



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



CorePro LED PLC 100mm 5W G24D-1

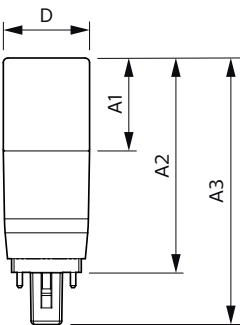
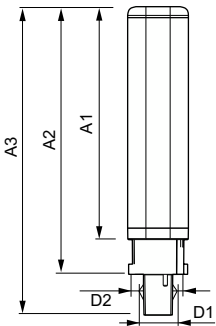
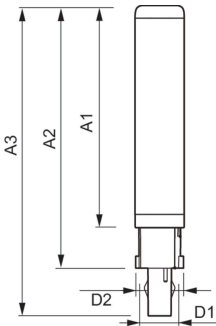


SPPR MLEDGA 0025



LEDtube PLC 11W G24D

Dimensional drawing



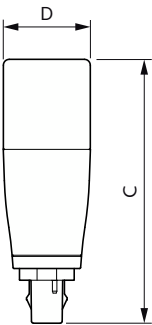
Product	D1	D2	A1	A2	A3
LED PLC 6.5W 830 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm
LED PLC 6.5W 840 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm
LED PLC 6.5W 865 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

Product	D1	D2	A1	A2	A3
LED PLC 4.5W 830 2P G24d-1	24.3 mm	28.4 mm	95.8 mm	115 mm	137.6 mm
LED PLC 4.5W 865 2P G24d-1	24.3 mm		115 mm	95.8 mm	137.6 mm
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 840 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

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

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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

General Information	
Switching Cycle	50,000
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PL-C

General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001878908	LED PLC 7.5W 830 2P G24d	G24d	15,000 hour(s)
929001879008	LED PLC 7.5W 840 2P G24d	G24d	15,000 hour(s)
929001879108	LED PLC 7.5W 865 2P G24d	G24d	15,000 hour(s)
929001879208	LED PLC 9W 830 2P G24d	G24d	15,000 hour(s)
929001879308	LED PLC 9W 840 2P G24d	G24d	15,000 hour(s)
929001879408	LED PLC 9W 865 2P G24d	G24d	15,000 hour(s)
929001350708	LED PLC 4.5W 830 2P G24d-1	G24d-1	30,000 hour(s)
929001350908	LED PLC 4.5W 865 2P G24d-1	G24d-1	30,000 hour(s)

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001201408	LED PLC 6.5W 830 2P G24d-2	G24d-2	30,000 hour(s)
929001201508	LED PLC 6.5W 840 2P G24d-2	G24d-2	30,000 hour(s)
929001280208	LED PLC 6.5W 865 2P G24d-2	G24d-2	30,000 hour(s)
929001201208	LED PLC 8.5W 830 2P G24d-3	G24d-3	30,000 hour(s)
929001201308	LED PLC 8.5W 840 2P G24d-3	G24d-3	30,000 hour(s)
929001280108	LED PLC 8.5W 865 2P G24d-3	G24d-3	30,000 hour(s)
929002440308	LED PLC 11W 840 2P G24D	G24d	15,000 hour(s)
929002440408	LED PLC 11W 865 2P G24D	G24d	15,000 hour(s)

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929001878908	LED PLC 7.5W 830 2P G24d	240 degree(s)	3000 K	80	830	750 lm
929001879008	LED PLC 7.5W 840 2P G24d	240 degree(s)	4000 K	80	840	806 lm
929001879108	LED PLC 7.5W 865 2P G24d	240 degree(s)	6500 K	80	865	806 lm
929001879208	LED PLC 9W 830 2P G24d	240 degree(s)	3000 K	80	830	950 lm
929001879308	LED PLC 9W 840 2P G24d	240 degree(s)	4000 K	80	840	1,050 lm

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Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929001879408	LED PLC 9W 865 2P G24d	240 degree(s)	6500 K	80	865	1,050 lm
929001350708	LED PLC 4.5W 830 2P G24d-1	120 degree(s)	3000 K	83	830	475 lm
929001350908	LED PLC 4.5W 865 2P G24d-1	120 degree(s)	6500 K	83	865	500 lm
929001201408	LED PLC 6.5W 830 2P G24d-2	120 degree(s)	3000 K	83	830	650 lm
929001201508	LED PLC 6.5W 840 2P G24d-2	120 degree(s)	4000 K	83	840	700 lm
929001280208	LED PLC 6.5W 865 2P G24d-2	120 degree(s)	6500 K	83	865	700 lm
929001201208	LED PLC 8.5W 830 2P G24d-3	120 degree(s)	3000 K	83	830	950 lm
929001201308	LED PLC 8.5W 840 2P G24d-3	120 degree(s)	4000 K	83	840	1,000 lm
929001280108	LED PLC 8.5W 865 2P G24d-3	120 degree(s)	6500 K	83	865	1,000 lm
929002440308	LED PLC 11W 840 2P G24D	240 degree(s)	4000 K	80	840	1,400 lm
929002440408	LED PLC 11W 865 2P G24D	240 degree(s)	6500 K	80	865	1,400 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
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
929001350708	LED PLC 4.5W 830 2P G24d-1	4.5 W
929001350908	LED PLC 4.5W 865 2P G24d-1	4.5 W

Order Code	Full Product Name	Power Consumption
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
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
929002440308	LED PLC 11W 840 2P G24D	11 W
929002440408	LED PLC 11W 865 2P G24D	11 W

Temperature

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929001878908	LED PLC 7.5W 830 2P G24d	-20 °C to 45 °C	64 °C
929001879008	LED PLC 7.5W 840 2P G24d	-20 °C to 45 °C	64 °C
929001879108	LED PLC 7.5W 865 2P G24d	-20 °C to 45 °C	64 °C
929001879208	LED PLC 9W 830 2P G24d	-20 °C to 45 °C	72 °C
929001879308	LED PLC 9W 840 2P G24d	-20 °C to 45 °C	72 °C
929001879408	LED PLC 9W 865 2P G24d	-20 °C to 45 °C	72 °C
929001350708	LED PLC 4.5W 830 2P G24d-1	-20 °C to 35 °C	70 °C
929001350908	LED PLC 4.5W 865 2P G24d-1	-20 °C to 35 °C	70 °C

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929001201408	LED PLC 6.5W 830 2P G24d-2	-20 °C to 35 °C	65 °C
929001201508	LED PLC 6.5W 840 2P G24d-2	-20 °C to 35 °C	65 °C
929001280208	LED PLC 6.5W 865 2P G24d-2	-20 °C to 35 °C	65 °C
929001201208	LED PLC 8.5W 830 2P G24d-3	-20 °C to 35 °C	75 °C
929001201308	LED PLC 8.5W 840 2P G24d-3	-20 °C to 35 °C	75 °C
929001280108	LED PLC 8.5W 865 2P G24d-3	-20 °C to 35 °C	75 °C
929002440308	LED PLC 11W 840 2P G24D	-20 °C to 45 °C	67 °C
929002440408	LED PLC 11W 865 2P G24D	-20 °C to 45 °C	67 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929001878908	LED PLC 7.5W 830 2P G24d	-
929001879008	LED PLC 7.5W 840 2P G24d	-

Order Code	Full Product Name	Bulb Finish
929001879108	LED PLC 7.5W 865 2P G24d	-
929001879208	LED PLC 9W 830 2P G24d	-

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Order Code	Full Product Name	Bulb Finish
929001879308	LED PLC 9W 840 2P G24d	-
929001879408	LED PLC 9W 865 2P G24d	-
929001350708	LED PLC 4.5W 830 2P G24d-1	Frosted
929001350908	LED PLC 4.5W 865 2P G24d-1	Frosted
929001201408	LED PLC 6.5W 830 2P G24d-2	-
929001201508	LED PLC 6.5W 840 2P G24d-2	-

Order Code	Full Product Name	Bulb Finish
929001280208	LED PLC 6.5W 865 2P G24d-2	-
929001201208	LED PLC 8.5W 830 2P G24d-3	-
929001201308	LED PLC 8.5W 840 2P G24d-3	-
929001280108	LED PLC 8.5W 865 2P G24d-3	-
929002440308	LED PLC 11W 840 2P G24D	-
929002440408	LED PLC 11W 865 2P G24D	-

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
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
929001350708	LED PLC 4.5W 830 2P G24d-1	5 kWh
929001350908	LED PLC 4.5W 865 2P G24d-1	-
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
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
929002440308	LED PLC 11W 840 2P G24D	- kWh
929002440408	LED PLC 11W 865 2P G24D	- kWh

