



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				

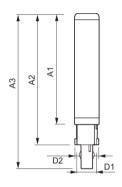
Lamp Current (Min)	25 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 35 °C				
T-Case Maximum (Nom)	65 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical 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				

Datasheet, 2023, August 2 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	929001201408
Material Nr. (12NC)	929001201408
Local order code	LPLC6.5W8302P

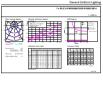
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696670033
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696670040

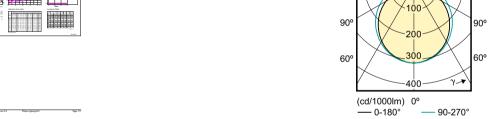
Dimensional drawing



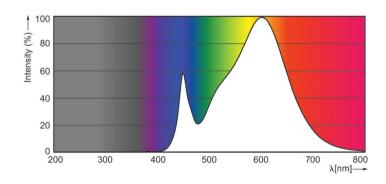
Product	D1	D2	A1	A2	A3
LED PLC 6.5W 830 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

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

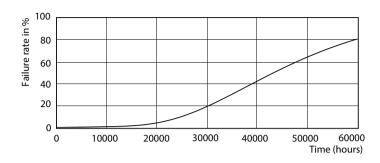
Light Distribution Diagram - LED PLC 6.5W 830 2P G24d-2

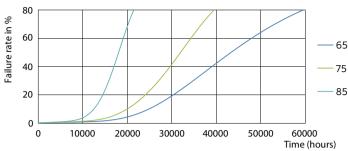
90-270°

120°

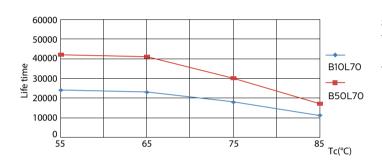
120°

Lifetime

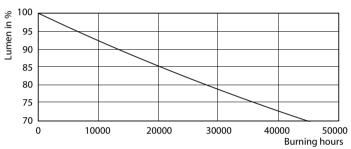




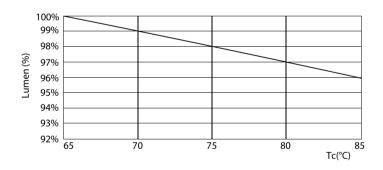
Life Expectancy Diagram - LED PLC 6.5W 830 2P G24d-2



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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