





CorePro 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 [G24d-3]			
Nominal lifetime	30,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
Flux measurement reference	Sphere			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	120 degree(s)			
Luminous Flux	1,000 lumen			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	105.88 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			
Starting Time (Nom)	0.5 s			

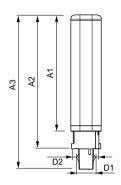
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 35 °C				
T-Case Maximum (Nom)	75 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Material	Plastic				
Product Length	200 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Efficiency Class	F				
Energy Saving Product	Yes				
Approval Marks	TUV CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	9 kWh				
EPREL Registration Number	403555				

Datasheet, 2023, June 2 data subject to change

CE mark	Yes				
EU RoHS compliant	Yes				
Product Data					
Full product code	871869654125800				
Order product name	CorePro LED PLC 8.5W 840 2P G24d-3				
Order code	929001201302				

Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	10			
Material number (12NC)	929001201302			
Full product name	CorePro LED PLC 8.5W 840 2P G24d-3			
EAN/UPC - Case	8718696541265			

Dimensional drawing



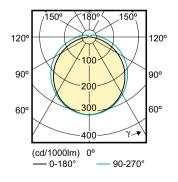
Product	D1	D2	A1	A2	А3
CorePro LED PLC 8.5W 840 2P	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm
G24d-3					

Photometric data





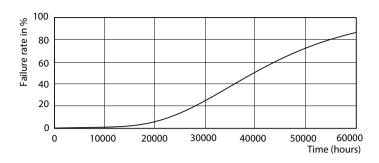
General uniform lighting - CorePro LED PLC 8.5W 840 2P G24d-3

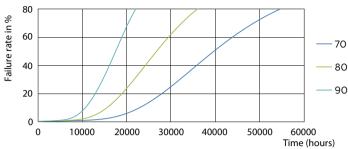


Light Distribution Diagram - CorePro LED PLC 8.5W 840 2P G24d-3

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

Lifetime

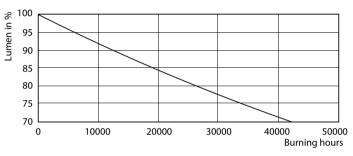




Life Expectancy Diagram - CorePro LED PLC 8.5W 840 2P G24d-3



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



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



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

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