PHILIPS Lighting



The new generation of energy-saving LED PLC 4P tube lighting

CorePro LED PLC 4P

The CorePro LED PLC 4P 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
- Lower maintenance cost thanks to 2-3 times longer lifetime than 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

Hospitality, retail, office, industrial and home applications

CorePro LED PLC 4P

Versions

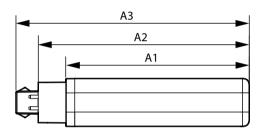




SPPR MLEDGA 0026

SPPR_MLEDGA_0028-Product photo

Dimensional drawing





Product	D1	D	A1	A2	A3
CorePro LED PLC 6.5W 830 4P G24q-2	34 mm	34 mm	105 mm	125 mm	141 mm
CorePro LED PLC 6.5W 840 4P G24q-2	34 mm	34 mm	105 mm	125 mm	141 mm
CorePro LED PLC 9W 840 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

General Information	
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	120 degree(s)
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	30000-80000 Hz
Line Frequency	30000-80000 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PL-C
Approval and Application	
Ambient temperature range	-20 °C to 35 °C

General Information

Order Code	Full Product Name	Cap-Base
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	G24q-2
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	G24q-2
929001200902	CorePro LED PLC 9W 840 4P G24q-3	G24q-3

CorePro LED PLC 4P

Light Technical

		Correlated Color		
		Temperature	Color	
Order Code	Full Product Name	(Nom)	Code	Luminous Flux
929001201002	CorePro LED PLC 6.5W	3000 K	830	650 lm
	830 4P G24q-2			
929001201102	CorePro LED PLC 6.5W	4000 K	840	700 lm
	840 4P G24q-2			

		Correlated Color		
		Temperature	Color	
Order Code	Full Product Name	(Nom)	Code	Luminous Flux
929001200902	CorePro LED PLC 9W	4000 K	840	1,000 lm
	840 4P G24q-3			

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	6.5 W
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	6.5 W

Order Code	Full Product Name	Power Consumption
929001200902	CorePro LED PLC 9W 840 4P G24q-3	9 W

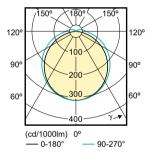
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	66 °C
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	66 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001200902	CorePro LED PLC 9W 840 4P G24q-3	76 °C

Approval and Application

		Energy Consumption kWh/
Order Code	Full Product Name	1000 h
929001201002	CorePro LED PLC 6.5W 830 4P G24q-2	7 kWh
929001201102	CorePro LED PLC 6.5W 840 4P G24q-2	7 kWh
929001200902	CorePro LED PLC 9W 840 4P G24q-3	9 kWh





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