



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

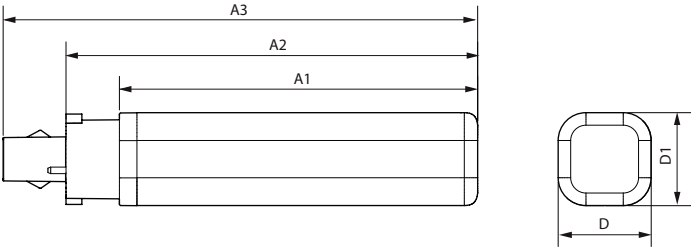
- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

Application

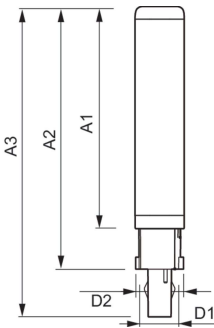
- Hospitality, retail, office, industrial and home applications

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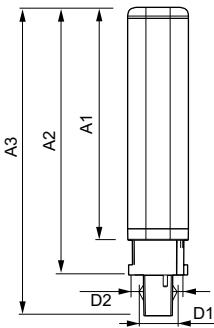
Dimensional drawing



Product	D1	A1	A2	A3
LED PLC 6.9W 830 2P G24d-2	34 mm	106 mm	125 mm	148 mm
LED PLC 6.9W 840 2P G24d-2	34 mm	106 mm	125 mm	148 mm
LED PLC 8.9W 830 2P G24d-3	34 mm	129 mm	148 mm	171 mm
LED PLC 8.9W 840 2P G24d-3	34 mm	129 mm	148 mm	171 mm



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 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

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General Information	
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	120 degree(s)
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
929001201408	LED PLC 6.5W 830 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
929003757208	LED PLC 6.9W 830 2P G24d-2	G24d-2
929003757308	LED PLC 6.9W 840 2P G24d-2	G24d-2
929001201208	LED PLC 8.5W 830 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
929003757408	LED PLC 8.9W 830 2P G24d-3	G24d-3
929003757508	LED PLC 8.9W 840 2P G24d-3	G24d-3

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929001201408	LED PLC 6.5W 830 2P G24d-2	3000 K	83	830	650 lm
929001201508	LED PLC 6.5W 840 2P G24d-2	4000 K	83	840	700 lm
929001280208	LED PLC 6.5W 865 2P G24d-2	6500 K	83	865	700 lm
929003757208	LED PLC 6.9W 830 2P G24d-2	3000 K	82	830	700 lm
929003757308	LED PLC 6.9W 840 2P G24d-2	4000 K	82	840	770 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929001201208	LED PLC 8.5W 830 2P G24d-3	3000 K	83	830	950 lm
929001201308	LED PLC 8.5W 840 2P G24d-3	4000 K	83	840	1,000 lm
929001280108	LED PLC 8.5W 865 2P G24d-3	6500 K	83	865	1,000 lm
929003757408	LED PLC 8.9W 830 2P G24d-3	3000 K	82	830	990 lm
929003757508	LED PLC 8.9W 840 2P G24d-3	4000 K	82	840	1,100 lm

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent
929001201408	LED PLC 6.5W 830 2P G24d-2	50 to 60 Hz	6.5 W	-
929001201508	LED PLC 6.5W 840 2P G24d-2	50 to 60 Hz	6.5 W	-
929001280208	LED PLC 6.5W 865 2P G24d-2	50 to 60 Hz	6.5 W	-
929003757208	LED PLC 6.9W 830 2P G24d-2	-	6.9 W	18 W
929003757308	LED PLC 6.9W 840 2P G24d-2	-	6.9 W	18 W

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

Temperature

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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
929003757208	LED PLC 6.9W 830 2P G24d-2	-20 to +35 °C	75 °C
929003757308	LED PLC 6.9W 840 2P G24d-2	-20 to +35 °C	75 °C

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
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
929003757408	LED PLC 8.9W 830 2P G24d-3	-20 to +35 °C	75 °C
929003757508	LED PLC 8.9W 840 2P G24d-3	-20 to +35 °C	75 °C

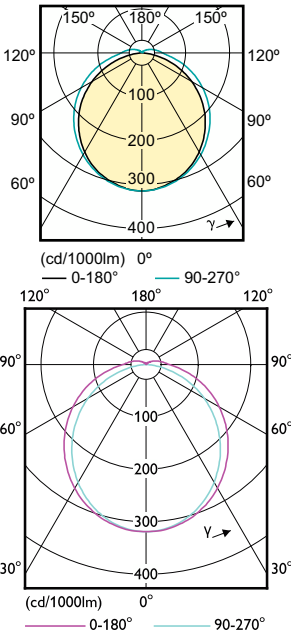
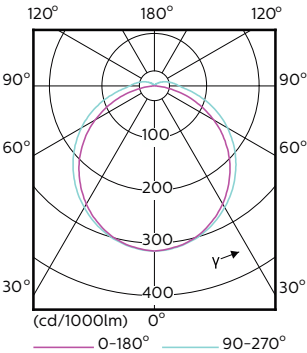
Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929001201408	LED PLC 6.5W 830 2P G24d-2	-
929001201508	LED PLC 6.5W 840 2P G24d-2	-
929001280208	LED PLC 6.5W 865 2P G24d-2	-
929003757208	LED PLC 6.9W 830 2P G24d-2	Frosted
929003757308	LED PLC 6.9W 840 2P G24d-2	Frosted

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

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
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
929003757208	LED PLC 6.9W 830 2P G24d-2	-
929003757308	LED PLC 6.9W 840 2P G24d-2	-
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
929003757408	LED PLC 8.9W 830 2P G24d-3	-
929003757508	LED PLC 8.9W 840 2P G24d-3	-



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