



The new generation of energy-saving LED PLL tube lighting

CorePro LED PLL

Philips CorePro LED PLL is the ideal uplampping 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

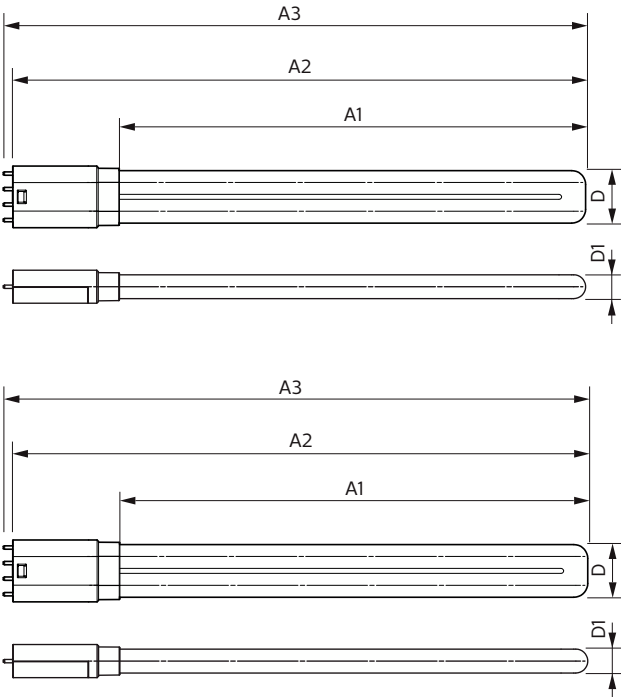
- High quality of light, no flickering nor stroboscoping effect
- Instant 100% light
- Choice of 3000 K, 4000 K & 6500 K

Application

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

CorePro LED PLL

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
CorePro LED PLL HF 16.5W 865 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 830 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm
CorePro LED PLL HF 24W 840 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm
CorePro LED PLL HF 24W 865 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm

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
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PL-L

Light Technical

		Correlated Color	
Order Code	Full Product Name	Temperature (Nom)	Color Code Luminous Flux
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	3000 K	830 2,000 lm
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	4000 K	840 2,100 lm
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	6500 K	865 2,100 lm
82839700	CorePro LED PLL HF 24W 830 4P 2G11	3000 K	830 3,200 lm
82841000	CorePro LED PLL HF 24W 840 4P 2G11	4000 K	840 3,400 lm
82843400	CorePro LED PLL HF 24W 865 4P 2G11	6500 K	865 3,400 lm

Operating and Electrical

CorePro LED PLL

Full Product				Power
Order Code	Name	Input Frequency	Line Frequency	Consumption
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	39000-71000 Hz	39000-71000 Hz	16.5 W
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	39000-71000 Hz	39000-71000 Hz	16.5 W
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	39000-71000 Hz	39000-71000 Hz	16.5 W

Full Product				Power
Order Code	Name	Input Frequency	Line Frequency	Consumption
82839700	CorePro LED PLL HF 24W 830 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W
82841000	CorePro LED PLL HF 24W 840 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W
82843400	CorePro LED PLL HF 24W 865 4P 2G11	20000-70000 Hz	20000-70000 Hz	24 W

Approval and Application

Full Product Name		Energy Consumption kWh/1000 h
73966200	CorePro LED PLL HF 16.5W 830 4P 2G11	17 kWh
73974700	CorePro LED PLL HF 16.5W 840 4P 2G11	17 kWh
73976100	CorePro LED PLL HF 16.5W 865 4P 2G11	17 kWh
82839700	CorePro LED PLL HF 24W 830 4P 2G11	24 kWh
82841000	CorePro LED PLL HF 24W 840 4P 2G11	24 kWh
82843400	CorePro LED PLL HF 24W 865 4P 2G11	24 kWh

