



# The new generation of energy-saving LED PLC 2P tube lighting

## CorePro LED PLC 2P

CorePro LED PLC 2P 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 2P

## Versions



G24d-3

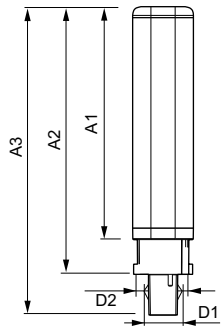


G24d-2



G24D-1

## Dimensional drawing



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

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

# CorePro LED PLC 2P

## Controls and dimming

Dimmable	No
----------	----

## 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

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
------------	--------------------

## 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
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	9 kWh
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	9 kWh
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	7 kWh
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	7 kWh
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	5 kWh
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	5 kWh

## Operating and electrical

Order Code	Full Product Name	Power (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	8.5 W
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	8.5 W
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	6.5 W

Order Code	Full Product Name	Power (Nom)
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	6.5 W
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	4.5 W
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	4.5 W

## General information

Order Code	Full Product Name	Cap-Base
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	G24D-3
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	G24D-3
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	G24D-2

Order Code	Full Product Name	Cap-Base
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	G24D-2
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	G24D-1
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	G24D-1

## Light technical

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	830	3000 K	950 lm
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	840	4000 K	1000 lm
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	830	3000 K	650 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	840	4000 K	700 lm
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	830	3000 K	475 lm

# CorePro LED PLC 2P

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

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	75 °C
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	75 °C
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	65 °C
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	65 °C
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	60 °C
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	60 °C

