PHILIPS Lighting



CorePro LED PLC 2P

LED PLC 9W 830 2P G24d

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
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	950 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	105.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
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	9 W
Lamp Current (Max)	70 mA

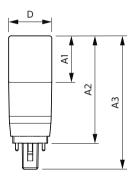
Lamp Current (Min)	70 mA
Lamp Current (Nom)	70 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 ℃ to 45 ℃
T-Case Maximum (Nom)	72 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	100 mm
Bulb Shape	PL-C
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur
	certificate

CorePro LED PLC 2P

- kWh
LED PLC 9W 830 2P G24d
LED PLC 9W 830 2P G24d
871869681022400
929001879208

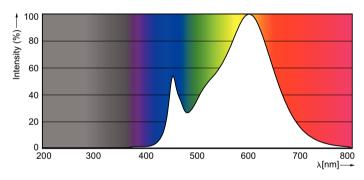
Material Nr. (12NC)	929001879208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696810224
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696810231

Dimensional drawing

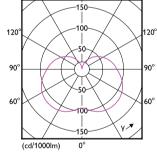


Product	D	A1	A2	A3
LED PLC 9W 830 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm

Photometric data



Spectral Power Distribution Colour - LED PLC 9W 830 2P G24d



180°

150°

Light Distribution Diagram - LED PLC 9W 830 2P G24d

150°

1 x 9299018792 9W 3000K
1 a 100 im

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General uniform lighting - LED PLC 9W 830 2P G24d

CorePro LED PLC 2P

Lifetime

30000

25000

20000

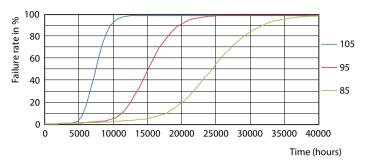
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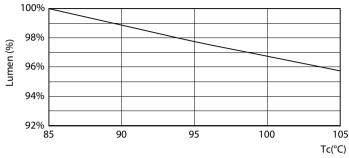
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5000

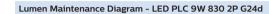
0 ∟ 85

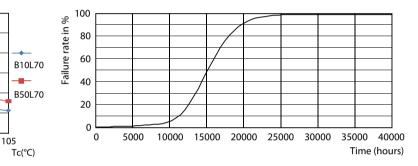
Life time (Hours)





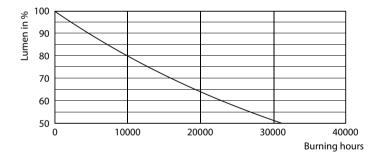
Life Expectancy Diagram - LED PLC 9W 830 2P G24d





Life Expectancy Diagram - LED PLC 9W 830 2P G24d

90



95

100

Lumen Maintenance Diagram - LED PLC 9W 830 2P G24d

Life Expectancy Diagram - LED PLC 9W 830 2P G24d

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