Product Name	Code	(Nom)	(Nom)
67001900	LED PLC 8.5W 840 2P G24d-3	840	4000 K	1000 lm

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Order Code	Full Product Name	Correlated Colour		
		Colour Code	Temperature (Nom)	Luminous Flux (Nom)
66995200	LED PLC 8.5W 865 2P G24d-3	865	6500 K	1000 lm
67003300	LED PLC 6.5W 830 2P G24d-2	830	3000 K	650 lm

Order Code	Full Product Name	Correlated Colour		
		Colour Code	Temperature (Nom)	Luminous Flux (Nom)
67005700	LED PLC 6.5W 840 2P G24d-2	840	4000 K	700 lm
66997600	LED PLC 6.5W 865 2P G24d-2	865	6500 K	700 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
66999000	LED PLC 8.5W 830 2P G24d-3	75 °C
67001900	LED PLC 8.5W 840 2P G24d-3	75 °C
66995200	LED PLC 8.5W 865 2P G24d-3	75 °C
67003300	LED PLC 6.5W 830 2P G24d-2	65 °C
67005700	LED PLC 6.5W 840 2P G24d-2	65 °C
66997600	LED PLC 6.5W 865 2P G24d-2	65 °C

