CorePro LED PLC 2P

CorePro LED PLC 8.9W 830 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
Flux measurement reference	Sphere

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	990 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	111 lm/W
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

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
LED alternative to fluorescent lamp power	26 W
Inrush current at mains	2.77
Max. lamp no. on MCB B type 10A – Mains	198
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	198
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	317
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	317
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	75 °C

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Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	148 mm
Bulb Shape	PL-C
Net Weight (Piece)	0.090 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	1820627
CE mark	Yes
EU RoHS compliant	Yes

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Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	–20 to +35 ℃

Product Data

Order product name	CorePro LED PLC 8.9W 830 2P G24d-3
Full product name	CorePro LED PLC 8.9W 830 2P G24d-3
Full product code	872016928758700
Order code	929003757402
Material Nr. (12NC)	929003757402
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169287587
Numerator – Packs per outer box	10
EAN/UPC – Case	8720169287594

Dimensional drawing
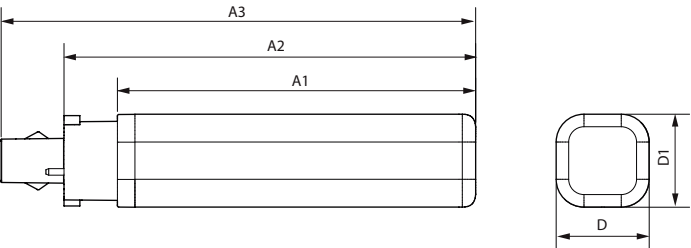
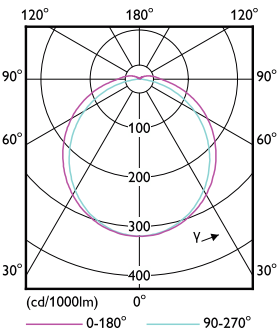| Product	D1	D2	A1	A2	A3
CorePro LED PLC 8.9W 830 2P G24d-3	34 mm		129 mm	148 mm	171 mm

Photometric data
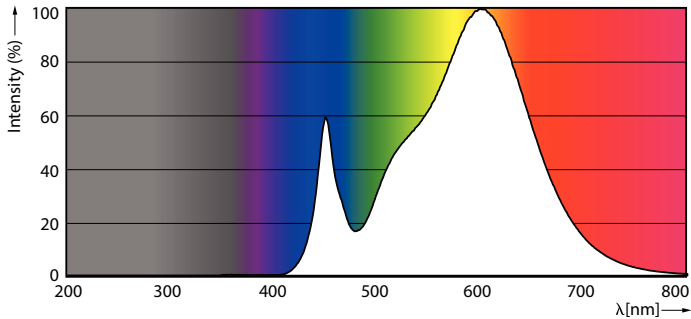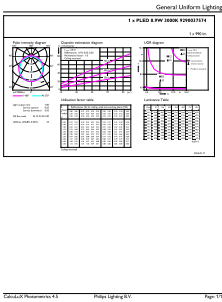
General uniform lighting – CorePro LED PLC 8.9W 830 2P G24d-3

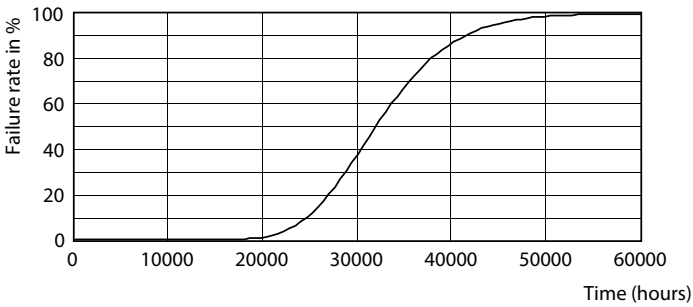Spectral Power Distribution Colour – CorePro LED PLC 8.9W 830 2P G24d-3
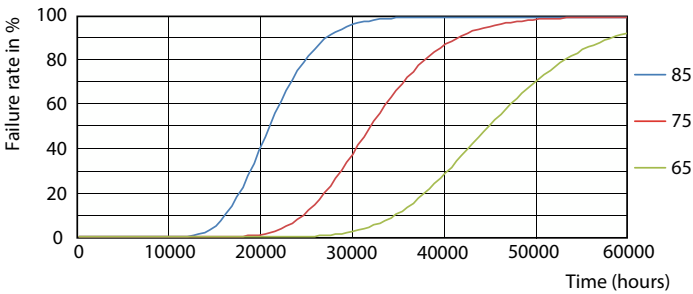
CorePro LED PLC 2P

Photometric data

Lifetime

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Lifetime
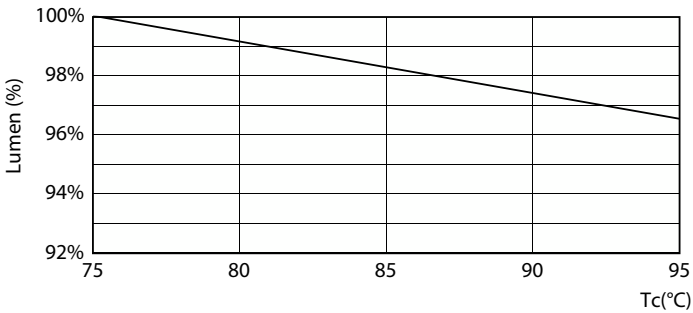
Lumen Maintenance Diagram – CorePro LED PLC 8.9W 830 2P G24d-3

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2025, January 6 – data subject to change