



CorePro LED PLC CorePro LED PLC 8.5W 840 2P G24d-3

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	G24D-3 [G24d-3]			
Nominal Lifetime (Nom)	30000 h			
Switching Cycle	50000X			
B50L70	30000 h			
Light Technical				
Color Code	840 [CCT of 4000K]			
Luminous Flux (Nom)	1000 lm			
Luminous Flux (Rated) (Nom)	1000 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	50 to 60 Hz			
Power (Rated) (Nom)	8.5 W			
Lamp Current (Max)	43 mA			
Lamp Current (Min)	33 mA			
Starting Time (Nom)	0.5 s			
Warm Up Time to 60% Light (Nom) 0.5 s				
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Power Factor (Nom)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
T-Ambient (Max)	35 ℃			
T-Ambient (Min)	-20 °C			
T-Storage (Max)	65 °C			
T-Storage (Min)	-40 °C			
T-Case Maximum (Nom)	75 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	200 mm			
Approval and Application				
Energy Efficiency Label (EEL)	A+			
Energy Saving Product	Yes			
Approval Marks	TUV CE marking RoHS compliance KEMA Keur			
	certificate			

Datasheet, 2019, January 28 data subject to change

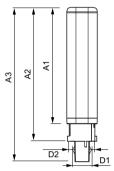
Energy Consumption kWh/1000 h	11 kWh
Product Data	
Full product code	871869654125800
Order product name	CorePro LED PLC CorePro LED PLC 8.5W 840
	2P G24d-3
EAN/UPC - Product	8718696541258

Order code	929001201302	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	10	
Material Nr. (12NC)	929001201302	
Net Weight (Piece)	0.090 kg	

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.

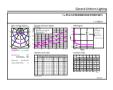
Dimensional drawing



LEDtube PLC 8.5W G24d-3/840 2P

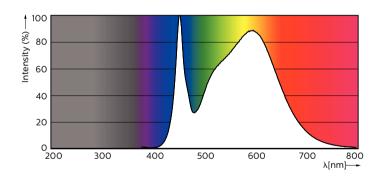
Product	D1	D2	A1	A2	А3
CorePro LED PLC CorePro	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm
LED PLC 8.5W 840 2P					
G24d-3					

Photometric data



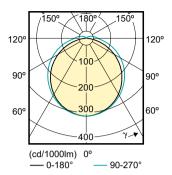
CalcularX Photometrics C3 Philips Lighting B.V. Page: 37

LEDtube PLC 100mm 9W G24D-3 840 1000lm



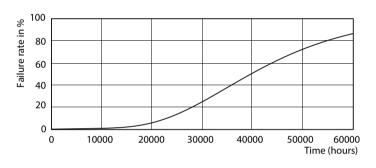
LEDtube PLC 100mm 9W G24Q-3 840 1000lm

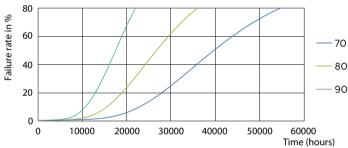
Photometric data



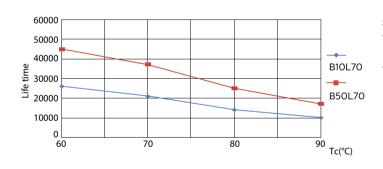
PLC /830, /840

Lifetime

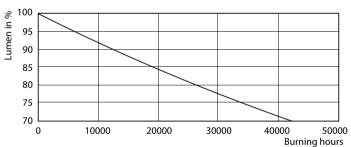




LEDtube PLC 100mm 9W G24D-3 830 950lm



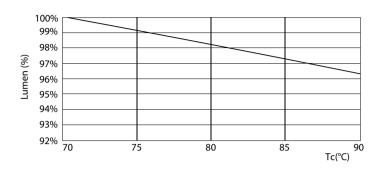
LEDtube PLC 100mm 9W G24D-3 830 950lm



LEDtube PLC 100mm 9W G24D-3 830 950lm

LEDtube PLC 100mm 9W G24D-3 830 950lm

Lifetime



LEDtube PLC 100mm 9W G24D-3 830 950lm



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