



CorePro LED PLC 2P

LED PLC 8.5W 840 2P G24d-3

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		Lamp Current (Min)	
Cap-Base	G24d-3		33 mA
Nominal lifetime	30,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
EU RoHS compliant	Yes	Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	Ambient temperature range	-20 °C to 35 °C
Beam Angle (Nom)	120 degree(s)	T-Case Maximum (Nom)	75 °C
Luminous Flux	1,000 lm	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Correlated Color Temperature (Nom)	4000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	117.00 lm/W	Product Length	200 mm
Color Consistency	<6	Bulb Shape	PL-C
Color rendering index (CRI)	83	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Saving Product	Yes
Operating and Electrical		Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Line Frequency	50 to 60 Hz	Energy Consumption kWh/1000 h	11 kWh
Input Frequency	50 to 60 Hz		
Power Consumption	8.5 W		
Lamp Current (Max)	43 mA		

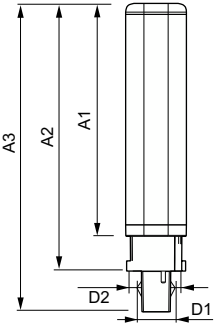
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Product Data

Order product name	LED PLC 8.5W 840 2P G24d-3
Full product name	LED PLC 8.5W 840 2P G24d-3
Full product code	871869667001900
Order code	929001201308
Material Nr. (12NC)	929001201308

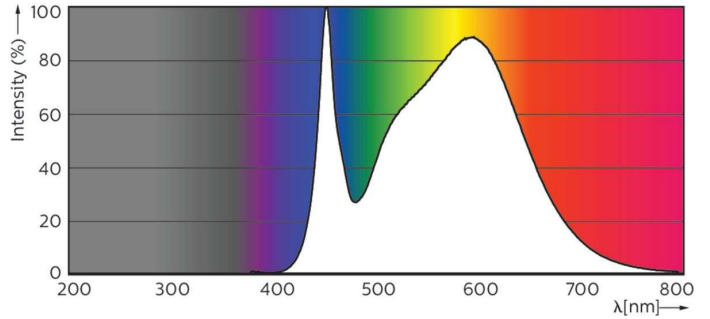
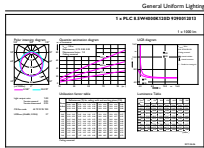
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696670019
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696670026

Dimensional drawing



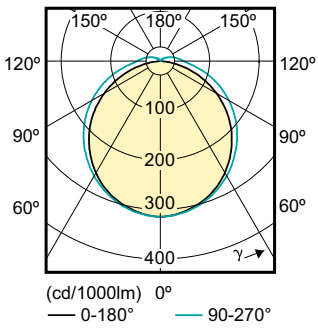
Product	D1	D2	A1	A2	A3
LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

Photometric data



General uniform lighting - LED PLC 8.5W 840 2P G24d-3

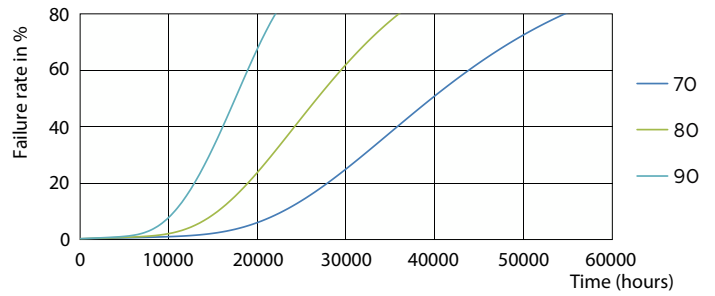
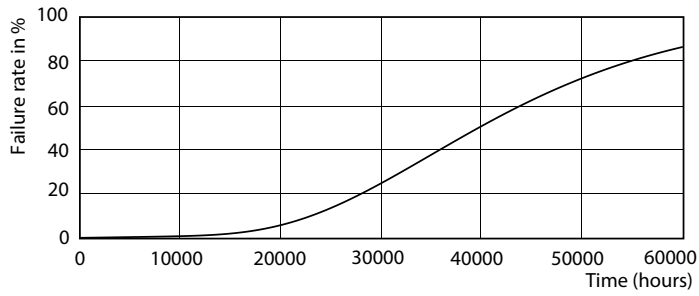
Spectral Power Distribution Colour - LED PLC 8.5W 840 2P G24d-3



Light Distribution Diagram - LED PLC 8.5W 840 2P G24d-3

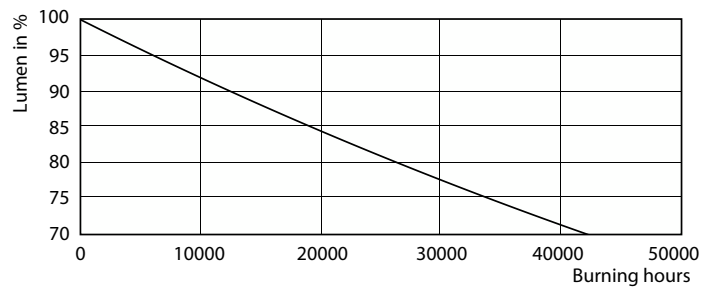
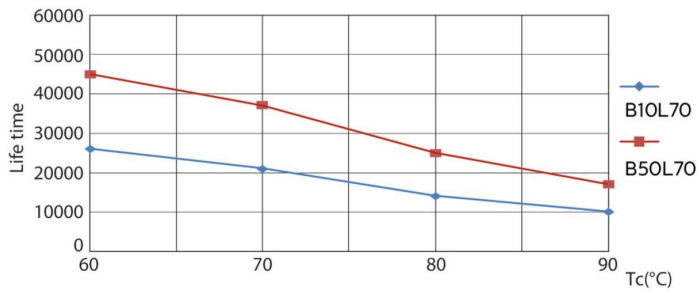
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Lifetime



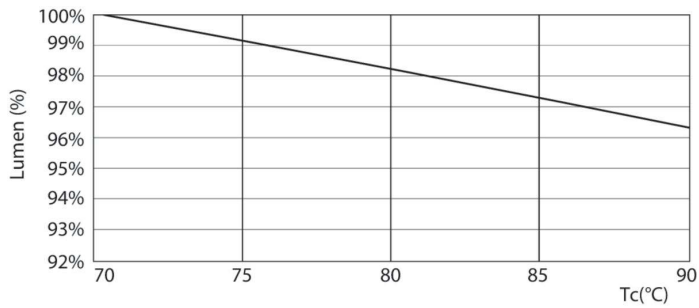
Life Expectancy Diagram - LED PLC 8.5W 840 2P G24d-3

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Lumen Maintenance Diagram - LED PLC 8.5W 840 2P G24d-3



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