



The new generation of energy-saving LED PLC 2P tube lighting

CorePro LED PLC 2P

The 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
- The fastest and easiest way to upgrade existing luminaires to LED technology
- Completely safe product and installation process

Features

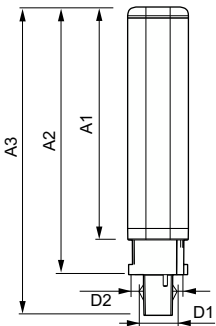
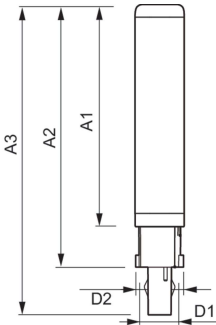
- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

Application

- Hospitality, retail, office, industrial and home applications

CorePro LED PLC 2P

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

Product	D1	D2	A1	A2	A3
CorePro LED PLC 4.5W 830 2P G24d-1	24.3 mm	28.4 mm	95.8 mm	115 mm	137.6 mm
CorePro LED PLC 4.5W 840 2P G24d-1	24.3 mm	28.4 mm	95.8 mm	115 mm	137.6 mm
CorePro LED PLC 8.5W 830 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm
CorePro LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

General Information	
Switching Cycle	50,000
Nominal lifetime	30,000 h
Light Technical	
Beam angle (nom.)	120 degree(s)
Colour rendering index (CRI)	83
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
Temperature	
Ambient temperature range	-20°C to 35°C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	PL-C

General Information

Order Code	Full Product Name	Cap base
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	G24d-1
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	G24d-1
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	G24d-2
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	G24d-2
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	G24d-3
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	G24d-3

Light Technical

CorePro LED PLC 2P

Order Code	Full Product Name	Correlated Colour	Colour	
		Temperature	Code	Luminous Flux
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	3000 K	830	475 lm
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	4000 K	840	500 lm
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	3000 K	830	650 lm

Order Code	Full Product Name	Correlated Colour	Colour	
		Temperature	Code	Luminous Flux
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	4000 K	840	700 lm
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	3000 K	830	950 lm
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	4000 K	840	1,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	4.5 W
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	4.5 W
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	6.5 W

Order Code	Full Product Name	Power Consumption
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	6.5 W
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	8.5 W
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	8.5 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	60 °C
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	60 °C
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	65 °C

Order Code	Full Product Name	T-Case maximum (nom.)
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	65 °C
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	75 °C
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	75 °C

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000
		hours
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	5 kWh
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	5 kWh
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	7 kWh
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	7 kWh
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	9 kWh
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	9 kWh

