

CorePro LED PLC

CorePro LED PLC 6.5W 840 4P G24q-2

The Philips CorePro LED PLC integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

Product data

• General Information

Cap-Base	G24Q-2 [G24q-2]
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle B50L70	50000X 30000

• Light Technical

Color Code	840 [CCT of 4000K (841)]
Beam Angle (Nom)	120 °
Luminous Flux (Rated) (Nom)	650 lm
Rated Beam Angle	120 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	6 steps
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

• Operating and Electrical

Input Frequency	30000-80000 Hz
Power (Rated) (Nom)	6.5 W
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light
Power Factor (Min)	0.8
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 (Max)	65 °C
T-Case Maximum (Nom)	65 °C

• Controls and Dimming

Dimmable	No

• Mechanical and Housing

Product Length	100 mm

• Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh

• Product Data

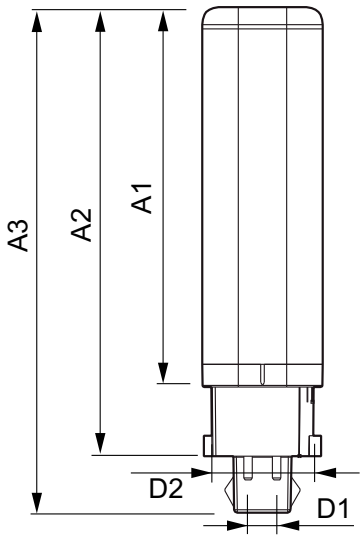
Full product code	871869654121000
Order product name	CorePro LED PLC 6.5W 840 4P G24q-2

PHILIPS

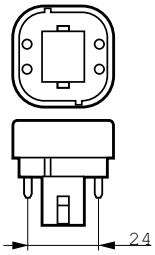
CorePro LED PLC

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

Dimensional drawing



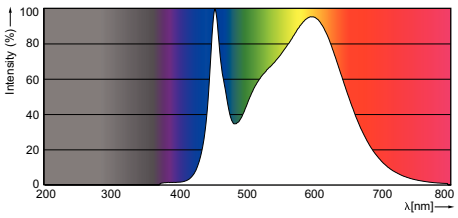
G24q-2, 4P



LEDtube PLC 6.5W G24q-2/840 4P

Product	D1	D2	A1	A2	A3
CorePro LED PLC 6.5W 840 4P G24q-2	24.3 mm	28.4 mm	124.5 mm	105.3 mm	140.1 mm

Photometric data



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data subject to change