



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



8.5W G24d-3 2P

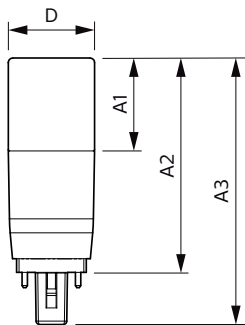
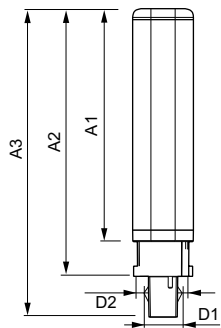


6.5W G24d-2 2P



LEDtube G24D

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
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	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
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	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

Approval and Application

Energy Efficiency Label (EEL) A+

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 50000X

Light Technical

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Shape Tube, single-ended

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
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	11 kWh
929001201208	LED PLC 8.5W 830 2P G24d-3	11 kWh
929001201302	CorePro LED PLC 8.5W 840 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
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	9 kWh
929001201408	LED PLC 6.5W 830 2P G24d-2	9 kWh
929001201502	CorePro LED PLC 6.5W 840 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	8 kWh
929001879008	LED PLC 7.5W 840 2P G24d	8 kWh
929001879108	LED PLC 7.5W 865 2P G24d	8 kWh
929001879208	LED PLC 9W 830 2P G24d	9 kWh
929001879308	LED PLC 9W 840 2P G24d	9 kWh
929001879408	LED PLC 9W 865 2P G24d	9 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	8.5 W
929001201208	LED PLC 8.5W 830 2P G24d-3	8.5 W
929001201302	CorePro LED PLC 8.5W 840 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
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	6.5 W
929001201408	LED PLC 6.5W 830 2P G24d-2	6.5 W
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	6.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
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
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

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	G24D-3	30000 h
929001201208	LED PLC 8.5W 830 2P G24d-3	G24D-3	30000 h
929001201302	CorePro LED PLC 8.5W 840 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
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	G24D-2	30000 h
929001201408	LED PLC 6.5W 830 2P G24d-2	G24D-2	30000 h
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	G24D-2	30000 h

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

Light Technical (1/2)

CorePro LED PLC 2P

Order Code	Full Product Name	Beam	Correlated Color		Color
		Angle (Nom)	Color Code	Temperature (Nom)	Rendering Index (Nom)
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	120 °	830	3000 K	83
929001201208	LED PLC 8.5W 830 2P G24d-3	120 °	830	3000 K	83
929001201302	CorePro LED PLC 8.5W 840 2P G24d-3	120 °	840	4000 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
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	120 °	830	3000 K	83
929001201408	LED PLC 6.5W 830 2P G24d-2	120 °	830	3000 K	83
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	120 °	840	4000 K	83

Order Code	Full Product Name	Beam	Correlated Color		Color
		Angle (Nom)	Color Code	Temperature (Nom)	Rendering Index (Nom)
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
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

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	950 lm
929001201208	LED PLC 8.5W 830 2P G24d-3	950 lm
929001201302	CorePro LED PLC 8.5W 840 2P G24d-3	1000 lm
929001201308	LED PLC 8.5W 840 2P G24d-3	1000 lm
929001280108	LED PLC 8.5W 865 2P G24d-3	1000 lm
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	650 lm
929001201408	LED PLC 6.5W 830 2P G24d-2	650 lm
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	700 lm

Order Code	Full Product Name	Luminous Flux (Nom)
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
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

Temperature

Order Code	Full Product Name	T-Ambient (Max)	T-Case Maximum (Nom)
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	35 °C	75 °C
929001201208	LED PLC 8.5W 830 2P G24d-3	35 °C	75 °C
929001201302	CorePro LED PLC 8.5W 840 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
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	35 °C	65 °C
929001201408	LED PLC 6.5W 830 2P G24d-2	35 °C	65 °C
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	35 °C	65 °C

Order Code	Full Product Name	T-Ambient (Max)	T-Case Maximum (Nom)
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	80 °C
929001879008	LED PLC 7.5W 840 2P G24d	45 °C	80 °C
929001879108	LED PLC 7.5W 865 2P G24d	45 °C	80 °C
929001879208	LED PLC 9W 830 2P G24d	45 °C	85 °C
929001879308	LED PLC 9W 840 2P G24d	45 °C	85 °C
929001879408	LED PLC 9W 865 2P G24d	45 °C	85 °C

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