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
- Lower maintenance cost thanks to 2-3 times longer lifetime than
- \cdot conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED
- technology; completely safe product and installation process

Features

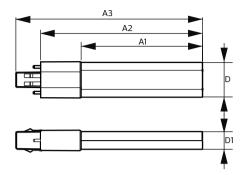
- Highly energy-efficient
- \cdot Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

Application

 $\boldsymbol{\cdot}$ Hospitality, retail, office, industrial and home applications

CorePro LED PLS

Dimensional drawing



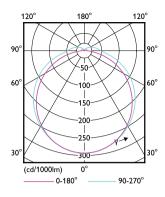
General Information			
Cap-Base	G23		
Switching Cycle	50,000		
Nominal lifetime	30,000 hour(s)		
Light Technical			
Beam Angle (Nom)	120 degree(s)		
Color rendering index (CRI)	82		
LLMF At End Of Nominal Lifetime	70 %		
(Nom)			
Operating and Electrical			
Input Frequency	50 to 60 Hz		
Line Frequency	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		

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

Light Technical

		Correlated Color Temperature		
Order Code	Full Product Name	(Nom)	Color Code	Luminous Flux
929001926302	CorePro LED PLS 5W 830 2P G23	3000 K	830	520 lm
929001926402	CorePro LED PLS 5W 840 2P G23	4000 K	840	550 lm

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www.lighting.philips.com 2023, August 2 - data subject to change