# **PHILIPS** Lighting



# **CorePro LED PLC 2P**

# LED PLC 9W 865 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	865 [CCT of 6500K]			
Beam Angle (Nom)	240 degree(s)			
Luminous Flux	1,050 lm			
Color Designation	Cool Daylight			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	116.00 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

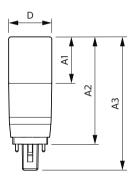
Lamp Current (Min)	70 mA				
Lamp Current (Nom)	70 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.5				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	72 ℃				
Controls and Dimming					
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

Energy Consumption kWh/1000 h	- kWh		
Product Data			
Order product name	LED PLC 9W 865 2P G24d		
Full product name	LED PLC 9W 865 2P G24d		
Full product code	871869681026200		
Order code	929001879408		

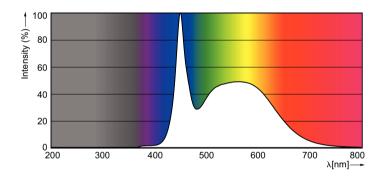
Material Nr. (12NC)	929001879408			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696810262			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696810279			

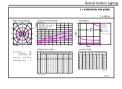
#### **Dimensional drawing**



Product	D	A1	A2	A3
LED PLC 9W 865 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm

#### Photometric data





CalculaX Pressnessics 43 Philos Lipiting BX Page 51

Spectral Power Distribution Colour - LED PLC 9W 865 2P G24d

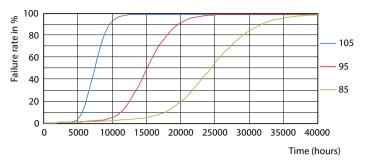
150° 180° 150° -150-100 120 120° 50 90 90° 50 60° 60<sup>°</sup> iÓO γ./ 150 (cd/1000lm) 0°

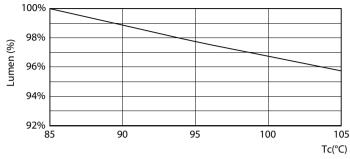
Light Distribution Diagram - LED PLC 9W 865 2P G24d

General uniform lighting - LED PLC 9W 865 2P G24d

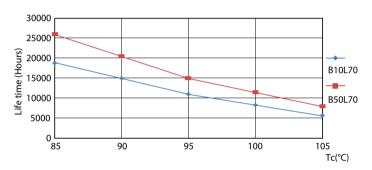
## CorePro LED PLC 2P

#### Lifetime

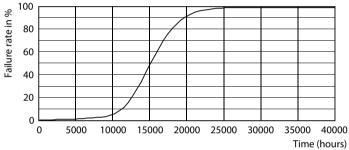




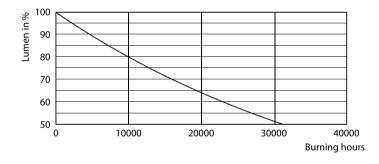




Lumen Maintenance Diagram - LED PLC 9W 865 2P G24d



Life Expectancy Diagram - LED PLC 9W 865 2P G24d



Lumen Maintenance Diagram - LED PLC 9W 865 2P G24d

Life Expectancy Diagram - LED PLC 9W 865 2P G24d

## CorePro LED PLC 2P



© 2024 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 2024, February 16 - data subject to change