# **PHILIPS** Lighting



# **CorePro LED PLC 2P**

# LED PLC 7.5W 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	750 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom	n) 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

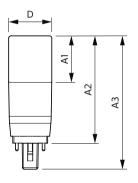
Lamp Current (Min)	57 mA	
Lamp Current (Nom)	57 mA	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.5	
Voltage (Nom)	220-240 V	
Temperature		
Ambient temperature range	-20 ℃ to 45 ℃	
T-Case Maximum (Nom)	64 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Product Length	100 mm	
Bulb Shape	PL-C	
Approval and Application		
Energy Saving Product	Yes	
Approval Marks	RoHS compliance CE marking KEMA Keur	
	certificate	

## CorePro LED PLC 2P

Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	LED PLC 7.5W 830 2P G24d
Full product name	LED PLC 7.5W 830 2P G24d
Full product code	871869681016300
Order code	929001878908

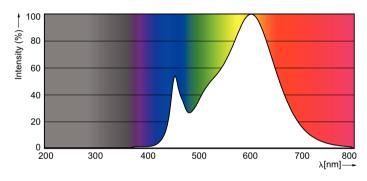
Material Nr. (12NC)	929001878908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696810163
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696810170

#### **Dimensional drawing**

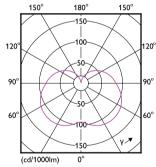


Product	D	A1	A2	A3
LED PLC 7.5W 830 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm

#### Photometric data



Spectral Power Distribution Colour - LED PLC 7.5W 830 2P G24d



Light Distribution Diagram - LED PLC 7.5W 830 2P G24d

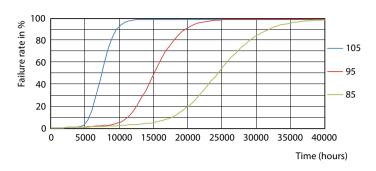
1 x 9299018789 7.5W 3000K
1x700m

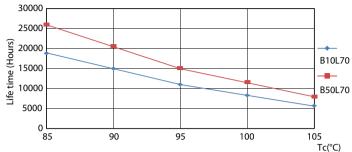
Tipe Lighting D.

General uniform lighting - LED PLC 7.5W 830 2P G24d

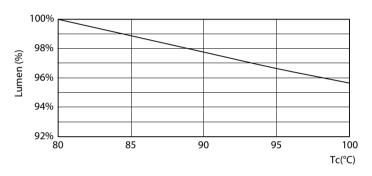
### CorePro LED PLC 2P



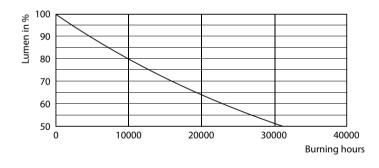






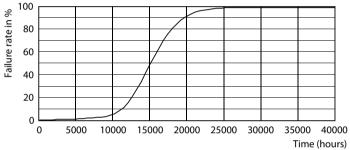


Lumen Maintenance Diagram - LED PLC 7.5W 830 2P G24d



Lumen Maintenance Diagram - LED PLC 7.5W 830 2P G24d

Life Expectancy Diagram - LED PLC 7.5W 830 2P G24d



Life Expectancy Diagram - LED PLC 7.5W 830 2P G24d

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