CorePro LED PLC 2P

LED PLC 8.9W 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

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	1,100 lm
Luminous Efficacy (rated) (Nom)	123 lm/W
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	8.9 W
Lamp Current (Nom)	52 mA
Wattage Equivalent	26 W

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 to +35 °C
T-Case Maximum (Nom)	75 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	200 mm
Bulb Shape	PL-C

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
CE mark	Yes

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EU RoHS compliant	Yes		**Numerator – Quantity Per Pack**	1
			Net Weight (Piece)	0.090 kg
Product Data			**EAN/UPC – Product/Case**	8720169296480
Order product name	LED PLC 8.9W 840 2P G24d-3		**Numerator – Packs per outer box**	10
Full product name	LED PLC 8.9W 840 2P G24d-3		**EAN/UPC – Case**	8720169296497
Full product code	872016929648000			
Order code	929003757508			
Material Nr. (12NC)	929003757508			

Dimensional drawing
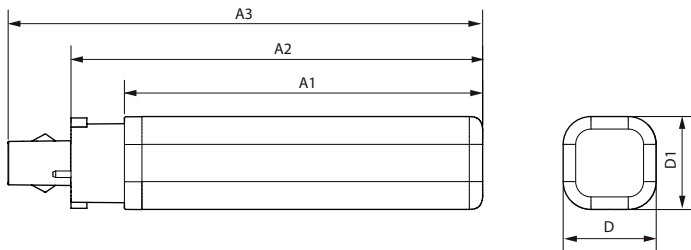
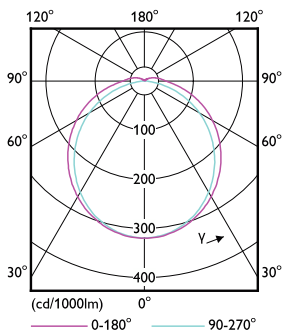| Product	D1	D	A1	A2	A3
LED PLC 8.9W 840 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm

Photometric data
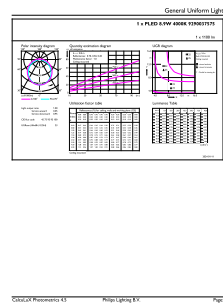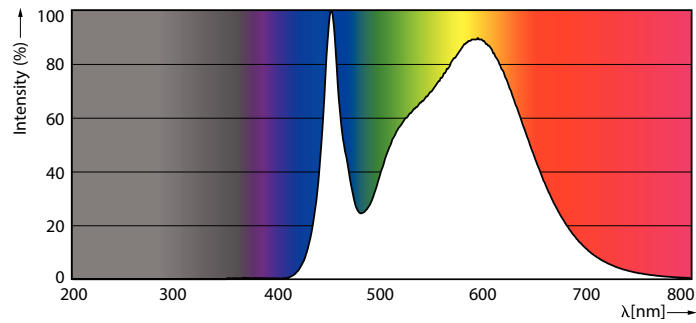
Spectral Power Distribution Colour – LED PLC 8.9W 840 2P G24d-3
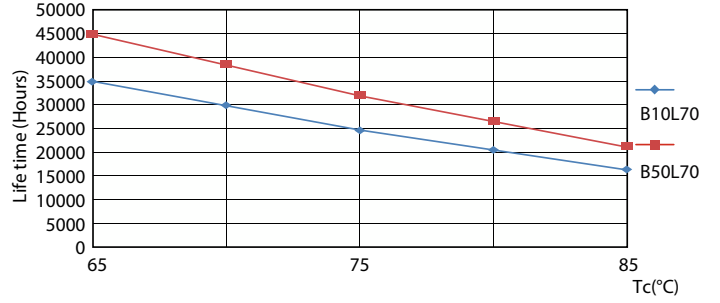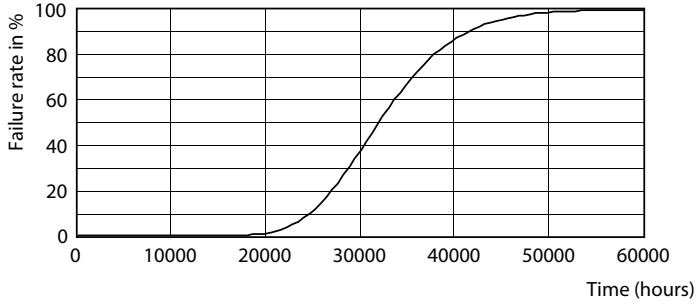

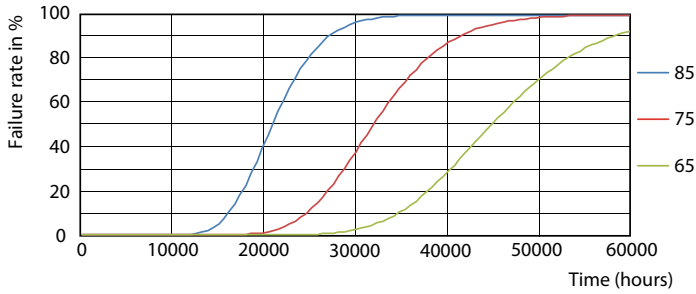
General uniform lighting – LED PLC 8.9W 840 2P G24d-3

Light Distribution Diagram – LED PLC 8.9W 840 2P G24d-3

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Lifetime
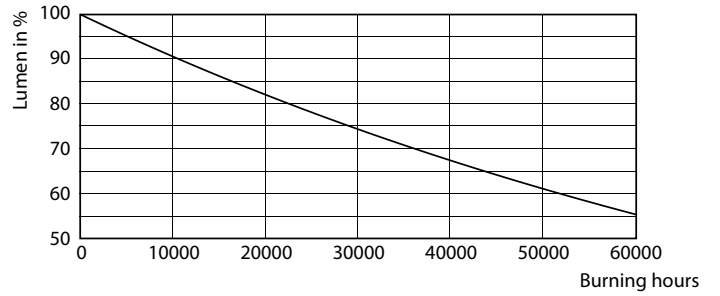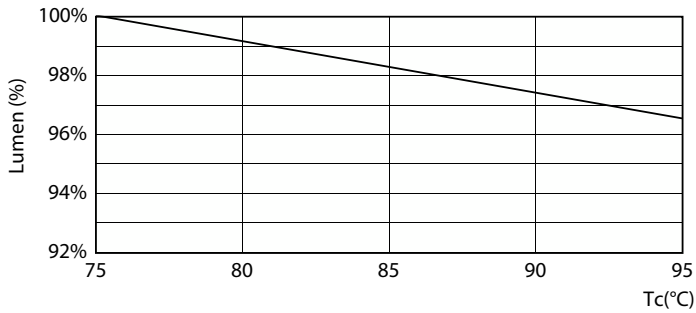

Life Expectancy Diagram

LifetimeVsTc

FailureRate

Lumen Maintenance Diagram – LED PLC 8.9W 840 2P G24d-3

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2024, August 30 – data subject to change