



## LED PLC 6.5W 830 2P G24d-2

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-2			
Nominal lifetime	30,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	830 [CCT of 3000K]			
Beam Angle (Nom)	120 degree(s)			
Luminous Flux	650 lm			
Color Designation	White (WH)			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	100.00 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	6.5 W			
Lamp Current (Max)	35 mA			

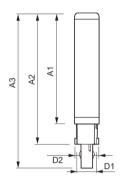
Lamp Current (Min)	25 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 35 °C			
T-Case Maximum (Nom)	65 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	100 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	9 kWh			
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Datasheet, 2023, April 19 data subject to change

Product Data	
Order product name	LED PLC 6.5W 830 2P G24d-2
Full product name	LED PLC 6.5W 830 2P G24d-2
Full product code	871869667003300
Order code	67003300
Material Nr. (12NC)	929001201408

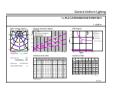
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696670033
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696670040

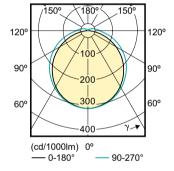
## Dimensional drawing



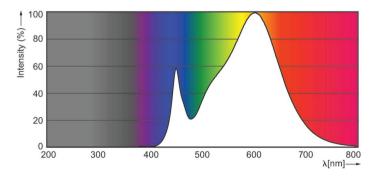
Product	D1	D2	A1	A2	А3
LED PLC 6.5W 830 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

#### Photometric data





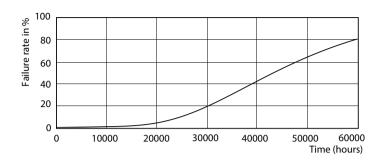
General uniform lighting - LED PLC 6.5W 830 2P G24d-2

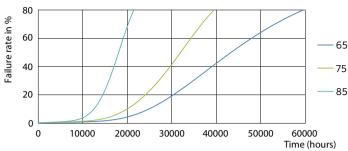


Spectral Power Distribution Colour - LED PLC 6.5W 830 2P G24d-2

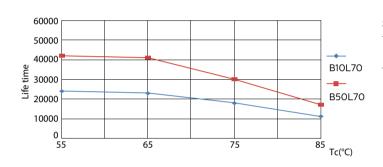
Light Distribution Diagram - LED PLC 6.5W 830 2P G24d-2

#### Lifetime

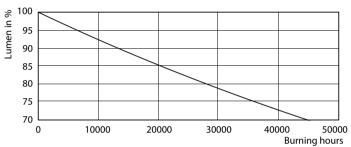




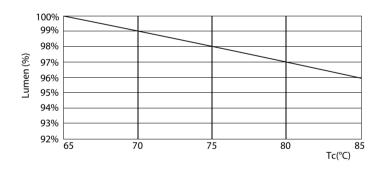
#### Life Expectancy Diagram - LED PLC 6.5W 830 2P G24d-2



#### Life Expectancy Diagram - LED PLC 6.5W 830 2P G24d-2



#### Life Expectancy Diagram - LED PLC 6.5W 830 2P G24d-2



Lumen Maintenance Diagram - LED PLC 6.5W 830 2P G24d-2

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