



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

- 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

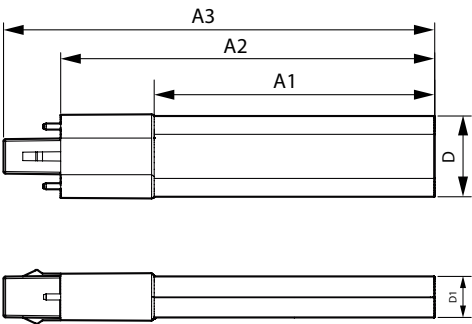
CorePro LED PLS

Versions



LEDtube CorePro PLS EM 5W G23
830 12D ND

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 hour(s)
Light Technical	
Beam Angle (Nom)	120 degree(s)
Color 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
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	PL-S
Approval and Application	
Ambient temperature range	-20 to +45 °C

Light Technical

		Correlated Color		
Order Code	Full Product Name	Temperature (Nom)	Color 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

Order Code	Full Product Name	Energy Consumption kWh/1000 h
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

