



# 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 two to three 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
- The fastest and easiest way to upgrade existing luminaires to LED technology

### Features

- High quality of light, no flickering or stroboscopic effects
- Instant 100% light
- Choice of 3,000 K, 4,000 K & 6,500 K

### Application

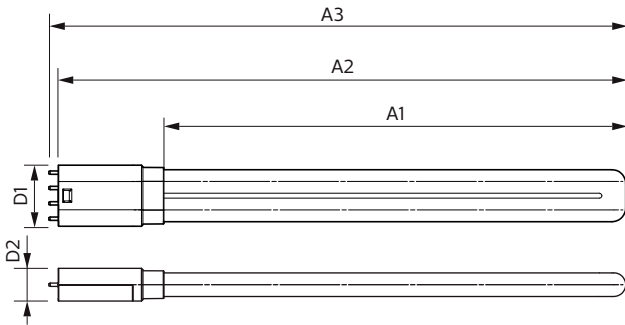
- Hospitality
- Retail
- Office (stairways, corridors)
- Industrial areas

# CorePro LED PLL

## Versions



## Dimensional drawing



Product	D1	D2	A1	A2	A3
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 830 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

# CorePro LED PLL

## Approval and Application

Energy Consumption kWh/1000 h	20 kWh
Energy Efficiency Label (EEL)	A+

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

Input Frequency	39000-71000 Hz
Voltage (Nom)	53-77 V
Power (Rated) (Nom)	16.5 W
Starting Time (Nom)	0.5 s

## General Information

Cap-Base	2G11
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50,000X

## Light Technical

Beam Angle (Nom)	160 °
Colour Rendering Index (Nom)	83
Llmf At End Of Nominal Lifetime (Nom)	70 %

## Mechanical and Housing

Bulb Shape	Tube, single-ended
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## Temperature

T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	70 °C
T-Storage (Max)	60 °C
T-Storage (Min)	-40 °C

## Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour Temperature (Nom)	Luminous Flux (Nom)
929001381502	CorePro LED PLL HF 16.5W 830 4P 2G11	830	3000 K	2000 lm
929001381602	CorePro LED PLL HF 16.5W 840 4P 2G11	840	4000 K	2100 lm
929001381702	CorePro LED PLL HF 16.5W 865 4P 2G11	865	6500 K	2100 lm

