![PHILIPS Lighting]

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 %

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

CorePro LED PLC

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 4P G24q-1		**Net Weight (Piece)**	0.075 kg
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.
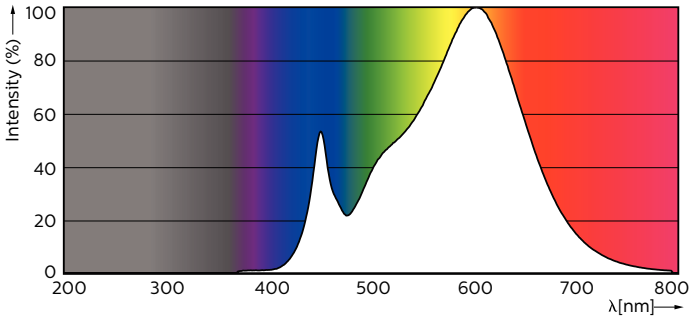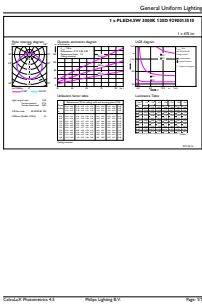
Dimensional drawing

PLED PLC 24V 5-13W 450lm 3000K G24Q-1 ND
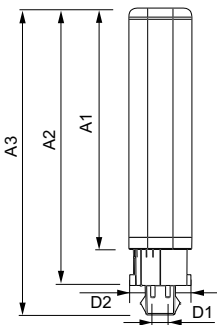
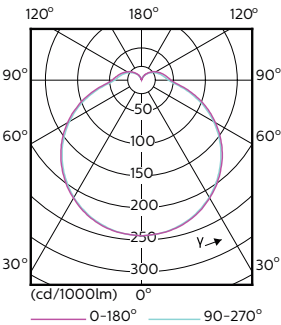| Product	D1	D2	A1	A2	A3
CorePro LED PLC CorePro LED PLC 4.5W 830 4P G24q-1	24.3 mm	28.4 mm	95.8 mm	115 mm	130.6 mm

Photometric data

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

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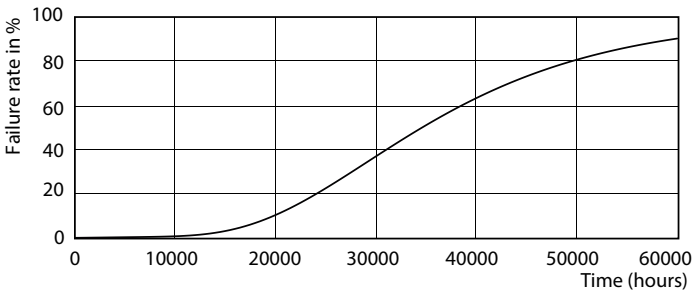
CorePro LED PLC
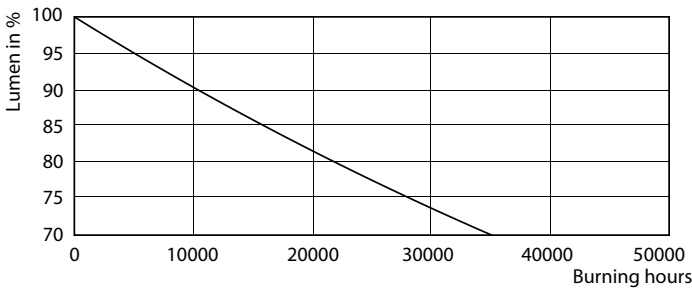
Photometric data

LEDtube 100mm 5W G24D-1

Lifetime

LEDtube 100mm 5W G24D-1

LEDtube 100mm 5W G24D-1

www.lighting.philips.com

2019, July 8 – data subject to change