



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 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
- 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

Versions



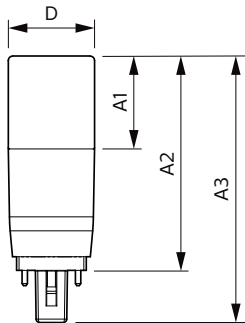
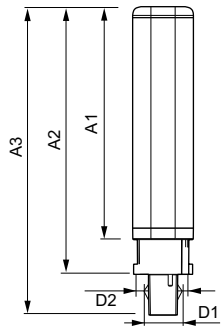
8.5W G24d-3 2P



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

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

Switching Cycle	50,000X
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Light Technical

Llmf At End Of Nominal Lifetime (Nom)	70 %
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Temperature

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	Energy Efficiency Label (EEL)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	11 kWh	A+
66999000	LED PLC 8.5W 830 2P G24d-3	11 kWh	A+
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	11 kWh	A+
67001900	LED PLC 8.5W 840 2P G24d-3	11 kWh	A+
66995200	LED PLC 8.5W 865 2P G24d-3	11 kWh	A+
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	9 kWh	A+
67003300	LED PLC 6.5W 830 2P G24d-2	9 kWh	A+
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	9 kWh	A+
67005700	LED PLC 6.5W 840 2P G24d-2	9 kWh	A+
66997600	LED PLC 6.5W 865 2P G24d-2	9 kWh	A+
81016300	LED PLC 7.5W 830 2P G24d	- kWh	Not applicable
81018700	LED PLC 7.5W 840 2P G24d	- kWh	Not applicable
81020000	LED PLC 7.5W 865 2P G24d	- kWh	Not applicable
81022400	LED PLC 9W 830 2P G24d	- kWh	Not applicable
81024800	LED PLC 9W 840 2P G24d	- kWh	Not applicable
81026200	LED PLC 9W 865 2P G24d	- kWh	Not applicable

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	8.5 W
66999000	LED PLC 8.5W 830 2P G24d-3	8.5 W
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	8.5 W
67001900	LED PLC 8.5W 840 2P G24d-3	8.5 W
66995200	LED PLC 8.5W 865 2P G24d-3	8.5 W
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	6.5 W
67003300	LED PLC 6.5W 830 2P G24d-2	6.5 W
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	6.5 W

Order Code	Full Product Name	Power (Rated) (Nom)
67005700	LED PLC 6.5W 840 2P G24d-2	6.5 W
66997600	LED PLC 6.5W 865 2P G24d-2	6.5 W
81016300	LED PLC 7.5W 830 2P G24d	7.5 W
81018700	LED PLC 7.5W 840 2P G24d	7.5 W
81020000	LED PLC 7.5W 865 2P G24d	7.5 W
81022400	LED PLC 9W 830 2P G24d	9 W
81024800	LED PLC 9W 840 2P G24d	9 W
81026200	LED PLC 9W 865 2P G24d	9 W

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	G24D-3	30000 h
66999000	LED PLC 8.5W 830 2P G24d-3	G24D-3	30000 h
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	G24D-3	30000 h
67001900	LED PLC 8.5W 840 2P G24d-3	G24D-3	30000 h
66995200	LED PLC 8.5W 865 2P G24d-3	G24D-3	30000 h
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	G24D-2	30000 h
67003300	LED PLC 6.5W 830 2P G24d-2	G24D-2	30000 h
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	G24D-2	30000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)
67005700	LED PLC 6.5W 840 2P G24d-2	G24D-2	30000 h
66997600	LED PLC 6.5W 865 2P G24d-2	G24D-2	30000 h
81016300	LED PLC 7.5W 830 2P G24d	G24D	15000 h
81018700	LED PLC 7.5W 840 2P G24d	G24D	15000 h
81020000	LED PLC 7.5W 865 2P G24d	G24D	15000 h
81022400	LED PLC 9W 830 2P G24d	G24D	15000 h
81024800	LED PLC 9W 840 2P G24d	G24D	15000 h
81026200	LED PLC 9W 865 2P G24d	G24D	15000 h

Light Technical (1/2)

CorePro LED PLC 2P

Order Code	Full Product Name	Beam	Correlated		Colour Rendering Index (Nom)
		Angle (Nom)	Colour Code	Colour Temperature (Nom)	
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	120 °	830	3000 K	83
66999000	LED PLC 8.5W 830 2P G24d-3	120 °	830	3000 K	83
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	120 °	841	4000 K	83
67001900	LED PLC 8.5W 840 2P G24d-3	120 °	841	4000 K	83
66995200	LED PLC 8.5W 865 2P G24d-3	120 °	865	6500 K	83
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	120 °	830	3000 K	83
67003300	LED PLC 6.5W 830 2P G24d-2	120 °	830	3000 K	83
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	120 °	841	4000 K	83

Order Code	Full Product Name	Beam	Correlated		Colour Rendering Index (Nom)
		Angle (Nom)	Colour Code	Colour Temperature (Nom)	
67005700	LED PLC 6.5W 840 2P G24d-2	120 °	841	4000 K	83
66997600	LED PLC 6.5W 865 2P G24d-2	120 °	865	6500 K	83
81016300	LED PLC 7.5W 830 2P G24d	240 °	830	3000 K	80
81018700	LED PLC 7.5W 840 2P G24d	240 °	841	4000 K	80
81020000	LED PLC 7.5W 865 2P G24d	240 °	865	6500 K	80
81022400	LED PLC 9W 830 2P G24d	240 °	830	3000 K	80
81024800	LED PLC 9W 840 2P G24d	240 °	841	4000 K	80
81026200	LED PLC 9W 865 2P G24d	240 °	865	6500 K	80

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	950 lm
66999000	LED PLC 8.5W 830 2P G24d-3	950 lm
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	1000 lm
67001900	LED PLC 8.5W 840 2P G24d-3	1000 lm
66995200	LED PLC 8.5W 865 2P G24d-3	1000 lm
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	650 lm
67003300	LED PLC 6.5W 830 2P G24d-2	650 lm
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	700 lm

Order Code	Full Product Name	Luminous Flux (Nom)
67005700	LED PLC 6.5W 840 2P G24d-2	700 lm
66997600	LED PLC 6.5W 865 2P G24d-2	700 lm
81016300	LED PLC 7.5W 830 2P G24d	750 lm
81018700	LED PLC 7.5W 840 2P G24d	806 lm
81020000	LED PLC 7.5W 865 2P G24d	806 lm
81022400	LED PLC 9W 830 2P G24d	950 lm
81024800	LED PLC 9W 840 2P G24d	1050 lm
81026200	LED PLC 9W 865 2P G24d	1050 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	Tube, single-ended
66999000	LED PLC 8.5W 830 2P G24d-3	Tube, single-ended
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	Tube, single-ended
67001900	LED PLC 8.5W 840 2P G24d-3	Tube, single-ended
66995200	LED PLC 8.5W 865 2P G24d-3	Tube, single-ended
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	Tube, single-ended
67003300	LED PLC 6.5W 830 2P G24d-2	Tube, single-ended
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	Tube, single-ended

Order Code	Full Product Name	Bulb Shape
67005700	LED PLC 6.5W 840 2P G24d-2	Tube, single-ended
66997600	LED PLC 6.5W 865 2P G24d-2	Tube, single-ended
81016300	LED PLC 7.5W 830 2P G24d	PL-C
81018700	LED PLC 7.5W 840 2P G24d	PL-C
81020000	LED PLC 7.5W 865 2P G24d	PL-C
81022400	LED PLC 9W 830 2P G24d	PL-C
81024800	LED PLC 9W 840 2P G24d	PL-C
81026200	LED PLC 9W 865 2P G24d	PL-C

Temperature

CorePro LED PLC 2P

Order Code	Full Product Name	T-Ambient (Max)	T-Case Maximum	
			(Max)	(Nom)
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	35 °C	35 °C	75 °C
66999000	LED PLC 8.5W 830 2P G24d-3	35 °C	35 °C	75 °C
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	35 °C	35 °C	75 °C
67001900	LED PLC 8.5W 840 2P G24d-3	35 °C	35 °C	75 °C
66995200	LED PLC 8.5W 865 2P G24d-3	35 °C	35 °C	75 °C
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	35 °C	35 °C	65 °C
67003300	LED PLC 6.5W 830 2P G24d-2	35 °C	35 °C	65 °C
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	35 °C	35 °C	65 °C
67005700	LED PLC 6.5W 840 2P G24d-2	35 °C	35 °C	65 °C
66997600	LED PLC 6.5W 865 2P G24d-2	35 °C	35 °C	65 °C
81016300	LED PLC 7.5W 830 2P G24d	45 °C	45 °C	64 °C
81018700	LED PLC 7.5W 840 2P G24d	45 °C	45 °C	64 °C
81020000	LED PLC 7.5W 865 2P G24d	45 °C	45 °C	64 °C
81022400	LED PLC 9W 830 2P G24d	45 °C	45 °C	72 °C
81024800	LED PLC 9W 840 2P G24d	45 °C	45 °C	72 °C
81026200	LED PLC 9W 865 2P G24d	45 °C	45 °C	72 °C

