



LED PLC 7.5W 840 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	840 [CCT of 4000K]			
Beam Angle (Nom)	240 degree(s)			
Luminous Flux	806 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 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			

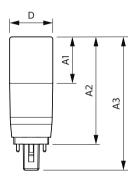
Lamp Current (Min)	57 mA				
Lamp Current (Nom)	57 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.5				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	64 °C				
Controls and Dimming					
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, 2023, April 14 data subject to change

Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	LED PLC 7.5W 840 2P G24d
Full product name	LED PLC 7.5W 840 2P G24d
Full product code	871869681018700
Order code	929001879008

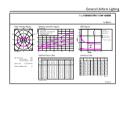
Material Nr. (12NC)	929001879008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696810187
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696810194

Dimensional drawing



Product	D	A1	A2	A3
LED PLC 7.5W 840 2P G24d	37.2 mm	40 mm	92.5 mm	115 mm

Photometric data





90° | 50 | 90° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 60° | 6

180°

-15O·

150°

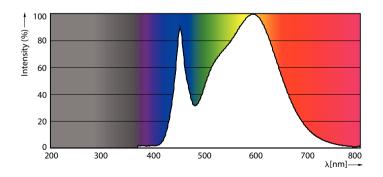
120°

Light Distribution Diagram - LED PLC 7.5W 840 2P G24d

150°

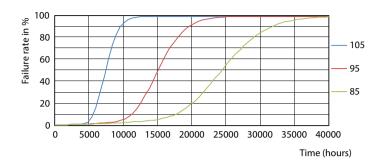
120°

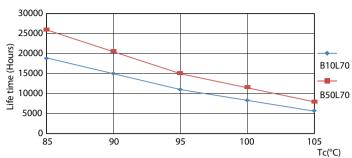
General uniform lighting - LED PLC 7.5W 840 2P G24d



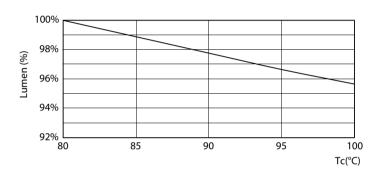
Spectral Power Distribution Colour - LED PLC 7.5W 840 2P G24d

Lifetime

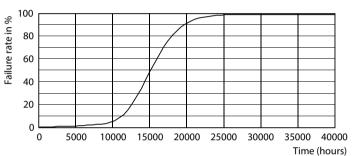




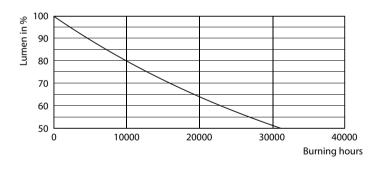
Life Expectancy Diagram - LED PLC 7.5W 840 2P G24d



Life Expectancy Diagram - LED PLC 7.5W 840 2P G24d



Lumen Maintenance Diagram - LED PLC 7.5W 840 2P G24d



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