



CorePro LED PLC

CorePro LED PLC CorePro LED PLC 4.5W 830 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	830 [CCT of 3000K]
Luminous Flux (Nom)	475 lm
Luminous Flux (Rated) (Nom)	475 lm
Colour Temperature, horizontal (Nom)	3000 K
Color Consistency	<6
Colour Rendering Index horiz (Nom)	83
LLMF At End Of Nominal Lifetime (Nom) 70 %
Oneventing and Electrical	

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 °C
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	A+
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur
	certificate

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Energy Consumption kWh/1000 h	6 kWh	Order code	70663300	
		Numerator - Quantity Per Pack	1	
Product Data		Numerator - Packs per outer box	10	
Full product code	871869670663300	Material Nr. (12NC)	929001351002	
Order product name	CorePro LED PLC CorePro LED PLC 4.5W 830	Net Weight (Piece)	0.075 kg	
	4P G24q-1			
EAN/UPC - Product	8718696706633			

Warnings and Safety

• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Dimensional drawing



Product	D1	D2	A1	A2	A3	
CorePro LED PLC CorePro LED	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 mm	
PLC 4.5W 830 4P G24q-1						

PLED PLC 24V 5-13W 450lm 3000K G24Q-1 ND

Photometric data





CorePro LED PLC 100mm 5W G24Q-1 830 475lm

LEDtube 100mm 5W G24Q-1 830 475lm

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Photometric data



LEDtube 100mm 5W G24D-1

Lifetime



LEDtube 100mm 5W G24D-1

LEDtube 100mm 5W G24D-1



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