PHILIPS Lighting



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

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

Application

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

CorePro LED PLL

Versions



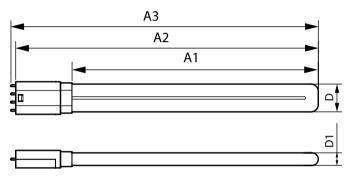
PHILIPS		

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

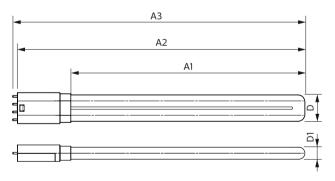
LEDtube COR PLL EU 12W 2G11

LEDtube COR PLL EU 8W 2G11

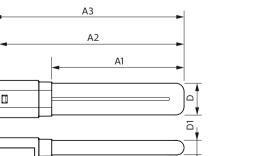
Dimensional drawing



Product	D1	D	A1	A2	A3
CorePro LED PLL HF 16.5W 840 4P 2G11	17 mm	38 mm	330 mm	405 mm	412 mm
CorePro LED PLL HF 16.5W 865 4P 2G11	17 mm	38 mm	330 mm	405 mm	412 mm



Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 12W 830 4P 2G11	17 mm	38 mm	250 mm	312 mm	319 mm
CorePro LED PLL HF 12W 840 4P 2G11	17 mm	38 mm	250 mm	312 mm	319 mm
CorePro LED PLL HF 24W 865 4P 2G11	17 mm	38 mm	453 mm	528 mm	535 mm



Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 8W 830 4P 2G11	17 mm	38 mm	155 mm	217 mm	224 mm
CorePro LED PLL HF 8W 840 4P 2G11	17 mm	38 mm	155 mm	217 mm	224 mm

intensional drawing

CorePro LED PLL

General Information	
Cap-Base	2G11
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	160 degree(s)
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Starting Time (Nom)	0.5 s
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PL-L
Approval and Application	
Ambient temperature range	-20 °C to 45 °C

Light Technical

			Color		
		Correlated Color	rendering	Color	
Order Code	Full Product Name	Temperature (Nom)	index (CRI)	Code	Luminous Flux
929001381602	CorePro LED PLL HF 16.5W	4000 K	83	840	2,100 lm
	840 4P 2G11				
929001381702	CorePro LED PLL HF 16.5W	6500 K	83	865	2,100 lm
	865 4P 2G11				
929001920602	CorePro LED PLL HF 24W 865	6500 K	83	865	3,400 lm
	4P 2G11				
929003579002	CorePro LED PLL HF 12W 830	3000 K	80	830	1,440 lm
	4P 2G11				
929003579102	CorePro LED PLL HF 12W 840	4000 K	80	840	1,500 lm
	4P 2G11				
929003578802	CorePro LED PLL HF 8W 830	3000 K	80	830	960 lm
	4P 2G11				
929003578902	CorePro LED PLL HF 8W 840	4000 K	80	840	1,000 lm
	4P 2G11				

Operating and Electrical

roduct							
		Power		Full Product			Power
Input Freq	ency Line Frequency	Consumption	Order Code	Name	Input Frequency	Line Frequency	Consumption
ro LED 39000-710	00 39000-71000	16.5 W	92900357910	2 CorePro LED	20K-80K Hz	20K-80K Hz	12 W
F 16.5W Hz	Hz			PLL HF 12W 840			
P 2G11				4P 2G11			
ro LED 39000-710	00 39000-71000	16.5 W	9290035788	02 CorePro LED	20K-80K Hz	20K-80K Hz	8 W
F 16.5W Hz	Hz			PLL HF 8W 830			
P 2G11				4P 2G11			
ro LED 20000-70	2000-70000	24 W	9290035789	02 CorePro LED	20K-80K Hz	20K-80K Hz	8 W
F 24W Hz	Hz			PLL HF 8W 840			
P 2G11				4P 2G11			
ro LED 20K-80K H	z 20K-80K Hz	12 W					
F 12W 830							
11							
	rro LED 39000-710 F 16.5W Hz P 2G11 rro LED 39000-710 F 16.5W Hz P 2G11 rro LED 20000-700 F 24W Hz P 2G11	Image: Non-Street of Street of St	Into LED 39000-71000 39000-71000 16.5 W F 16.5W Hz Hz Hz P 2G11	iro LED 39000-71000 39000-71000 16.5 W 92900357910 F 16.5W Hz Hz 12 ro LED 39000-71000 39000-71000 16.5 W 92900357880 ro LED 39000-71000 39000-71000 16.5 W 92900357880 ro LED 20000-70000 20000-70000 24 W 92900357890 ro LED 20000-70000 20000-70000 24 W 92900357890 F 24W Hz Hz 12 W 12 W ro LED 20K-80K Hz 20K-80K Hz 12 W	Tro LED 39000-71000 39000-71000 16.5 W 929003579102 CorePro LED P 2G11 Hz Hz PLL HF 12W 840 4P 2G11 Tro LED 39000-71000 39000-71000 16.5 W 929003578802 CorePro LED P 2G11 Hz Hz PLL HF 12W 840 4P 2G11 Tro LED 39000-71000 16.5 W 929003578802 CorePro LED P 2G11 Hz Hz PLL HF 8W 830 4P 2G11 Tro LED 2000-70000 2000-70000 24 W 929003578902 CorePro LED P 2G11 Hz Hz Hz PLL HF 8W 840 4P 2G11 P 2G11 V Y Y Y Y Y Tro LED 20K-80K Hz 20K-80K Hz 12 W Y Y F 12W 830 Y Y Y Y Y Y	into LED 39000-71000 39000-71000 16.5 W P 2G11 Hz Hz PLL HF 12W 840 into LED 39000-71000 39000-71000 16.5 W P 2G11 Image: Second Sec	ino LED 39000-71000 39000-71000 16.5 W F 16.5W Hz Hz P2 ro LED 39000-71000 16.5 W P 2G11

Mechanical and Housing

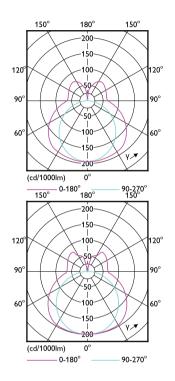
Order Code	Full Product Name	Bulb Finish
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	-
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	-
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	-
929003579002	CorePro LED PLL HF 12W 830 4P 2G11	Frosted

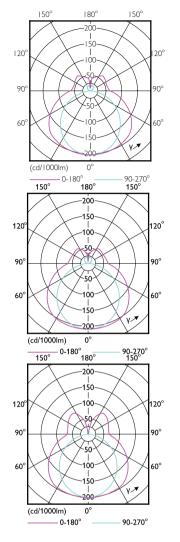
Order Code	Full Product Name	Bulb Finish
929003579102	CorePro LED PLL HF 12W 840 4P 2G11	Frosted
929003578802	CorePro LED PLL HF 8W 830 4P 2G11	Frosted
929003578902	CorePro LED PLL HF 8W 840 4P 2G11	Frosted

Approval and Application

CorePro LED PLL

		Energy Consumption kWh/
Order Code	Full Product Name	1000 h
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	17 kWh
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	17 kWh
929001920602	CorePro LED PLL HF 24W 865 4P 2G11	24 kWh
929003579002	CorePro LED PLL HF 12W 830 4P 2G11	12 kWh
929003579102	CorePro LED PLL HF 12W 840 4P 2G11	12 kWh
929003578802	CorePro LED PLL HF 8W 830 4P 2G11	8 kWh
929003578902	CorePro LED PLL HF 8W 840 4P 2G11	8 kWh







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