



LED PLC 6.5W 840 2P G24d-2

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-2		
Nominal lifetime	30,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical			
Color Code	840 [CCT of 4000K]		
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	700 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)	83		
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	6.5 W		
Lamp Current (Max)	35 mA		

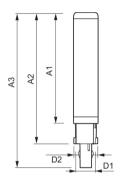
Lamp Current (Min)	25 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case Maximum (Nom)	65 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	100 mm
Bulb Shape	PL-C
Approval and Application	
Energy Saving Product	Yes
Approval Marks	TUV CE marking
Energy Consumption kWh/1000 h	9 kWh

Datasheet, 2023, August 2 data subject to change

Product Data	
Order product name	LED PLC 6.5W 840 2P G24d-2
Full product name	LED PLC 6.5W 840 2P G24d-2
Full product code	871869667005700
Order code	929001201508
Material Nr. (12NC)	929001201508
Local order code	LPLC6.5W8402P

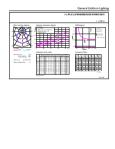
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696670057
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696670064

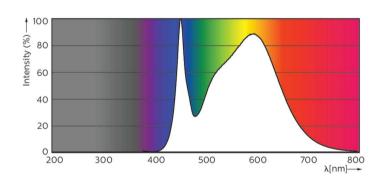
Dimensional drawing



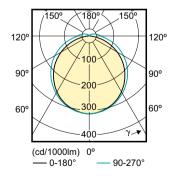
Product	D1	D2	A1	A2	A3
LED PLC 6.5W 840 2P G24d-2	24.3 mm	28.4 mm	105.8 mm	125 mm	147.6 mm

Photometric data





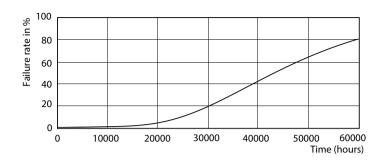
General uniform lighting - LED PLC 6.5W 840 2P G24d-2

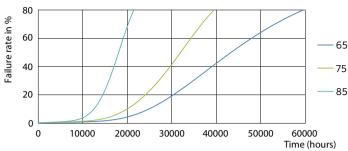


Light Distribution Diagram - LED PLC 6.5W 840 2P G24d-2

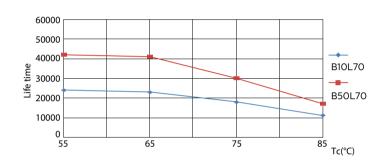
Spectral Power Distribution Colour - LED PLC 6.5W 840 2P G24d-2

Lifetime

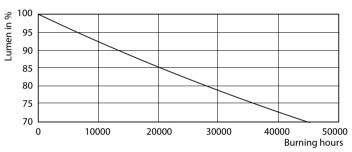




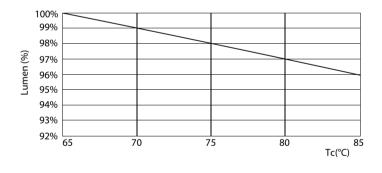
Life Expectancy Diagram - LED PLC 6.5W 840 2P G24d-2



Life Expectancy Diagram - LED PLC 6.5W 840 2P G24d-2



Life Expectancy Diagram - LED PLC 6.5W 840 2P G24d-2



Lumen Maintenance Diagram - LED PLC 6.5W 840 2P G24d-2

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