



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 hour(s)			
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			

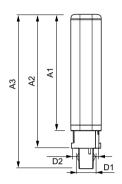
Lamp Current (Min)	33 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 35 °C			
T-Case Maximum (Nom)	75 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
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, 2024, March 21 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
Order code	929001201308
Material Nr. (12NC)	929001201308

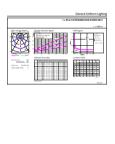
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696670019
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696670026

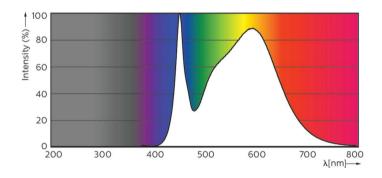
Dimensional drawing



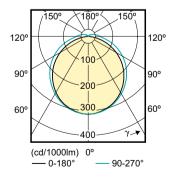
Product	D1	D2	A1	A2	A3
LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

Photometric data





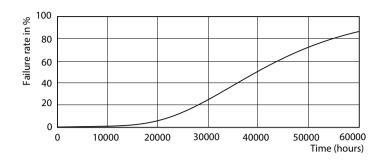
General uniform lighting - LED PLC 8.5W 840 2P G24d-3

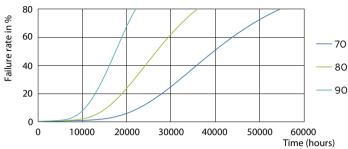


Light Distribution Diagram - LED PLC 8.5W 840 2P G24d-3

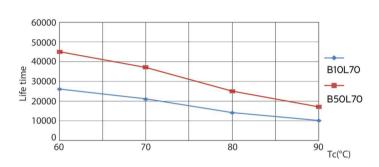
Spectral Power Distribution Colour - LED PLC 8.5W 840 2P G24d-3

Lifetime

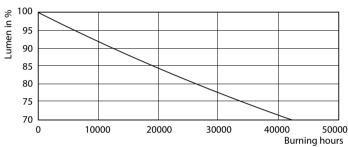




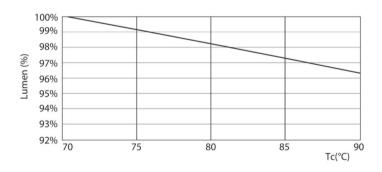
Life Expectancy Diagram - LED PLC 8.5W 840 2P G24d-3



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

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