



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

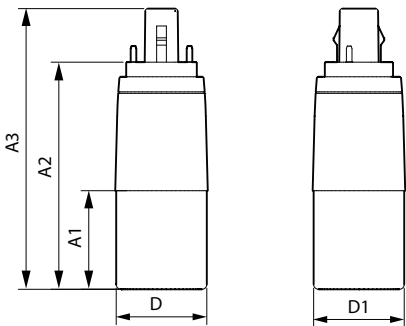
CorePro LED PLC 2P

Versions

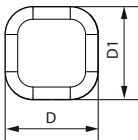
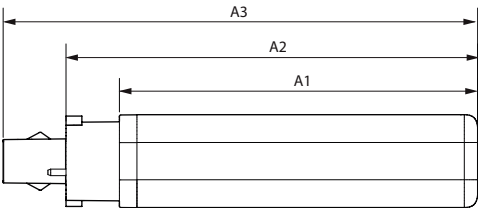


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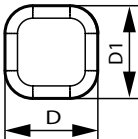
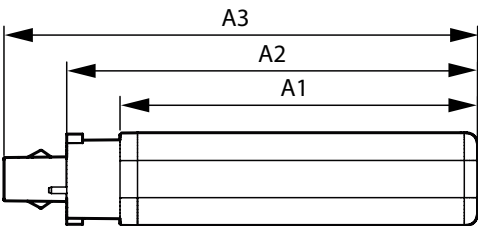
Dimensional drawing



Product	D1	D	A1	A2	A3
LED PLC 11W 830 2P G24D	45 mm	45 mm	46 mm	113 mm	135 mm
LED PLC 11W 840 2P G24D	45 mm	45 mm	46 mm	113 mm	135 mm
LED PLC 11W 865 2P G24D	45 mm	45 mm	46 mm	113 mm	135 mm



Product	D1	D2	A1	A2	A3
LED PLC 5.9W 830 2P G24d-1	34 mm	34 mm	95 mm	115 mm	138 mm
LED PLC 6.9W 830 2P G24d-2	34 mm	34 mm	106 mm	125 mm	148 mm
LED PLC 6.9W 840 2P G24d-2	34 mm	34 mm	106 mm	125 mm	148 mm
LED PLC 6.9W 865 2P G24d-2	34 mm	34 mm	106 mm	125 mm	148 mm
LED PLC 8.9W 830 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm
LED PLC 8.9W 840 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm
LED PLC 8.9W 865 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm



Product	D1	D	A1	A2	A3
CorePro LED PLC 4.5W 840 2P G24d-1	34 mm	34 mm	95 mm	115 mm	138 mm
LED PLC 6.5W 830 2P G24d-2	34 mm	34 mm	106 mm	125 mm	148 mm
LED PLC 6.5W 840 2P G24d-2	34 mm	34 mm	106 mm	125 mm	148 mm
LED PLC 8.5W 830 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm
LED PLC 8.5W 840 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm
LED PLC 8.5W 865 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm

CorePro LED PLC 2P

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
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	Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001350802	CorePro LED PLC 4.5W 840 2P G24d-1	G24d-1	30,000 hour(s)	929001201208	LED PLC 8.5W 830 2P G24d-3	G24d-3	30,000 hour(s)
929003757008	LED PLC 5.9W 830 2P G24d-1	G24d-1	30,000 hour(s)	929001201308	LED PLC 8.5W 840 2P G24d-3	G24d-3	30,000 hour(s)
929001201408	LED PLC 6.5W 830 2P G24d-2	G24d-2	30,000 hour(s)	929001280108	LED PLC 8.5W 865 2P G24d-3	G24d-3	30,000 hour(s)
929001201508	LED PLC 6.5W 840 2P G24d-2	G24d-2	30,000 hour(s)	929003757408	LED PLC 8.9W 830 2P G24d-3	G24d-3	30,000 hour(s)
929003757208	LED PLC 6.9W 830 2P G24d-2	G24d-2	30,000 hour(s)	929003757508	LED PLC 8.9W 840 2P G24d-3	G24d-3	30,000 hour(s)
929003757308	LED PLC 6.9W 840 2P G24d-2	G24d-2	30,000 hour(s)	929002440208	LED PLC 11W 830 2P G24D	G24d	15,000 hour(s)
929003820208	LED PLC 6.9W 865 2P G24d-2	G24d-2	30,000 hour(s)	929002440308	LED PLC 11W 840 2P G24D	G24d	15,000 hour(s)
929003820308	LED PLC 8.9W 865 2P G24d-3	G24d-3	30,000 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
929001350802	CorePro LED PLC 4.5W 840 2P G24d-1	120 degree(s)	4000 K	83	840	500 lm
929003757008	LED PLC 5.9W 830 2P G24d-1	120 degree(s)	3000 K	82	830	600 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
929003757208	LED PLC 6.9W 830 2P G24d-2	120 degree(s)	3000 K	82	830	700 lm
929003757308	LED PLC 6.9W 840 2P G24d-2	120 degree(s)	4000 K	82	840	770 lm
929003820208	LED PLC 6.9W 865 2P G24d-2	120 degree(s)	6500 K	82	865	770 lm
929003820308	LED PLC 8.9W 865 2P G24d-3	120 degree(s)	6500 K	82	865	1,100 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
929003757408	LED PLC 8.9W 830 2P G24d-3	120 degree(s)	3000 K	82	830	990 lm
929003757508	LED PLC 8.9W 840 2P G24d-3	120 degree(s)	4000 K	82	840	1,100 lm
929002440208	LED PLC 11W 830 2P G24D	240 degree(s)	3000 K	80	830	1,250 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

CorePro LED PLC 2P

Order Code	Full Product Name	Line Frequency	Power	Wattage
			Consumption	Equivalent
929001350802	CorePro LED PLC	50 to 60 Hz	4.5 W	-
	4.5W 840 2P			
	G24d-1			
929003757008	LED PLC 5.9W 830	-	5.9 W	13 W
	2P G24d-1			
929001201408	LED PLC 6.5W 830	50 to 60 Hz	6.5 W	-
	2P G24d-2			
929001201508	LED PLC 6.5W 840	50 to 60 Hz	6.5 W	-
	2P G24d-2			
929003757208	LED PLC 6.9W 830	-	6.9 W	18 W
	2P G24d-2			
929003757308	LED PLC 6.9W 840	-	6.9 W	18 W
	2P G24d-2			
929003820208	LED PLC 6.9W 865	-	6.9 W	18 W
	2P G24d-2			
929003820308	LED PLC 8.9W 865	-	8.9 W	26 W
	2P G24d-3			

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001350802	CorePro LED PLC 4.5W 840 2P G24d-1	60 °C
929003757008	LED PLC 5.9W 830 2P G24d-1	75 °C
929001201408	LED PLC 6.5W 830 2P G24d-2	65 °C
929001201508	LED PLC 6.5W 840 2P G24d-2	65 °C
929003757208	LED PLC 6.9W 830 2P G24d-2	75 °C
929003757308	LED PLC 6.9W 840 2P G24d-2	75 °C
929003820208	LED PLC 6.9W 865 2P G24d-2	75 °C
929003820308	LED PLC 8.9W 865 2P G24d-3	75 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929001350802	CorePro LED PLC 4.5W 840 2P G24d-1	-
929003757008	LED PLC 5.9W 830 2P G24d-1	Frosted
929001201408	LED PLC 6.5W 830 2P G24d-2	-
929001201508	LED PLC 6.5W 840 2P G24d-2	-
929003757208	LED PLC 6.9W 830 2P G24d-2	Frosted
929003757308	LED PLC 6.9W 840 2P G24d-2	Frosted
929003820208	LED PLC 6.9W 865 2P G24d-2	Frosted
929003820308	LED PLC 8.9W 865 2P G24d-3	Frosted

Approval and Application

Order Code	Full Product Name	Ambient temperature	Energy
		range	Consumption kWh/1000 h
929001350802	CorePro LED PLC 4.5W	-20 °C to 35 °C	5 kWh
	840 2P G24d-1		

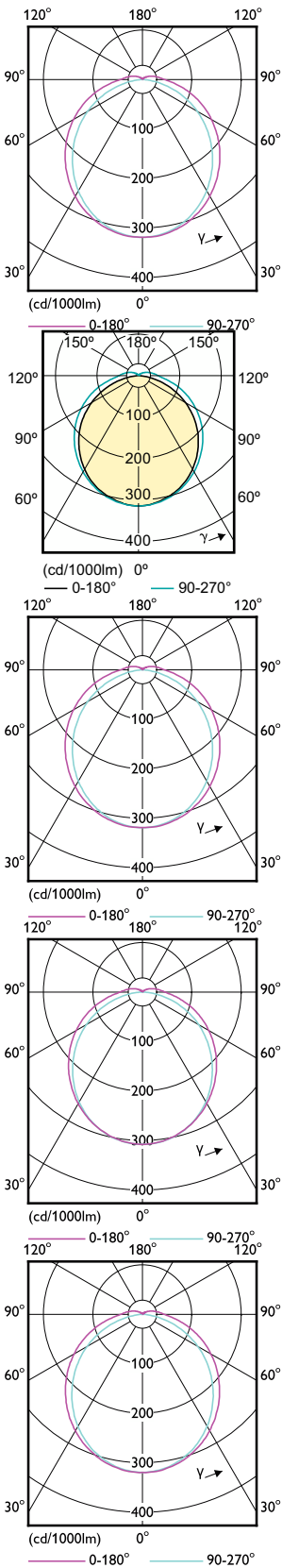
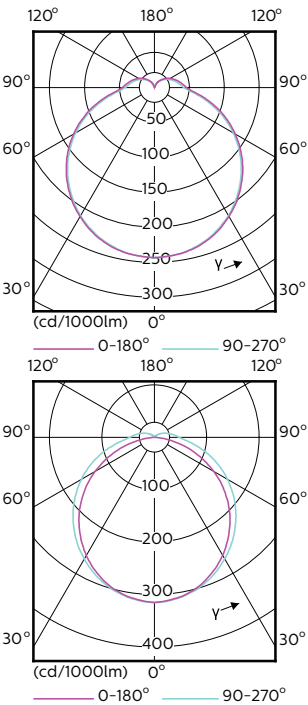
Order Code	Full Product Name	Line Frequency	Power	Wattage
			Consumption	Equivalent
929001201208	LED PLC 8.5W 830	50 to 60 Hz	8.5 W	-
	2P G24d-3			
929001201308	LED PLC 8.5W 840	50 to 60 Hz	8.5 W	-
	2P G24d-3			
929001280108	LED PLC 8.5W 865	50 to 60 Hz	8.5 W	-
	2P G24d-3			
929003757408	LED PLC 8.9W 830	-	8.9 W	26 W
	2P G24d-3			
929003757508	LED PLC 8.9W 840	-	8.9 W	26 W
	2P G24d-3			
929002440208	LED PLC 11W 830	50 to 60 Hz	11 W	-
	2P G24D			
929002440308	LED PLC 11W 840	50 to 60 Hz	11 W	-
	2P G24D			
929002440408	LED PLC 11W 865	50 to 60 Hz	11 W	-
	2P G24D			

Order Code	Full Product Name	T-Case Maximum (Nom)
929001201208	LED PLC 8.5W 830 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
929003757408	LED PLC 8.9W 830 2P G24d-3	75 °C
929003757508	LED PLC 8.9W 840 2P G24d-3	75 °C
929002440208	LED PLC 11W 830 2P G24D	67 °C
929002440308	LED PLC 11W 840 2P G24D	67 °C
929002440408	LED PLC 11W 865 2P G24D	67 °C

Order Code	Full Product Name	Bulb Finish
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	-
929003757408	LED PLC 8.9W 830 2P G24d-3	Frosted
929003757508	LED PLC 8.9W 840 2P G24d-3	Frosted
929002440208	LED PLC 11W 830 2P G24D	-
929002440308	LED PLC 11W 840 2P G24D	-
929002440408	LED PLC 11W 865 2P G24D	-

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Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929001201408	LED PLC 6.5W 830 2P G24d-2	-20 °C to 35 °C	9 kWh
929001201508	LED PLC 6.5W 840 2P G24d-2	-20 °C to 35 °C	9 kWh
929003757208	LED PLC 6.9W 830 2P G24d-2	-20 to +35 °C	-
929003757308	LED PLC 6.9W 840 2P G24d-2	-20 to +35 °C	-
929003820208	LED PLC 6.9W 865 2P G24d-2	-20 to +35 °C	-
929003820308	LED PLC 8.9W 865 2P G24d-3	-20 to +35 °C	-
929001201208	LED PLC 8.5W 830 2P G24d-3	-20 °C to 35 °C	11 kWh
929001201308	LED PLC 8.5W 840 2P G24d-3	-20 °C to 35 °C	11 kWh
929001280108	LED PLC 8.5W 865 2P G24d-3	-20 °C to 35 °C	11 kWh
929003757408	LED PLC 8.9W 830 2P G24d-3	-20 to +35 °C	-
929003757508	LED PLC 8.9W 840 2P G24d-3	-20 to +35 °C	-
929002440208	LED PLC 11W 830 2P G24D	-20 °C to 45 °C	-
929002440308	LED PLC 11W 840 2P G24D	-20 °C to 45 °C	-
929002440408	LED PLC 11W 865 2P G24D	-20 °C to 45 °C	-



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