



CorePro LED PLC 4P



CorePro LED PLC 9.5W 830 4P G24q-3

CorePro, LED, PL-C, HF/Mains, 148 mm, 9.5 W, 26W PL-C, 3000 K, 990 lm, CRI 82, 30000 h

The CorePro LED PLC 4P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings and is environmentally friendly.

Product data

General Information	
Cap base	G24Q-3 Rotatable end-cap
Nominal lifetime	30,000 h
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	120 degree(s)
Luminous Flux	990 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	104 lm/W
Colour consistency	<6
Colour rendering index (CRI)	82
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power Consumption	9.5 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	26W PL-C
Inrush current at mains	7.5
Max. lamp no. on MCB B type 10A — Mains	160
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A — Mains	250
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-

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Max. lamp no. on MCB B type 16A – EM ballast – with Compensation Capacitor. -

Ballast Compatibility HF/Mains

Temperature

T-Case maximum (nom.) 75 °C

Controls and Dimming

Dimmable No

Mechanical and Housing

Lamp Finish Frosted

Bulb material Plastic

Product length 148 mm

Bulb shape PL-C

Net Weight (Piece) 0.108 kg

Approval and Application

Energy Efficiency Class F

Energy-saving product Yes

Approval marks RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours 10 kWh

EPREL Registration Number 1945436

CE mark Yes

EU RoHS compliant Yes

Flickering value (PstLM) 1

Stroboscopic effect 0.4

Ambient temperature range -20 to +45 °C

Application Conditions

Can it be used in closed luminaires Yes

Wireless Technology Not applicable

Product Data

Order product name CorePro LED PLC 9.5W 830 4P G24q-3

Full product name CorePro LED PLC 9.5W 830 4P G24q-3

Full EOC 872016929049500

Order code 929003758002

Material no. (12 NC) 929003758002

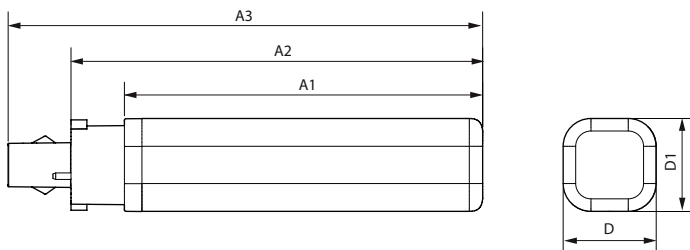
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EAN/UPC – Product/Case 8720169290495

Numerator – packs per outer box 10

EAN/UPC - Case 8720169290501

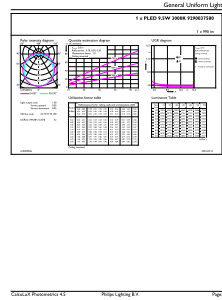
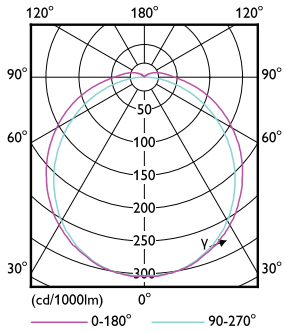
Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLC 9.5W 830 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

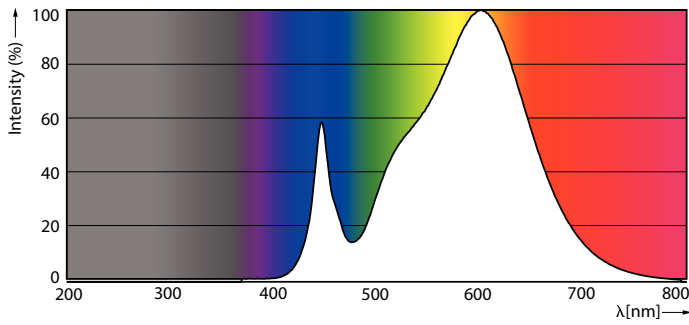
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Photometric data



Light Distribution Diagram - CorePro LED PLC 9.5W 830 4P G24q-3

General uniform lighting - CorePro LED PLC 9.5W 830 4P G24q-3

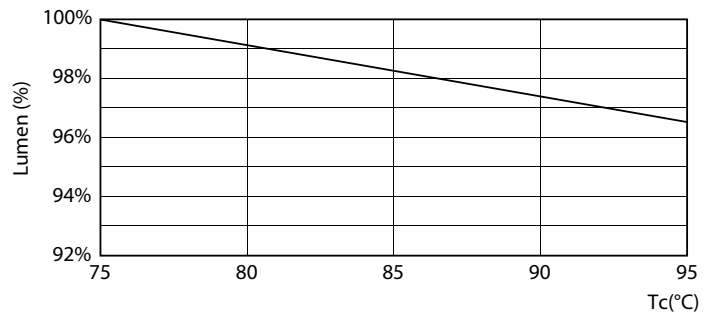


Spectral Power Distribution Colour - CorePro LED PLC 9.5W 830 4P G24q-3

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LED PLC 9.5W 830 4P G24q-3

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Lifetime



LifetimeVsTc

FailureRate



Lumen Maintenance Diagram - CorePro LED PLC 9.5W 830 4P G24q-3

