



The new generation of energy-saving LED PLL tube lighting

CorePro LED PLL

Philips CorePro LED PLL is the ideal uplamping solution for downlights & luminaires in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

Benefits

- Reduced operational cost thanks to a lower energy consumption than conventional PLL lamps, as well as lower maintenance cost thanks to a 2-3 times longer lifetime than conventional lamps
- Simple lamp-for-lamp replacement, re-using the existing fixture without major modifications, using a similar PLL form-factor
- Fastest and easiest way to upgrade existing luminaires to LED technology

Features

- High quality of light, no flickering nor stroboscopic effect
- Instant 100% light
- Choice of 3000 K, 4000 K & 6500 K

Application

- Hospitality
- Retail
- Office (stairways, corridors)
- Industrial areas

CorePro LED PLL

Versions

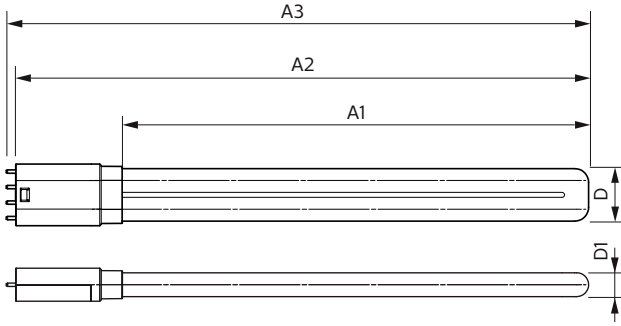


CorePro LED PLC 400mm 17W
2G11 830 2000lm



LEDtube PLL HF 24W 2G11 830 4P
24D ND

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 16.5W 830 4P 2G11	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm
CorePro LED PLL HF 16.5W 840 4P 2G11	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm

Product	D	D1	A1	A2	A3
CorePro LED PLL HF 24W 865 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm

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General Information

Cap-Base	2G11
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)

Light Technical

Beam Angle (Nom)	160 degree(s)
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Starting Time (Nom)	0.5 s
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Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	PL-L
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Light Technical

Order Code	Full Product Name	Correlated Color	Color	Luminous Flux
		Temperature (Nom)	Code	
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	3000 K	830	2,000 lm
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	4000 K	840	2,100 lm
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	6500 K	865	3,400 lm

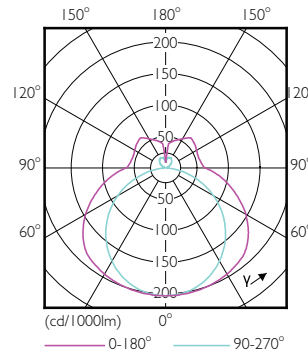
Operating and Electrical

Order Code	Full Product			Power
	Name	Input Frequency	Line Frequency	Consumption
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	39000-71000 Hz	39000-71000 Hz	16.5 W
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	39000-71000 Hz	39000-71000 Hz	16.5 W

Order Code	Full Product			Power
	Name	Input Frequency	Line Frequency	Consumption
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	17 kWh
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	17 kWh
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	24 kWh



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