



# CorePro 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 [G24d-2]				
Nominal lifetime	30,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
Flux measurement reference	Sphere				
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	120 degree(s)				
Luminous Flux	650 lumen				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	92.31 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				
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 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Material	Plastic				
Product Length	100 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Saving Product	Yes				
Approval Marks	TUV CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	7 kWh				
EPREL Registration Number	403,556				
CE mark	Yes				

Datasheet, 2023, May 22 data subject to change

EU RoHS compliant	Yes				
Product Data					
Full product code	871869654127200				
Order product name	CorePro LED PLC 6.5W 830 2P G24d-2				
Order code	929001201402				
Numerator - Quantity Per Pack	1				

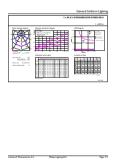
Numerator - Packs per outer box	10			
Material number (12NC)	929001201402			
Full product name	CorePro LED PLC 6.5W 830 2P G24d-2			
EAN/UPC - Case	8718696541289			

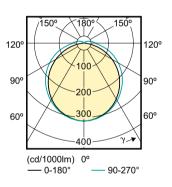
# Dimensional drawing



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

## Photometric data



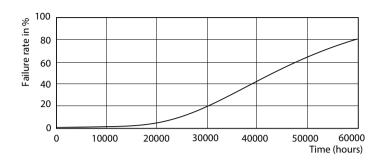


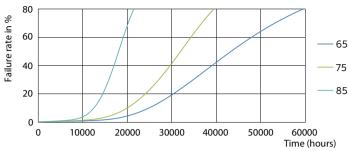
Light Distribution Diagram - CorePro LED PLC 6.5W 830 2P G24d-2



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

#### Lifetime

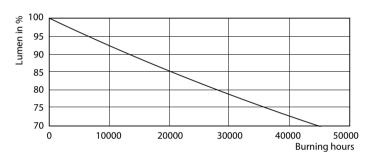




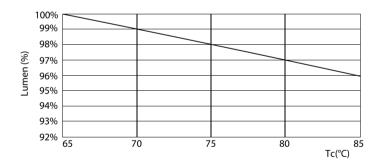
#### Life Expectancy Diagram - CorePro LED PLC 6.5W 830 2P G24d-2

# 60000 50000 40000 20000 10000 0 55 65 75 85 Tc(°C)

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



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



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

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