



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

## CorePro LED PLC 2P

The CorePro LED PLC 2P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping 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
- The 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



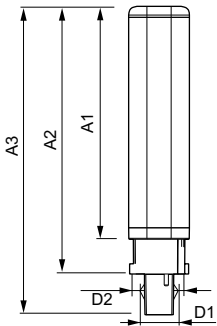
8.5W G24d-3 2P



6.5W G24d-2 2P

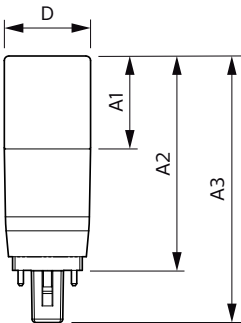


## Dimensional drawing



Product	D1	D2	A1	A2	A3
LED PLC 8.5W 865 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 830 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

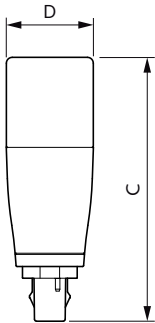
Product	D1	D2	A1	A2	A3
LED PLC 6.5W 865 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm
LED PLC 6.5W 830 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm
LED PLC 6.5W 840 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm



Product	D	A1	A2	A3
LED PLC 9W 865 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm
LED PLC 7.5W 830 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm
LED PLC 7.5W 840 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm
LED PLC 9W 840 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm
LED PLC 9W 830 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm
LED PLC 7.5W 865 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm

# CorePro LED PLC 2P

## Dimensional drawing



Product	D1	D2	A1	A2	A3
LED PLC 11W 840 2P G24D	135 mm		113 mm	120 mm	135 mm
LED PLC 11W 865 2P G24D	135 mm		113 mm	120 mm	135 mm
LED PLC 11W 830 2P G24D	135 mm		113 mm	120 mm	135 mm

### 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

Switching Cycle	50,000X
-----------------	---------

### Light Technical

LLmf At End Of Nominal Lifetime (Nom)	70 %
---------------------------------------	------

### Temperature

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
929001280108	LED PLC 8.5W 865 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
929001280208	LED PLC 6.5W 865 2P G24d-2	9 kWh
929001878908	LED PLC 7.5W 830 2P G24d	- kWh
929001879008	LED PLC 7.5W 840 2P G24d	- kWh
929001879108	LED PLC 7.5W 865 2P G24d	- kWh
929001879208	LED PLC 9W 830 2P G24d	- kWh
929001879308	LED PLC 9W 840 2P G24d	- kWh
929001879408	LED PLC 9W 865 2P G24d	- kWh
929002440208	LED PLC 11W 830 2P G24D	- kWh
929002440308	LED PLC 11W 840 2P G24D	- kWh
929002440408	LED PLC 11W 865 2P G24D	- 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
929001280108	LED PLC 8.5W 865 2P G24d-3	8.5 W
929001201408	LED PLC 6.5W 830 2P G24d-2	6.5 W
929001201508	LED PLC 6.5W 840 2P G24d-2	6.5 W
929001280208	LED PLC 6.5W 865 2P G24d-2	6.5 W
929001878908	LED PLC 7.5W 830 2P G24d	7.5 W
929001879008	LED PLC 7.5W 840 2P G24d	7.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
929001879108	LED PLC 7.5W 865 2P G24d	7.5 W
929001879208	LED PLC 9W 830 2P G24d	9 W
929001879308	LED PLC 9W 840 2P G24d	9 W
929001879408	LED PLC 9W 865 2P G24d	9 W
929002440208	LED PLC 11W 830 2P G24D	11 W
929002440308	LED PLC 11W 840 2P G24D	11 W
929002440408	LED PLC 11W 865 2P G24D	11 W

## General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
929001201208	LED PLC 8.5W 830 2P G24d-3	G24D-3	30000 h
929001201308	LED PLC 8.5W 840 2P G24d-3	G24D-3	30000 h
929001280108	LED PLC 8.5W 865 2P G24d-3	G24D-3	30000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
929001201408	LED PLC 6.5W 830 2P G24d-2	G24D-2	30000 h
929001201508	LED PLC 6.5W 840 2P G24d-2	G24D-2	30000 h
929001280208	LED PLC 6.5W 865 2P G24d-2	G24D-2	30000 h

## CorePro LED PLC 2P

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
929001878908	LED PLC 7.5W 830 2P G24d	G24D	15000 h
929001879008	LED PLC 7.5W 840 2P G24d	G24D	15000 h
929001879108	LED PLC 7.5W 865 2P G24d	G24D	15000 h
929001879208	LED PLC 9W 830 2P G24d	G24D	15000 h
929001879308	LED PLC 9W 840 2P G24d	G24D	15000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
929001879408	LED PLC 9W 865 2P G24d	G24D	15000 h
929002440208	LED PLC 11W 830 2P G24D	G24D	15000 h
929002440308	LED PLC 11W 840 2P G24D	G24D	15000 h
929002440408	LED PLC 11W 865 2P G24D	G24D	15000 h

### Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Colour Code	Correlated Colour	Colour Rendering
				Temperature (Nom)	Index (Nom)
929001201208	LED PLC 8.5W 830 2P G24d-3	120 °	830	3000 K	83
929001201308	LED PLC 8.5W 840 2P G24d-3	120 °	840	4000 K	83
929001280108	LED PLC 8.5W 865 2P G24d-3	120 °	865	6500 K	83
929001201408	LED PLC 6.5W 830 2P G24d-2	120 °	830	3000 K	83
929001201508	LED PLC 6.5W 840 2P G24d-2	120 °	840	4000 K	83
929001280208	LED PLC 6.5W 865 2P G24d-2	120 °	865	6500 K	83
929001878908	LED PLC 7.5W 830 2P G24d	240 °	830	3000 K	80
929001879008	LED PLC 7.5W 840 2P G24d	240 °	840	4000 K	80

Order Code	Full Product Name	Beam Angle (Nom)	Colour Code	Correlated Colour	Colour Rendering
				Temperature (Nom)	Index (Nom)
929001879108	LED PLC 7.5W 865 2P G24d	240 °	865	6500 K	80
929001879208	LED PLC 9W 830 2P G24d	240 °	830	3000 K	80
929001879308	LED PLC 9W 840 2P G24d	240 °	840	4000 K	80
929001879408	LED PLC 9W 865 2P G24d	240 °	865	6500 K	80
929002440208	LED PLC 11W 830 2P G24D	240 °	830	3000 K	80
929002440308	LED PLC 11W 840 2P G24D	240 °	840	4000 K	80
929002440408	LED PLC 11W 865 2P G24D	240 °	865	6500 K	80

### Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)
929001201208	LED PLC 8.5W 830 2P G24d-3	950 lm
929001201308	LED PLC 8.5W 840 2P G24d-3	1000 lm
929001280108	LED PLC 8.5W 865 2P G24d-3	1000 lm
929001201408	LED PLC 6.5W 830 2P G24d-2	650 lm
929001201508	LED PLC 6.5W 840 2P G24d-2	700 lm
929001280208	LED PLC 6.5W 865 2P G24d-2	700 lm
929001878908	LED PLC 7.5W 830 2P G24d	750 lm
929001879008	LED PLC 7.5W 840 2P G24d	806 lm

Order Code	Full Product Name	Luminous Flux (Nom)
929001879108	LED PLC 7.5W 865 2P G24d	806 lm
929001879208	LED PLC 9W 830 2P G24d	950 lm
929001879308	LED PLC 9W 840 2P G24d	1050 lm
929001879408	LED PLC 9W 865 2P G24d	1050 lm
929002440208	LED PLC 11W 830 2P G24D	1250 lm
929002440308	LED PLC 11W 840 2P G24D	1400 lm
929002440408	LED PLC 11W 865 2P G24D	1400 lm

### Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929001201208	LED PLC 8.5W 830 2P G24d-3	Tube, single-ended
929001201308	LED PLC 8.5W 840 2P G24d-3	Tube, single-ended
929001280108	LED PLC 8.5W 865 2P G24d-3	Tube, single-ended
929001201408	LED PLC 6.5W 830 2P G24d-2	Tube, single-ended
929001201508	LED PLC 6.5W 840 2P G24d-2	Tube, single-ended
929001280208	LED PLC 6.5W 865 2P G24d-2	Tube, single-ended
929001878908	LED PLC 7.5W 830 2P G24d	PL-C
929001879008	LED PLC 7.5W 840 2P G24d	PL-C

Order Code	Full Product Name	Bulb Shape
929001879108	LED PLC 7.5W 865 2P G24d	PL-C
929001879208	LED PLC 9W 830 2P G24d	PL-C
929001879308	LED PLC 9W 840 2P G24d	PL-C
929001879408	LED PLC 9W 865 2P G24d	PL-C
929002440208	LED PLC 11W 830 2P G24D	PL-C
929002440308	LED PLC 11W 840 2P G24D	PL-C
929002440408	LED PLC 11W 865 2P G24D	PL-C

# CorePro LED PLC 2P

## Temperature

Order Code	Full Product Name	T-Ambient (Max)	T-Case Maximum	
			(Max)	(Nom)
929001201208	LED PLC 8.5W 830 2P G24d-3	35 °C	75 °C	
929001201308	LED PLC 8.5W 840 2P G24d-3	35 °C	75 °C	
929001280108	LED PLC 8.5W 865 2P G24d-3	35 °C	75 °C	
929001201408	LED PLC 6.5W 830 2P G24d-2	35 °C	65 °C	
929001201508	LED PLC 6.5W 840 2P G24d-2	35 °C	65 °C	
929001280208	LED PLC 6.5W 865 2P G24d-2	35 °C	65 °C	
929001878908	LED PLC 7.5W 830 2P G24d	45 °C	64 °C	
929001879008	LED PLC 7.5W 840 2P G24d	45 °C	64 °C	
929001879108	LED PLC 7.5W 865 2P G24d	45 °C	64 °C	
929001879208	LED PLC 9W 830 2P G24d	45 °C	72 °C	
929001879308	LED PLC 9W 840 2P G24d	45 °C	72 °C	
929001879408	LED PLC 9W 865 2P G24d	45 °C	72 °C	
929002440208	LED PLC 11W 830 2P G24D	45 °C	67 °C	
929002440308	LED PLC 11W 840 2P G24D	45 °C	67 °C	
929002440408	LED PLC 11W 865 2P G24D	45 °C	67 °C	

