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

Cap-Base	G24d-3
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	1,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117.00 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	8.5 W
Lamp Current (Max)	43 mA
Lamp Current (Min)	33 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)	75 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Product Length	200 mm
Bulb Shape	PL-C

Approval and Application

Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	11 kWh

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Product Data

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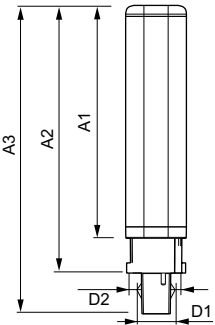
Product	D1	D2	A1	A2	A3
LED PLC 8.5W 840 2P G24d-3	24.3 mm	28.4 mm	128.8 mm	148 mm	170.6 mm

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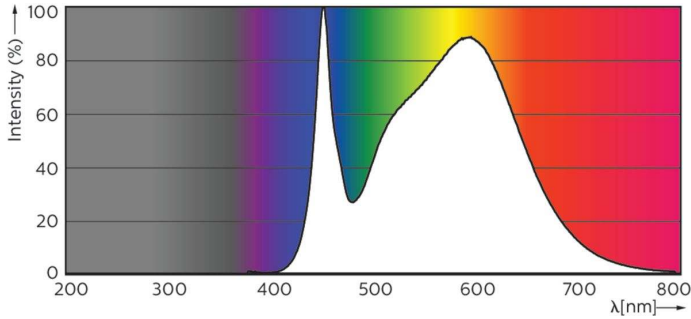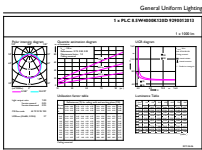
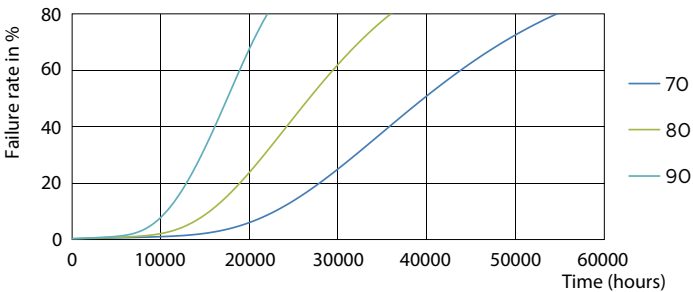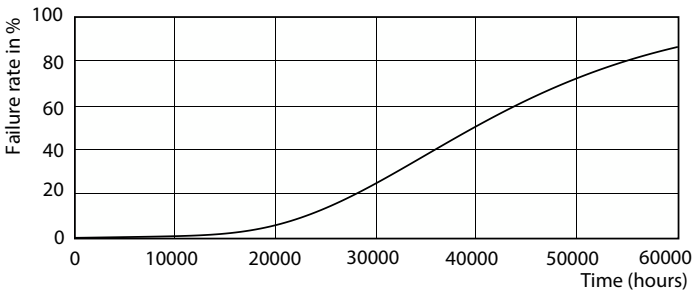General uniform lighting – LED PLC 8.5W 840 2P G24d-3

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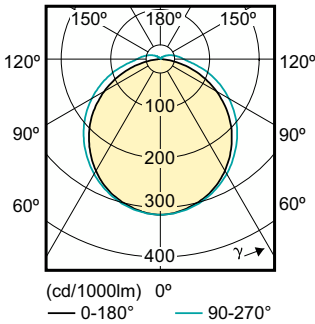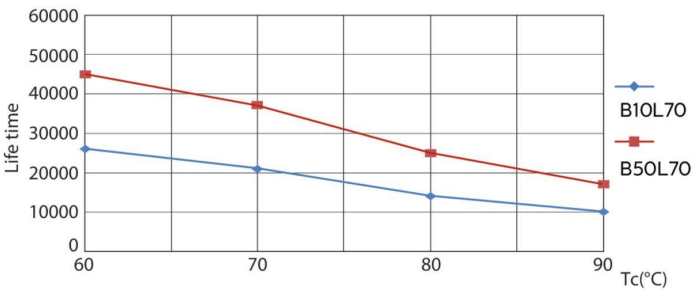

Light Distribution Diagram – LED PLC 8.5W 840 2P G24d-3
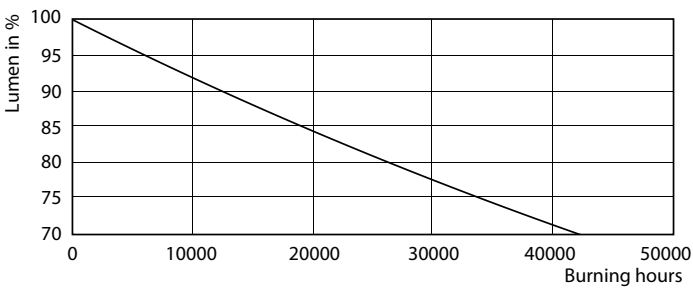
CorePro LED PLC 2P
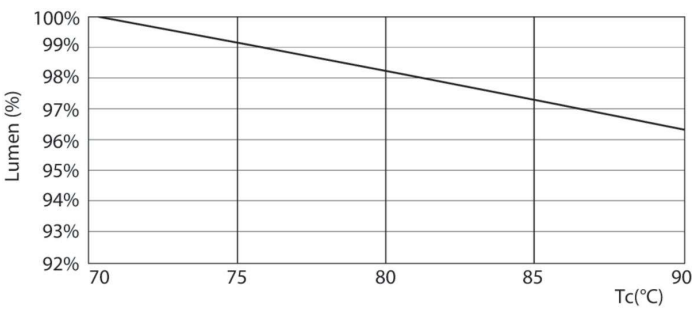
Lifetime

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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