



# LED PLC 7.5W 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	806 lm			
Color Designation	Cool Daylight			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	107.00 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	7.5 W			
Lamp Current (Max)	57 mA			

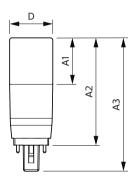
Lamp Current (Min)	57 mA				
Lamp Current (Nom)	57 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.5				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	64 °C				
Controls and Dimming					
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				

Datasheet, 2024, February 16 data subject to change

Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	LED PLC 7.5W 865 2P G24d
Full product name	LED PLC 7.5W 865 2P G24d
Full product code	871869681020000
Order code	929001879108

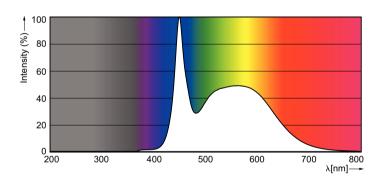
Material Nr. (12NC)	929001879108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696810200
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696810217

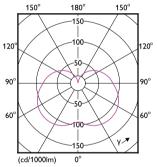
## Dimensional drawing



Product	D	A1	A2	А3
LED PLC 7.5W 865 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm

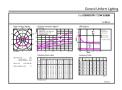
## Photometric data





Spectral Power Distribution Colour - LED PLC 7.5W 865 2P G24d

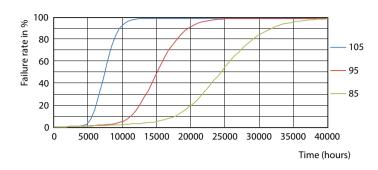
Light Distribution Diagram - LED PLC 7.5W 865 2P G24d

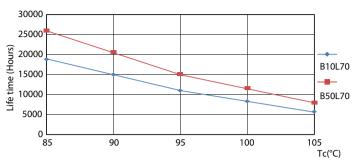


Cifo.LuX Photometric 4.5 Philips Lighting B.V. Page: L71

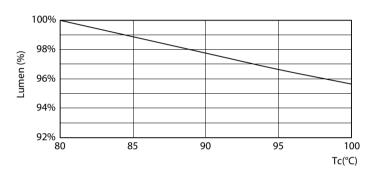
General uniform lighting - LED PLC 7.5W 865 2P G24d

## Lifetime

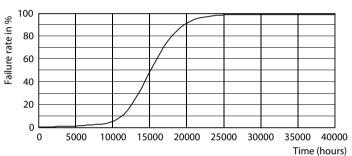




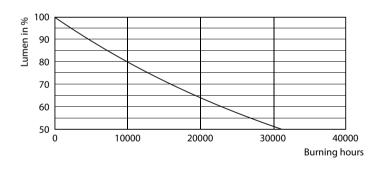
#### Life Expectancy Diagram - LED PLC 7.5W 865 2P G24d



## Life Expectancy Diagram - LED PLC 7.5W 865 2P G24d



## Lumen Maintenance Diagram - LED PLC 7.5W 865 2P G24d



Life Expectancy Diagram - LED PLC 7.5W 865 2P G24d

Lumen Maintenance Diagram - LED PLC 7.5W 865 2P G24d



© 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.