



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



CorePro LED PLC 3 CCT 2P G24d 20241203

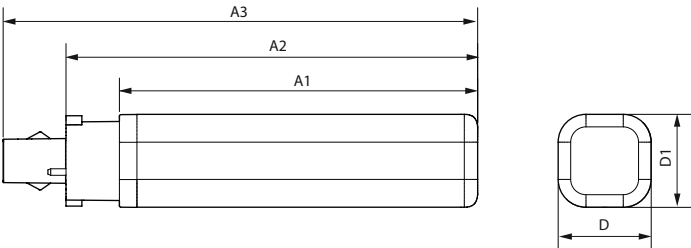


Product standard image

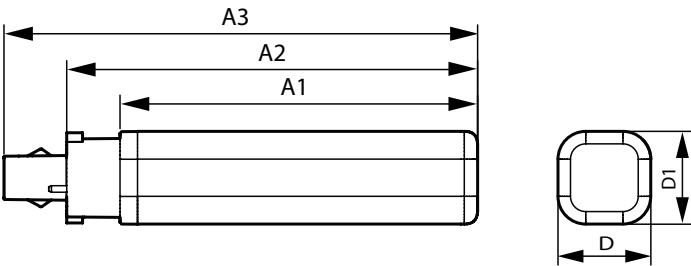


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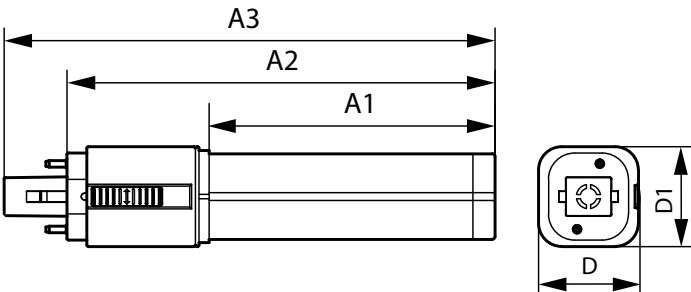
Dimensional drawing



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



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



Product	D1	D	A1	A2	A3
CorePro LED PLC 360D 5.9W 3 CCT 2P G24d	35 mm	35 mm	65 mm	115 mm	137 mm
CorePro LED PLC 360D 6.9W 3 CCT 2P G24d	35 mm	35 mm	70 mm	120 mm	142 mm
CorePro LED PLC 360D 8.9W 3 CCT 2P G24d	35 mm	35 mm	100 mm	150 mm	172 mm

CorePro LED PLC 2P

General Information	
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
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	Order Code	Full Product Name	Cap-Base
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	G24d-1	28756300	CorePro LED PLC 6.9W 840 2P G24d-2	G24d-2
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	G24d-1	54123400	CorePro LED PLC 8.5W 830 2P G24d-3	G24d-3
28750100	CorePro LED PLC 5.9W 830 2P G24d-1	G24d-1	54125800	CorePro LED PLC 8.5W 840 2P G24d-3	G24d-3
28752500	CorePro LED PLC 5.9W 840 2P G24d-1	G24d-1	28758700	CorePro LED PLC 8.9W 830 2P G24d-3	G24d-3
03501100	CorePro LED PLC 360D 5.9W 3CCT 2P G24d	G24d	28760000	CorePro LED PLC 8.9W 840 2P G24d-3	G24d-3
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	G24d-2	03503500	CorePro LED PLC 360D 6.9W 3CCT 2P G24d	G24d
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	G24d-2	03505900	CorePro LED PLC 360D 8.9W 3CCT 2P G24d	G24d
28754900	CorePro LED PLC 6.9W 830 2P G24d-2	G24d-2			

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	120 degree(s)	3000 K	83	830	475 lm
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	120 degree(s)	4000 K	83	840	500 lm
28750100	CorePro LED PLC 5.9W 830 2P G24d-1	120 degree(s)	3000 K	82	830	600 lm
28752500	CorePro LED PLC 5.9W 840 2P G24d-1	120 degree(s)	4000 K	82	840	660 lm
03501100	CorePro LED PLC 360D 5.9W 3CCT 2P G24d	360 degree(s)	3000 K	82	3000/4000/6500	810 lm
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	120 degree(s)	3000 K	83	830	650 lm
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	120 degree(s)	4000 K	83	840	700 lm
28754900	CorePro LED PLC 6.9W 830 2P G24d-2	120 degree(s)	3000 K	82	830	700 lm
28756300	CorePro LED PLC 6.9W 840 2P G24d-2	120 degree(s)	4000 K	82	840	770 lm
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	120 degree(s)	3000 K	83	830	950 lm
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	120 degree(s)	4000 K	83	840	1,000 lm
28758700	CorePro LED PLC 8.9W 830 2P G24d-3	120 degree(s)	3000 K	82	830	990 lm
28760000	CorePro LED PLC 8.9W 840 2P G24d-3	120 degree(s)	4000 K	82	840	1,100 lm
03503500	CorePro LED PLC 360D 6.9W 3CCT 2P G24d	360 degree(s)	3000 K	82	3000/4000/6500	930 lm
03505900	CorePro LED PLC 360D 8.9W 3CCT 2P G24d	360 degree(s)	3000 K	82	3000/4000/6500	1,240 lm

Operating and Electrical

CorePro LED PLC 2P

Order Code	Full Product Name	Line Frequency	Power Consumption
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	50 to 60 Hz	4.5 W
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	50 to 60 Hz	4.5 W
28750100	CorePro LED PLC 5.9W 830 2P G24d-1	-	5.9 W
28752500	CorePro LED PLC 5.9W 840 2P G24d-1	-	5.9 W
03501100	CorePro LED PLC 360D 5.9W 3CCT 2P G24d	-	5.9 W
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	50 to 60 Hz	6.5 W
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	50 to 60 Hz	6.5 W
28754900	CorePro LED PLC 6.9W 830 2P G24d-2	-	6.9 W

Order Code	Full Product Name	Line Frequency	Power Consumption
28756300	CorePro LED PLC 6.9W 840 2P G24d-2	-	6.9 W
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	50 to 60 Hz	8.5 W
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	50 to 60 Hz	8.5 W
28758700	CorePro LED PLC 8.9W 830 2P G24d-3	-	8.9 W
28760000	CorePro LED PLC 8.9W 840 2P G24d-3	-	8.9 W
03503500	CorePro LED PLC 360D 6.9W 3CCT 2P G24d	-	6.9 W
03505900	CorePro LED PLC 360D 8.9W 3CCT 2P G24d	-	8.9 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
28750100	CorePro LED PLC 5.9W 830 2P G24d-1	75 °C
28752500	CorePro LED PLC 5.9W 840 2P G24d-1	75 °C
03501100	CorePro LED PLC 360D 5.9W 3CCT 2P G24d	75 °C
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	65 °C
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	65 °C
28754900	CorePro LED PLC 6.9W 830 2P G24d-2	75 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
28756300	CorePro LED PLC 6.9W 840 2P G24d-2	75 °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
28758700	CorePro LED PLC 8.9W 830 2P G24d-3	75 °C
28760000	CorePro LED PLC 8.9W 840 2P G24d-3	75 °C
03503500	CorePro LED PLC 360D 6.9W 3CCT 2P G24d	75 °C
03505900	CorePro LED PLC 360D 8.9W 3CCT 2P G24d	75 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	-
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	-
28750100	CorePro LED PLC 5.9W 830 2P G24d-1	Frosted
28752500	CorePro LED PLC 5.9W 840 2P G24d-1	Frosted
03501100	CorePro LED PLC 360D 5.9W 3CCT 2P G24d	Frosted
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	-
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	-
28754900	CorePro LED PLC 6.9W 830 2P G24d-2	Frosted

Order Code	Full Product Name	Bulb Finish
28756300	CorePro LED PLC 6.9W 840 2P G24d-2	Frosted
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	-
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	-
28758700	CorePro LED PLC 8.9W 830 2P G24d-3	Frosted
28760000	CorePro LED PLC 8.9W 840 2P G24d-3	Frosted
03503500	CorePro LED PLC 360D 6.9W 3CCT 2P G24d	Frosted
03505900	CorePro LED PLC 360D 8.9W 3CCT 2P G24d	Frosted

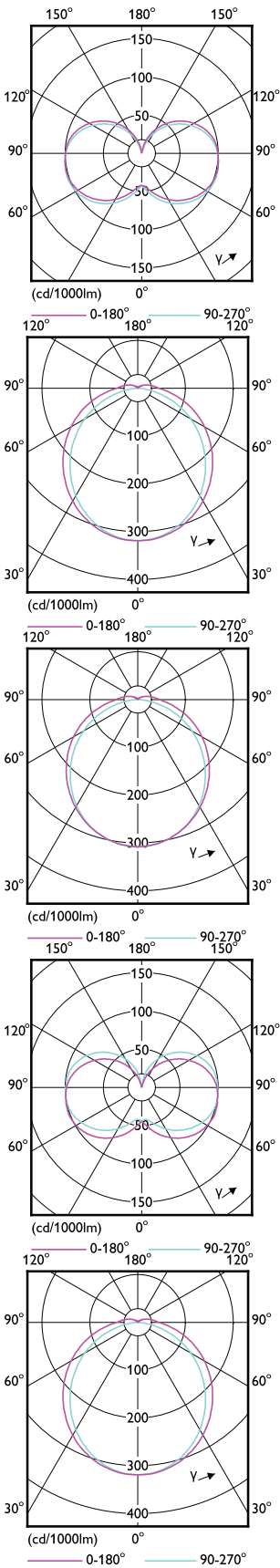
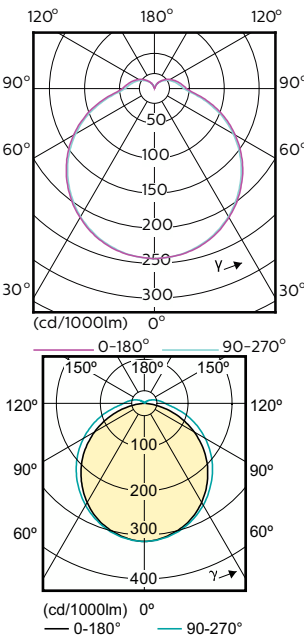
Approval and Application

Order Code	Full Product Name	Ambient temperature	Energy
		range	Consumption kWh/1000 h
70659600	CorePro LED PLC 4.5W 830 2P G24d-1	-20 °C to 35 °C	5 kWh
70661900	CorePro LED PLC 4.5W 840 2P G24d-1	-20 °C to 35 °C	5 kWh

Order Code	Full Product Name	Ambient temperature	Energy
		range	Consumption kWh/1000 h
28750100	CorePro LED PLC 5.9W 830 2P G24d-1	-20 to +35 °C	6 kWh
28752500	CorePro LED PLC 5.9W 840 2P G24d-1	-20 to +35 °C	6 kWh

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Order Code	Full Product Name	Ambient temperature range	Energy
			Consumption kWh/1000 h
03501100	CorePro LED PLC 360D 5.9W 3CCT 2P G24d	-20 to +35 °C	6 kWh
54127200	CorePro LED PLC 6.5W 830 2P G24d-2	-20 °C to 35 °C	7 kWh
54129600	CorePro LED PLC 6.5W 840 2P G24d-2	-20 °C to 35 °C	7 kWh
28754900	CorePro LED PLC 6.9W 830 2P G24d-2	-20 to +35 °C	7 kWh
28756300	CorePro LED PLC 6.9W 840 2P G24d-2	-20 to +35 °C	7 kWh
54123400	CorePro LED PLC 8.5W 830 2P G24d-3	-20 °C to 35 °C	9 kWh
54125800	CorePro LED PLC 8.5W 840 2P G24d-3	-20 °C to 35 °C	9 kWh
28758700	CorePro LED PLC 8.9W 830 2P G24d-3	-20 to +35 °C	9 kWh
28760000	CorePro LED PLC 8.9W 840 2P G24d-3	-20 to +35 °C	9 kWh
03503500	CorePro LED PLC 360D 6.9W 3CCT 2P G24d	-20 to +35 °C	7 kWh
03505900	CorePro LED PLC 360D 8.9W 3CCT 2P G24d	-20 to +35 °C	9 kWh



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