



The new generation of energy-saving LED PLC tube lighting

CorePro LED PLC

Philips CorePro LED PLC is the ideal uplamping 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, corridors and hallways in offices, retail stores, hospitality venues and home applications

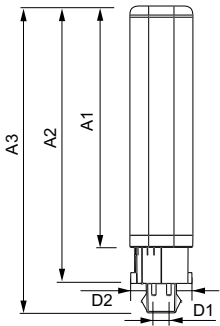
CorePro LED PLC

Versions



G24q-1

Dimensional drawing



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

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Approval and Application

Energy Consumption kWh/1000 h 5 kWh

Controls and Dimming

Dimmable No

Operating and Electrical

Input Frequency 30000-80000 Hz

Voltage (Nom) 20-50 V

Power (Nom) 4.5 W

Starting Time (Nom) 0.5 s

General Information

Cap-Base G24Q-1

Nominal Lifetime (Nom) 30000 h

Switching Cycle 50,000X

Light Technical

Beam Angle (Nom) 120 °

Colour Rendering Index (Nom) 83

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Shape Tube, single-ended

Temperature

T-Ambient (Max) 35 °C

T-Ambient (Min) -20 °C

T-Case Maximum (Nom) 60 °C

T-Storage (Max) 65 °C

T-Storage (Min) -40 °C

Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
70663300	CorePro LED PLC 4.5W 830 4P G24q-1	830	3000 K	475 lm
70665700	CorePro LED PLC 4.5W 840 4P G24q-1	840	4000 K	500 lm

