



CorePro LED PLC

CorePro LED PLC CorePro LED PLC 4.5W 840 4P G24q-1

Philips CorePro LED PLC is the ideal uplamping solution for downlights in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

Product data

General Information					
Cap base	G24Q-1 [G24q-1]				
Nominal lifetime (nom.)	30000 h				
Switching cycle	50000X				
B50L70	30000 h				
Light Technical					
Colour code	840 [CCT of 4,000 K]				
Luminous flux (nom.)	500 lm				
Luminous flux (rated) (nom.)	500 lm				
Correlated colour temperature (nom.)	4000 K				
Colour consistency	<6				
Color rendering index (nom.)	83				
LLMF at end of nominal lifetime (nom.) 70 %					
Operating and Electrical					
Input frequency	30000-80000 Hz				
Power (Rated) (Nom)	4.5 W				
Lamp current (max.)	260 mA				
Lamp current (min.)	150 mA				
Starting time (nom.)	0.5 s				
Warm-up time to 60% light (nom.)	0.5 s				

Power factor (nom.)	0.9				
Voltage (Nom)	20-50 V				
Temperature					
T ambient (max.)	35 ℃				
T ambient (min.)	-20 °C				
T storage (max.)	65 ℃				
T storage (min.)	-40 °C				
T-Case maximum (nom.)	60 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product length	100 mm				
Approval and Application					
Energy efficiency label (EEL)	A+				
Energy-saving product	Yes				
Approval marks	CE marking RoHS compliance KEMA Keur				
	certificate				

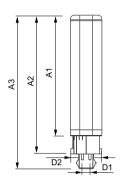
Datasheet, 2019, May 17 data subject to change

CorePro LED PLC

Energy Consumption kWh/1000 h	6 kWh
Product Data	
Full product code	871869670665700
Order product name	CorePro LED PLC CorePro LED PLC 4.5W 840
	4P G24q-1
EAN/UPC – product	8718696706657

Order code	70665700
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001351102
Net weight (piece)	0.075 kg
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Dimensional drawing



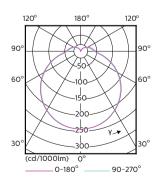
PLED PLC 24V 5-13W 500lm 4000K G24Q-1 ND

Product	D1	D2	A1	A2	А3
CorePro LED PLC CorePro LED	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 mm
PLC 4.5W 840 4P G24q-1					

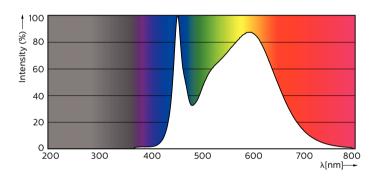
Photometric data



CorePro LED PLC 100mm 5W G24Q-1 840 500lm



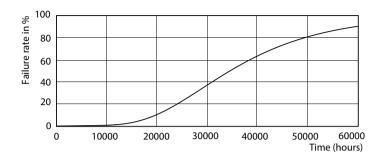
LEDtube 100mm 5W G24D-1

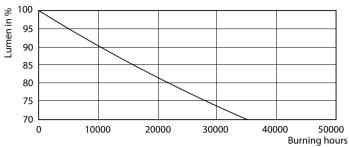


LEDtube 100mm 5W G24Q-1 840 500lm

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Lifetime





LEDtube 100mm 5W G24D-1

LEDtube 100mm 5W G24D-1



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