CorePro LED PLC

CorePro LED PLC 6.5W 840 4P G24q-2

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-2 [G24q-2]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X

Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	700 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	30000-80000 Hz
Power (Nom)	6.5 W
Lamp Current (Max)	300 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 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	66 °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	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh

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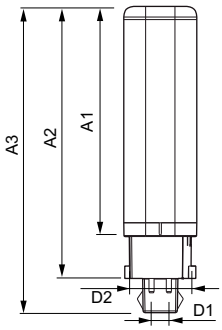
Product Data	
Full product code	871869654121000
Order product name	CorePro LED PLC 6.5W 840 4P G24q-2
EAN/UPC - Product	8718696541210
Order code	929001201102
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929001201102
Net Weight (Piece)	0.078 kg

Warnings and Safety

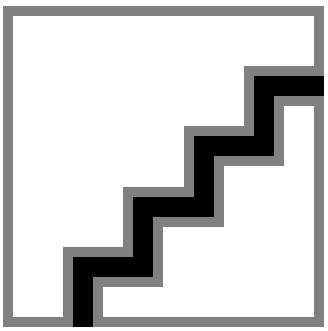
Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 6.5W 840 4P G24q-2	24.3 mm	28.4 mm	105.8 mm	125 mm	140.6 mm

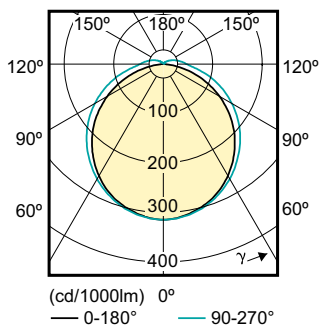
LEDtube PLC 6.5W G24q-2/840 4P

Photometric data

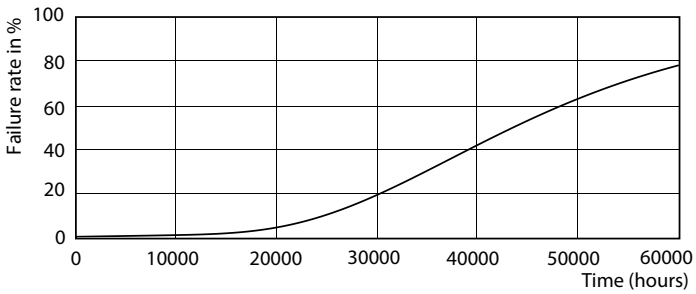


LEDtube PLC 100mm 7W G24Q-2 840 700lm

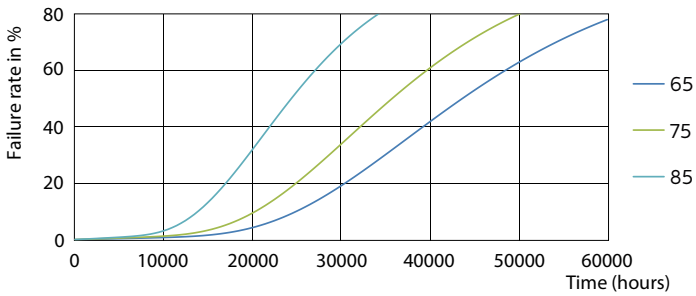
LEDtube PLC 100mm 9W G24Q-3 840 1000lm



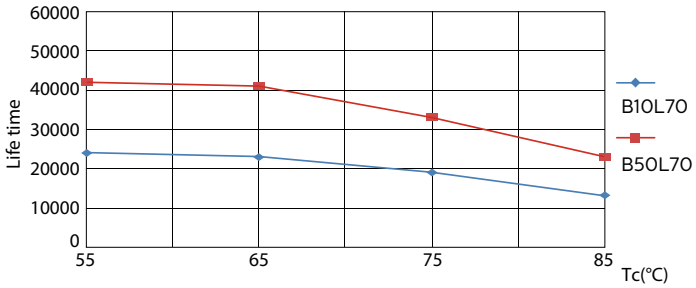
Lifetime



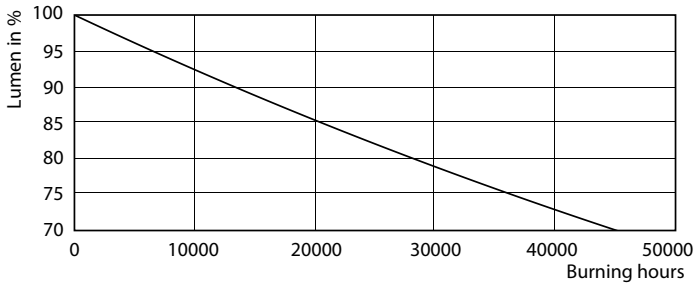
LEDtube PLC 100mm 7W G24Q-2 830 650lm



LEDtube PLC 100mm 7W G24Q-2 830 650lm



LEDtube PLC 100mm 7W G24Q-2 830 650lm



LEDtube PLC 100mm 7W G24Q-2 830 650lm

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2020, January 21 - data subject to change