



The new generation of energy-saving LED PLC tube lighting

CorePro LED PLC

Philips CorePro LED PLC is the ideal uplighting 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

Features

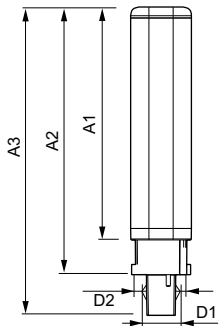
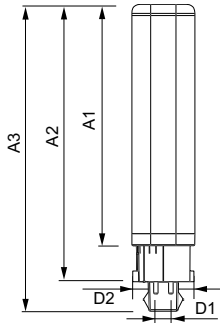
Application

Versions



CorePro LED PLC

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 4.5W 840 4P G24q-1	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 mm
CorePro LED PLC 4.5W 830 4P G24q-1	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 mm

Product	D1	D2	A1	A2	A3
CorePro LED PLC 4.5W 830 2P G24d-1	24.3 mm	28.4 mm	95.8 mm	115 mm	137.6 mm
CorePro LED PLC 4.5W 840 2P G24d-1	24.3 mm	28.4 mm	95.8 mm	115 mm	137.6 mm

Controls and Dimming

Dimmable	No
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Operating and Electrical

Power (Rated) (Nom)	4.5 W
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-Case Maximum (Nom)	60 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	5 kWh	A++
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	5 kWh	A++
70663300	CorePro LED PLC 4.5W 830 4P G24q-1	6 kWh	A+
70665700	CorePro LED PLC 4.5W 840 4P G24q-1	6 kWh	A+

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Order Code	Full Product Name	Input Frequency	Voltage (Nom)
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	50 to 60 Hz	220-240 V	70661900	CorePro LED PLC 4.5W 840 2P G24d-1	50 to 60 Hz	220-240 V

CorePro LED PLC

Order Code	Full Product Name	Input Frequency	Voltage (Nom)
70663300	CorePro LED PLC 4.5W 830 4P G24q-1	30000-80000 Hz	20-50 V

Order Code	Full Product Name	Input Frequency	Voltage (Nom)
70665700	CorePro LED PLC 4.5W 840 4P G24q-1	30000-80000 Hz	20-50 V

General Information

Order Code	Full Product Name	Cap-Base
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	G24D-1
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	G24D-1

Order Code	Full Product Name	Cap-Base
70663300	CorePro LED PLC 4.5W 830 4P G24q-1	G24Q-1
70665700	CorePro LED PLC 4.5W 840 4P G24q-1	G24Q-1

Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	830	3000 K	475 lm
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	840	4000 K	500 lm
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

