



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 ℃
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

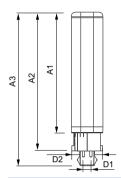
Datasheet, 2019, July 8 data subject to change

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

Dimensional drawing



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

 Product
 D1
 D2
 A1
 A2
 A3

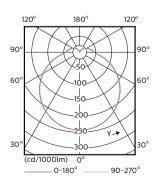
 CorePro LED PLC CorePro LED
 24.3 mm
 28.4 mm
 95.8 mm
 115 mm
 130.6 mm

 PLC 4.5W 840 4P G24q-1
 40.5 mm
 10.5 mm
 10.5 mm
 10.5 mm

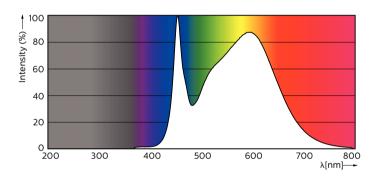
Photometric data



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



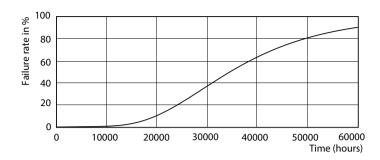
LEDtube 100mm 5W G24D-1

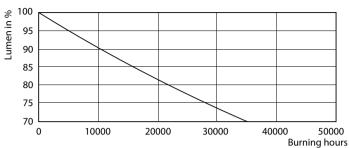


LEDtube 100mm 5W G24Q-1 840 500lm

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Lifetime





LEDtube 100mm 5W G24D-1

LEDtube 100mm 5W G24D-1



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