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

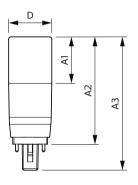
Lamp Current (Min)	70 mA				
Lamp Current (Nom)	70 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.5				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	72 °C				
Controls and Dimming		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

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- kWh		
LED PLC 9W 865 2P G24d		
LED PLC 9W 865 2P G24d		
871869681026200		
929001879408		

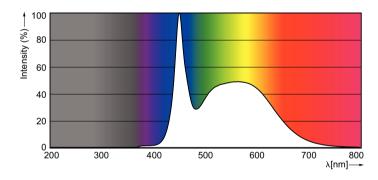
Material Nr. (12NC)	929001879408			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696810262			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696810279			

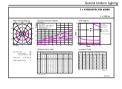
Dimensional drawing



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

Photometric data





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

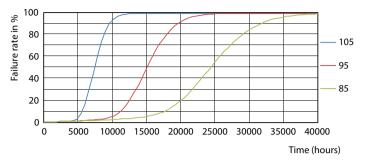
150° 180° 150° -150-100 120 120° 50 90 90° 50 60° 60[°] iÓO γ./ 150 (cd/1000lm) 0°

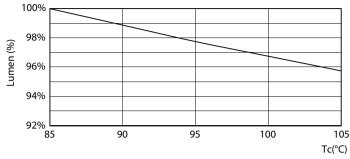
Light Distribution Diagram - LED PLC 9W 865 2P G24d

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

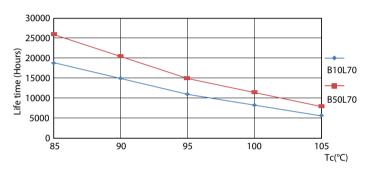
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Lifetime

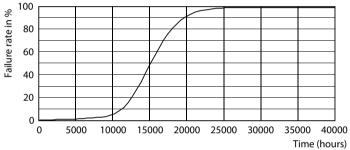




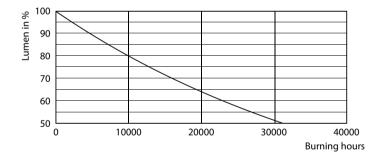




Lumen Maintenance Diagram - LED PLC 9W 865 2P G24d



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



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