



## LED PLC 8.5W 840 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			
Nominal lifetime	30,000 h			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	120 degree(s)			
Luminous Flux	1,000 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	117.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	83			
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	8.5 W			
Lamp Current (Max)	43 mA			

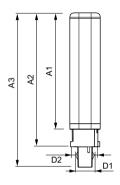
Lamp Current (Min)	33 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	220-240 V		
Temperature			
Ambient temperature range	-20 °C to 35 °C		
T-Case Maximum (Nom)	75 ℃		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product Length	200 mm		
Bulb Shape	PL-C		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	TUV CE marking RoHS compliance KEMA Keur		
	certificate		
Energy Consumption kWh/1000 h	11 kWh		

Datasheet, 2023, April 16 data subject to change

Product Data	
Order product name	LED PLC 8.5W 840 2P G24d-3
Full product name	LED PLC 8.5W 840 2P G24d-3
Full product code	871869667001900
Local code description	LEDPL8.5W8402P
Order code	929001201308
Material Nr. (12NC)	929001201308

Local order code	LEDPL8.5W8402P			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696670019			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696670026			

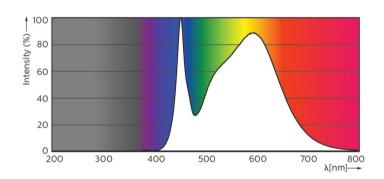
## Dimensional drawing



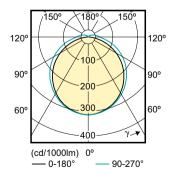
Product	D1	D2	A1	A2	А3
LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

### Photometric data





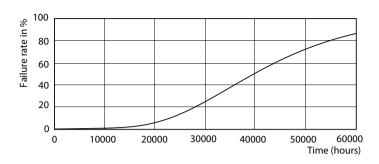
General uniform lighting - LED PLC 8.5W 840 2P G24d-3

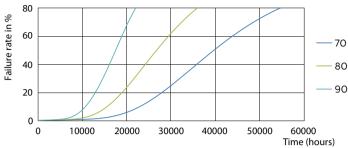


Light Distribution Diagram - LED PLC 8.5W 840 2P G24d-3

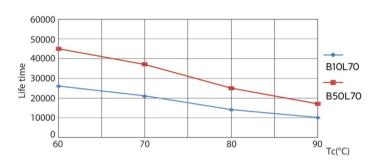
Spectral Power Distribution Colour - LED PLC 8.5W 840 2P G24d-3

#### Lifetime

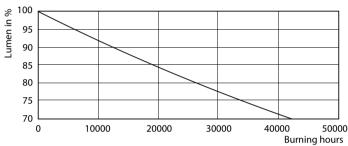




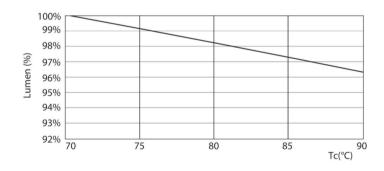
#### Life Expectancy Diagram - LED PLC 8.5W 840 2P G24d-3



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Lumen Maintenance Diagram - LED PLC 8.5W 840 2P G24d-3

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