



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 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
- 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

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Versions

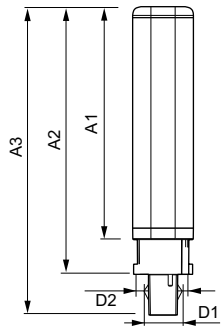


8.5W G24d-3 2P



6.5W G24d-2 2P

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

CorePro LED PLC 2P

Controls and Dimming

Dimmable	No
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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
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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
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	9 kWh
929001201208	LED PLC 8.5W 830 2P G24d-3	11 kWh
929001201302	CorePro LED PLC 8.5W 840 2P G24d-3	9 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	7 kWh
929001201408	LED PLC 6.5W 830 2P G24d-2	9 kWh
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	7 kWh
929001201508	LED PLC 6.5W 840 2P G24d-2	9 kWh
929001280208	LED PLC 6.5W 865 2P G24d-2	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

Order Code	Full Product Name	Power (Rated) (Nom)
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
929001201508	LED PLC 6.5W 840 2P G24d-2	6.5 W
929001280208	LED PLC 6.5W 865 2P G24d-2	6.5 W

General Information

Order Code	Full Product Name	Cap-Base
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	G24D-3
929001201208	LED PLC 8.5W 830 2P G24d-3	G24D-3
929001201302	CorePro LED PLC 8.5W 840 2P G24d-3	G24D-3
929001201308	LED PLC 8.5W 840 2P G24d-3	G24D-3
929001280108	LED PLC 8.5W 865 2P G24d-3	G24D-3

Order Code	Full Product Name	Cap-Base
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	G24D-2
929001201408	LED PLC 6.5W 830 2P G24d-2	G24D-2
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	G24D-2
929001201508	LED PLC 6.5W 840 2P G24d-2	G24D-2
929001280208	LED PLC 6.5W 865 2P G24d-2	G24D-2

Light Technical

CorePro LED PLC 2P

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	830	3000 K	950 lm
929001201208	LED PLC 8.5W 830 2P G24d-3	830	3000 K	950 lm
929001201302	CorePro LED PLC 8.5W 840 2P G24d-3	840	4000 K	1000 lm
929001201308	LED PLC 8.5W 840 2P G24d-3	840	4000 K	1000 lm
929001280108	LED PLC 8.5W 865 2P G24d-3	865	6500 K	1000 lm

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	830	3000 K	650 lm
929001201408	LED PLC 6.5W 830 2P G24d-2	830	3000 K	650 lm
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	840	4000 K	700 lm
929001201508	LED PLC 6.5W 840 2P G24d-2	840	4000 K	700 lm
929001280208	LED PLC 6.5W 865 2P G24d-2	865	6500 K	700 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001201202	CorePro LED PLC 8.5W 830 2P G24d-3	75 °C
929001201208	LED PLC 8.5W 830 2P G24d-3	75 °C
929001201302	CorePro LED PLC 8.5W 840 2P G24d-3	75 °C
929001201308	LED PLC 8.5W 840 2P G24d-3	75 °C
929001280108	LED PLC 8.5W 865 2P G24d-3	75 °C
929001201402	CorePro LED PLC 6.5W 830 2P G24d-2	65 °C
929001201408	LED PLC 6.5W 830 2P G24d-2	65 °C
929001201502	CorePro LED PLC 6.5W 840 2P G24d-2	65 °C
929001201508	LED PLC 6.5W 840 2P G24d-2	65 °C
929001280208	LED PLC 6.5W 865 2P G24d-2	65 °C

