

CorePro LED PLC 2P

LED PLC 8.5W 830 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
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	950 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	111.00 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	8.5 W
Lamp Current (Max)	43 mA
Lamp Current (Min)	33 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)	75 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	200 mm
Bulb Shape	PL-C

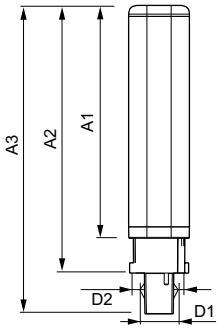
Approval and Application	
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	11 kWh

CorePro LED PLC 2P

Product Data	
Order product name	LED PLC 8.5W 830 2P G24d-3
Full product name	LED PLC 8.5W 830 2P G24d-3
Full product code	871869666999000
Order code	929001201208
Material Nr. (12NC)	929001201208

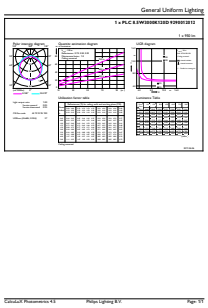
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696669990
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696670002

Dimensional drawing

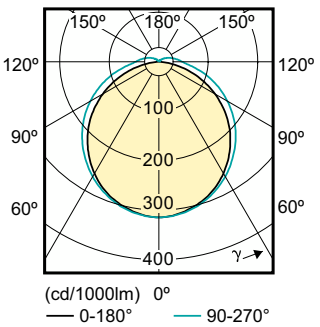


Product	D1	D2	A1	A2	A3
LED PLC 8.5W 830 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

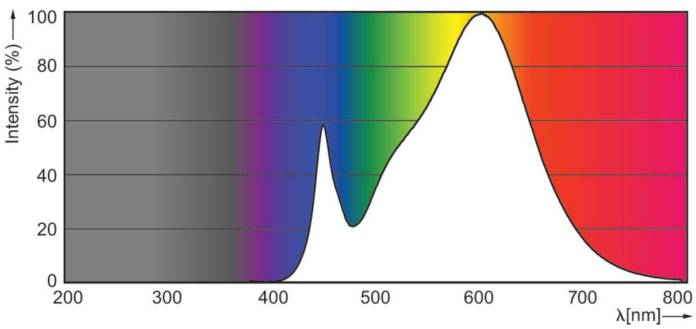
Photometric data



General uniform lighting - LED PLC 8.5W 830 2P G24d-3



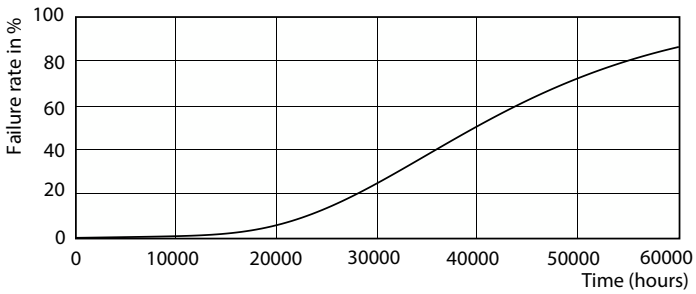
Light Distribution Diagram - LED PLC 8.5W 830 2P G24d-3



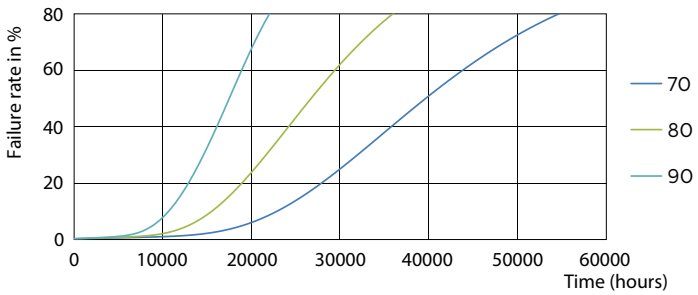
Spectral Power Distribution Colour - LED PLC 8.5W 830 2P G24d-3

CorePro LED PLC 2P

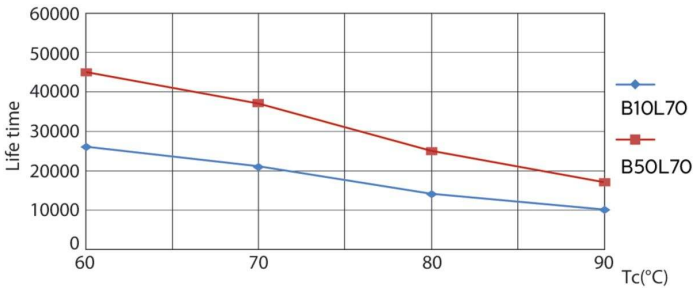
Lifetime



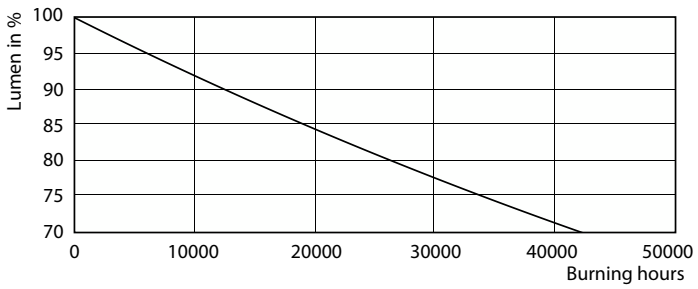
Life Expectancy Diagram - LED PLC 8.5W 830 2P G24d-3



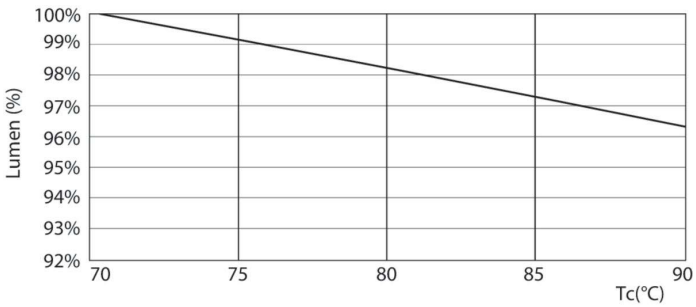
Life Expectancy Diagram - LED PLC 8.5W 830 2P G24d-3



Life Expectancy Diagram - LED PLC 8.5W 830 2P G24d-3



Lumen Maintenance Diagram - LED PLC 8.5W 830 2P G24d-3



Lumen Maintenance Diagram - LED PLC 8.5W 830 2P G24d-3

CorePro LED PLC 2P

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2023, September 1 - data subject to change