# **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 environmentally 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

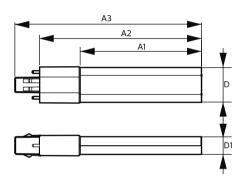
# CorePro LED PLS

### 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 h	
Light Technical		
Beam angle (nom.)	120 degree(s)	
Colour rendering index (CRI)	82	
LLMF at end of nominal lifetime (nom.)	70 %	
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/1,000 hours	5 kWh	



Order Code	Full Product Name	Correlated Colour Temperature	Colour 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

#### 90° 90° 50 | 100-60° 60° 150 200 250 30° 30 300 (cd/1000lm) 0° 0-180° 90-270°

180°

120°

120°



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