



# CorePro LED PLC

## CorePro LED PLC CorePro LED PLC 6.5W 840 2P G24d-2

Philips CorePro LED PLC is the ideal uplampping 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	G24D-2 [ G24d-2]
Nominal lifetime (nom.)	30000 h
Switching cycle	50000X
B50L70	30000 h

Light Technical	
Colour code	840 [ CCT of 4000K (841)]
Luminous flux (nom.)	700 lm
Luminous flux (rated) (nom.)	700 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	50 to 60 Hz
Power (Rated) (Nom)	6.5 W
Lamp current (max.)	35 mA
Lamp current (min.)	25 mA

Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 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.)	65 °C

Controls and Dimming	
Dimmable	no

Mechanical and Housing	
Product length	100 mm

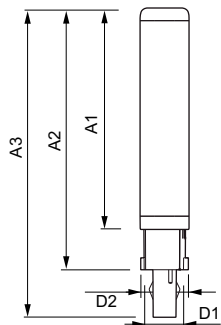
Approval and Application	
Energy-saving product	Yes

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Energy efficiency label (EEL)	A+
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh
<b>Product Data</b>	
Full product code	871869654129600
Order product name	CorePro LED PLC CorePro LED PLC 6.5W 840 2P G24d-2

EAN/UPC – product	8718696541296
Order code	54129600
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001201502
Net weight (piece)	0.077 kg

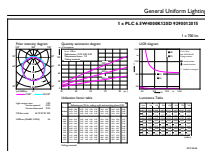
## Dimensional drawing



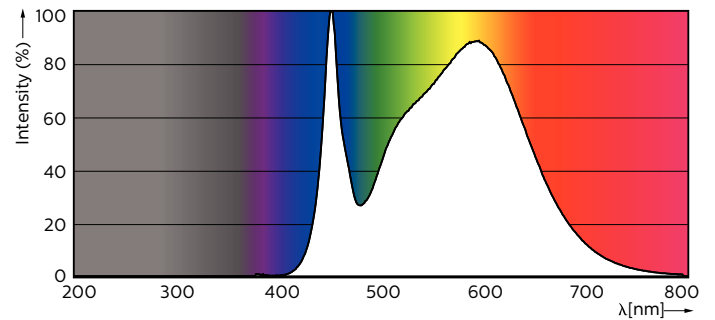
LEDtube PLC 6.5W G24d-2/840 2P

Product	D1	D2	A1	A2	A3
CorePro LED PLC CorePro LED PLC 6.5W 840 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

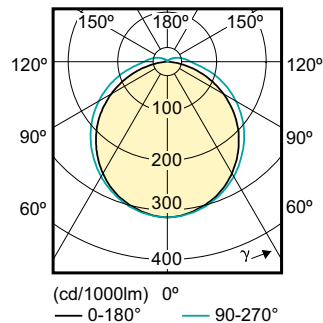
## Photometric data



General Uniform Lighting  
PLC 6.5W 840 2P G24d-2

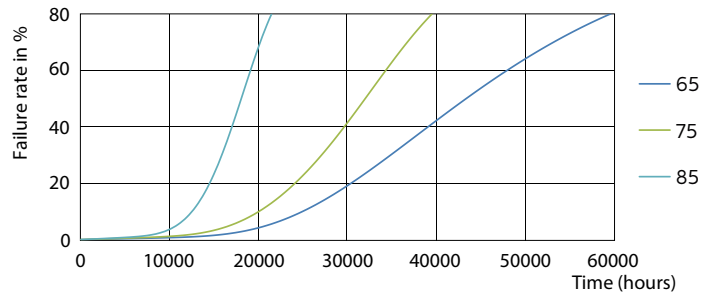
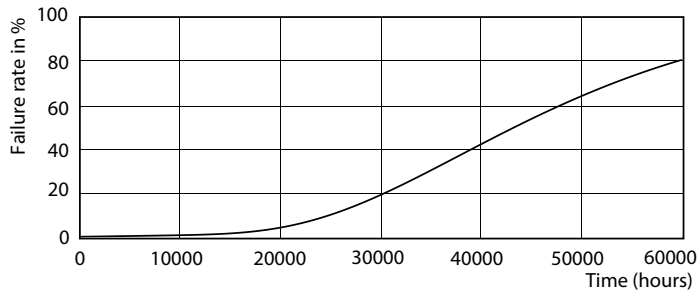


LEDtube PLC 100mm 9W G24Q-3 840 1000lm



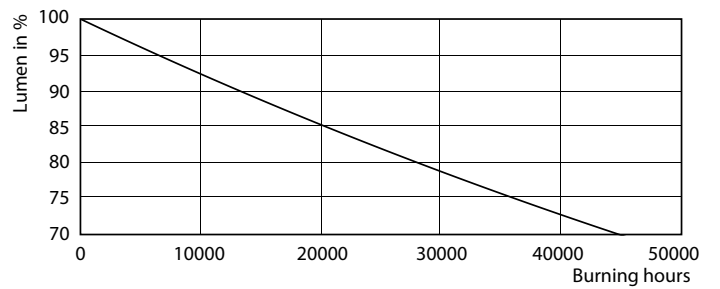
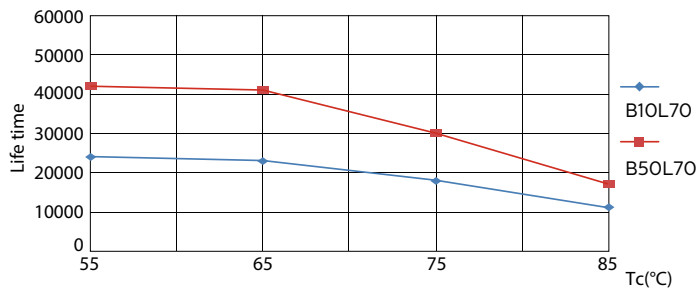
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## Lifetime



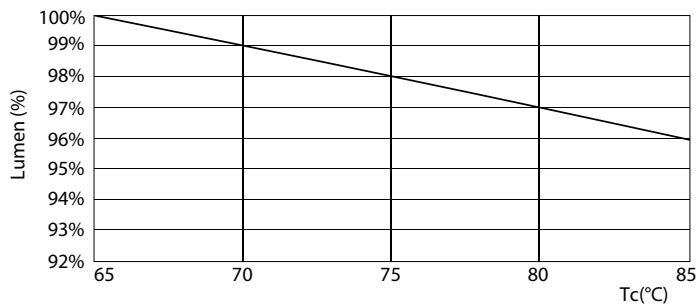
LEDtube PLC 100mm 7W G24D-2 830 650lm

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