# **PHILIPS** Lighting



# The new generation of energy-saving LED PLS tube lighting

# CorePro LED PLS

The Philips CorePro LED PLS 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 environment-friendly.

#### Benefits

- $\cdot$  Reduced operational cost thanks to lower energy consumption
- $\cdot$  Lower maintenance cost thanks to a 2-3 times longer lifetime than
- $\cdot$  conventional lamps
- The 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

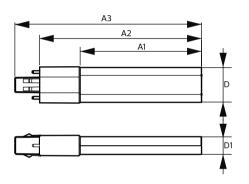
# CorePro LED PLS

### Versions



LEDtube CorePro PLS EM 5W G23 830 12D ND

## Dimensional drawing



Product	D	D1	A1	A2	A3
CorePro LED PLS 5W 830 2P G23	31.1 mm	15.8 mm	108 mm	144 mm	166 mm
CorePro LED PLS 5W 840 2P G23	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

# CorePro LED PLS

General Information			
Cap-Base	G23		
Switching Cycle	50,000		
Nominal lifetime	30,000 hour(s)		
Light Technical			
Beam Angle (Nom)	120 degree(s)		
Color rendering index (CRI)	82		
LLMF At End Of Nominal Lifetime	70 %		
(Nom)			
Operating and Electrical			
Input Frequency	50 to 60 Hz		
Line Frequency	50 to 60 Hz		
Power Consumption	5 W		
Starting Time (Nom)	0.5 s		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	83 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Shape	PL-S		
Approval and Application			
Energy Consumption kWh/1000 h	5 kWh		

#### 180° 120° 120<sup>°</sup> 90<sup>°</sup> 90° 50 1 60° 60° 100 150 200 50 30° 30° 300-(cd/1000lm) 0° 0-180° 90-270°

#### Light Technical

		Correlated Color Temperature		
Order Code	Full Product Name	(Nom)	Color Code	Luminous Flux
59666800	CorePro LED PLS 5W 830 2P G23	3000 K	830	520 lm
59668200	CorePro LED PLS 5W 840 2P G23	4000 K	840	550 lm



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