PHILIPS Lighting

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.
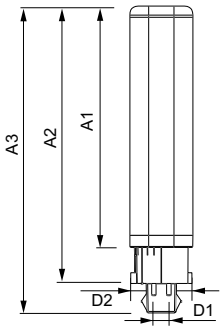
Product data

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 ℃
T-Case maximum (nom.)	60 ℃

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

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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 PLC 4.5W 840 4P G24q-1	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 mm

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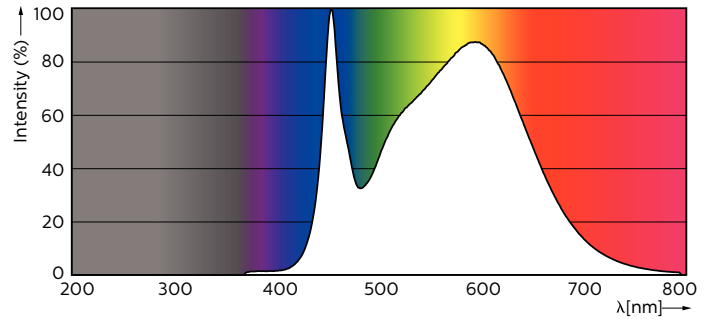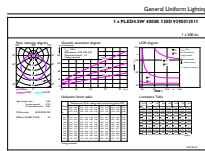
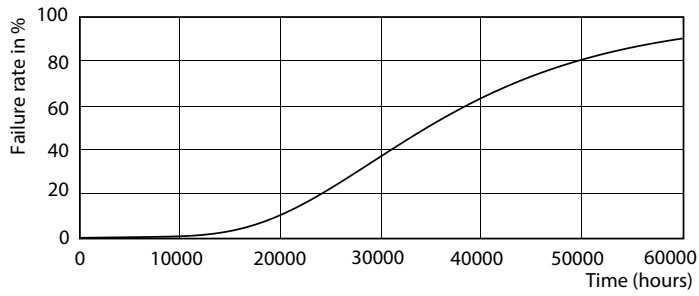**CorePro LED PLC 100mm 5W G24Q-1 840 500lm**

LEDtube 100mm 5W G24Q-1 840 500lm
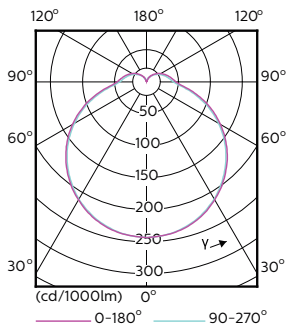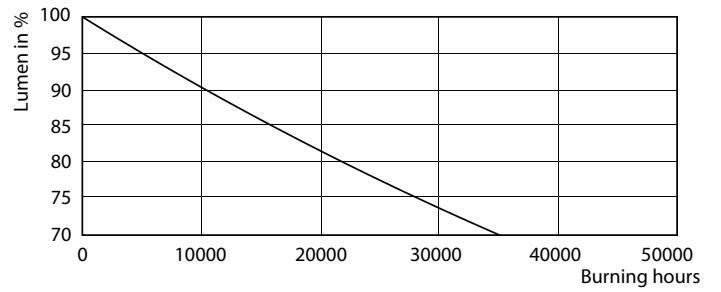

LEDtube 100mm 5W G24D-1

CorePro LED PLC

Lifetime

LEDtube 100mm 5W G24D-1

LEDtube 100mm 5W G24D-1

www.lighting.philips.com

2019, July 8 – data subject to change