



## CorePro LED PLC 8.5W 830 2P G24d-3

CorePro LED PLC 2P 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	G24D-3 [ G24d-3]			
EU RoHS compliant	Yes			
Nominal Lifetime (Nom)	30000 h			
Switching Cycle	50000X			
Flux measurement reference	Sphere			
Light Technical				
Color Code	830 [ CCT of 3000K]			
Beam Angle (Nom)	120 °			
Luminous Flux (Nom)	950 lm			
Color Designation	White (WH)			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	105.88 lm/W			
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 (Nom)	8.5 W			
Lamp Current (Max)	43 mA			
Lamp Current (Min)	33 mA			

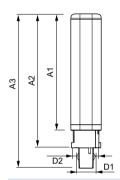
Starting Time (Nom)	0.5 s			
Warm Up Time to 60% Light (Nom)	0.5 s			
Power Factor (Nom)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
T-Ambient (Max)	35 ℃			
T-Ambient (Min)	-20 °C			
T-Storage (Max)	65 °C			
T-Storage (Min)	-40 °C			
T-Case Maximum (Nom)	75 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	200 mm			
Bulb Shape	Tube, single-ended			
Approval and Application				
Energy Efficiency Class	F			
Energy Saving Product	Yes			

Datasheet, 2021, September 2 data subject to change

Approval Marks	TUV CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	9 kWh			
EPREL Registration Number	403554			
Product Data				
Full product code	871869654123400			
Order product name	CorePro LED PLC 8.5W 830 2P G24d-3			

EAN/UPC - Product	8718696541234		
Order code	929001201202		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	10		
Material Nr. (12NC)	929001201202		
Net Weight (Piece)	0.090 kg		

## Dimensional drawing



LEDtube PLC 8.5W G24d-3/830 2P

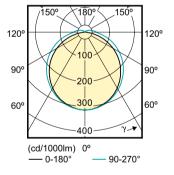
Product	D1	D2	A1	A2	А3
CorePro LED PLC 8.5W 830	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm
2P G24d-3					

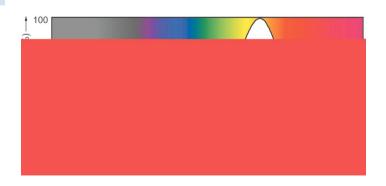
### Photometric data



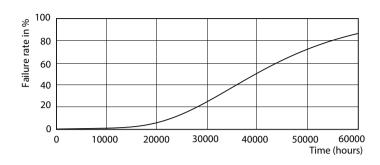
Calculate Phasameters 43 Philips Lighting &V. Pager 37

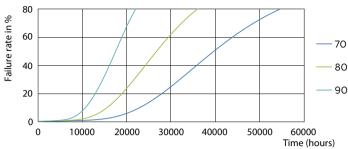
LEDtube PLC 100mm 9W G24D-3 830 950lm





#### Lifetime

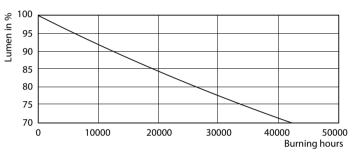




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