



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

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to a 2-3 times longer lifetime than conventional lamps
- The fastest and easiest way to upgrade existing luminaires to LED technology; completely safe product and installation process

Features

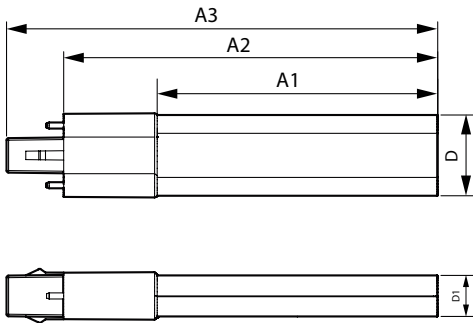
- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

Application

- Hospitality, retail, office, industrial and home applications

CorePro LED PLS

Dimensional drawing



Product	D1	D	A1	A2	A3
CorePro LED PLS 3.5W 830 2P G23	16 mm	31 mm	79 mm	115 mm	137 mm
CorePro LED PLS 3.5W 840 2P G23	16 mm	31 mm	79 mm	115 mm	137 mm
CorePro LED PLS 5W 830 2P G23	16 mm	31 mm	108 mm	144 mm	166 mm
CorePro LED PLS 5W 840 2P G23	16 mm	31 mm	108 mm	144 mm	166 mm

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
Starting time (nom.)	0.5 s

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Frosted
Bulb shape	PL-S

Approval and Application

Ambient temperature range	-20 to +45 °C
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Light Technical

Order Code	Full Product Name	Correlated Colour		
		Temperature (Nom)	Colour Code	Luminous Flux
929003756802	CorePro LED PLS 5W 830 2P G23	3000 K	830	520 lm
929003756902	CorePro LED PLS 5W 840 2P G23	4000 K	840	550 lm
929003756602	CorePro LED PLS 3.5W 830 2P G23	3000 K	830	360 lm
929003756702	CorePro LED PLS 3.5W 840 2P G23	4000 K	840	390 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929003756802	CorePro LED PLS 5W 830 2P G23	5 W
929003756902	CorePro LED PLS 5W 840 2P G23	5 W

Order Code	Full Product Name	Power Consumption
929003756602	CorePro LED PLS 3.5W 830 2P G23	3.5 W
929003756702	CorePro LED PLS 3.5W 840 2P G23	3.5 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
929003756802	CorePro LED PLS 5W 830 2P G23	50 °C
929003756902	CorePro LED PLS 5W 840 2P G23	50 °C

Order Code	Full Product Name	T-Case maximum (nom.)
929003756602	CorePro LED PLS 3.5W 830 2P G23	45 °C
929003756702	CorePro LED PLS 3.5W 840 2P G23	45 °C

Approval and Application

CorePro LED PLS

Order Code	Full Product Name	Energy consumption kWh/1,000	
		hours	hours
929003756802	CorePro LED PLS 5W 830 2P G23	5 kWh	
929003756902	CorePro LED PLS 5W 840 2P G23	5 kWh	
929003756602	CorePro LED PLS 3.5W 830 2P G23	4 kWh	
929003756702	CorePro LED PLS 3.5W 840 2P G23	4 kWh	

