

CorePro LED PLC 4P

CorePro LED PLC 9.5W 830 4P G24q-3

LED, PL-C, HF/Mains, G24Q-3 ROT, 9.5 W, 26W PL-C, 3000 K, 990 lm, CRI 82, 30000 hour(s)

The CorePro LED PLC 4P 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	G24q-3 ROT
Nominal lifetime	30,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years

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)	104 lm/W
Color Consistency	<6
Color 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.	-

CorePro LED PLC 4P

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

Bulb 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
Energy Consumption kWh/1000 h	10 kWh
EPREL Registration Number	1945436
CE mark	Yes

EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

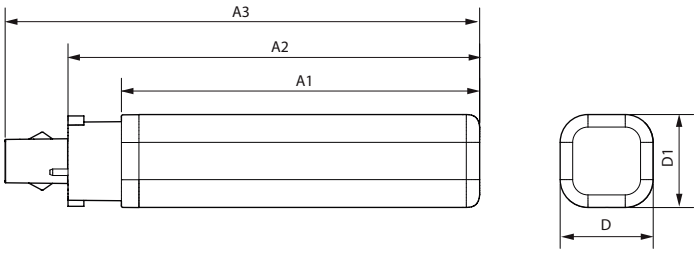
Application Conditions

can it be used in closed luminaires	Yes

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 product code	872016929049500
Order code	929003758002
Material Nr. (12NC)	929003758002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169290495
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169290501

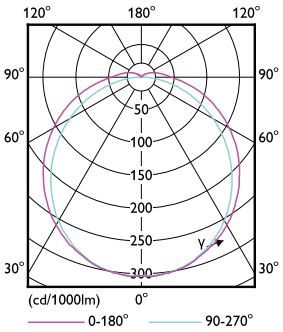
Dimensional drawing



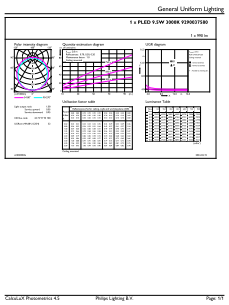
Product	D1	D2	A1	A2	A3
CorePro LED PLC 9.5W 830 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

CorePro LED PLC 4P

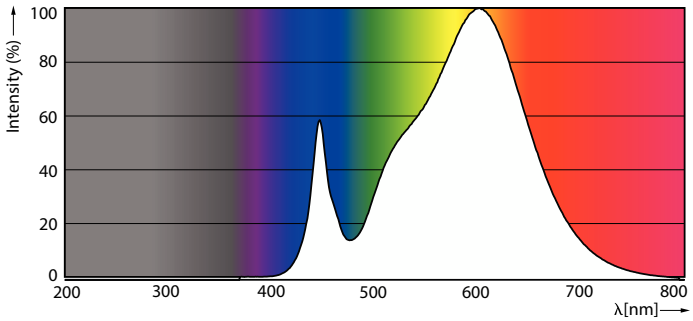
Photometric data



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

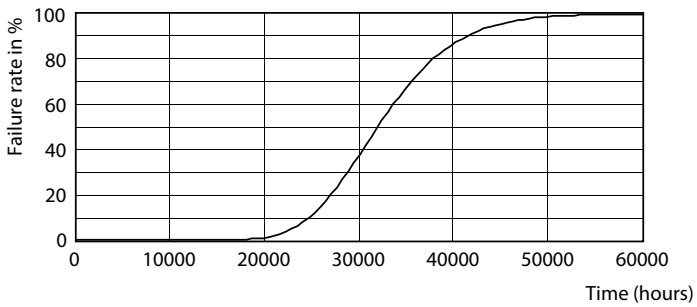


General uniform lighting - CorePro LED PLC 9.5W 830 4P G24q-3

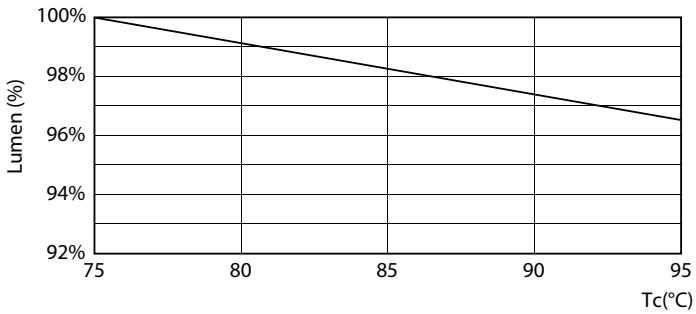


Spectral Power Distribution Colour - CorePro LED PLC 9.5W 830 4P G24q-3

Lifetime



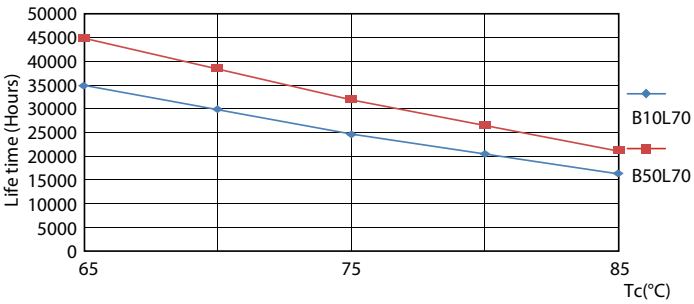
Life Expectancy Diagram

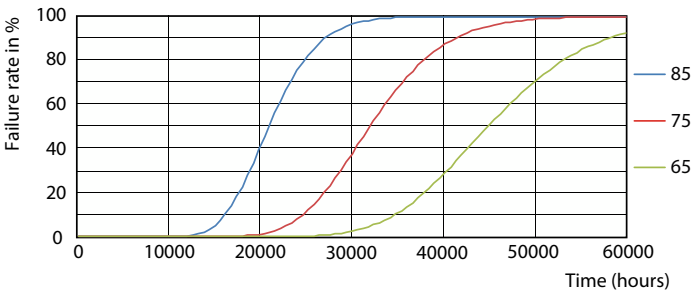


Lumen Maintenance Diagram - CorePro LED PLC 9.5W 830 4P G24q-3

CorePro LED PLC 4P

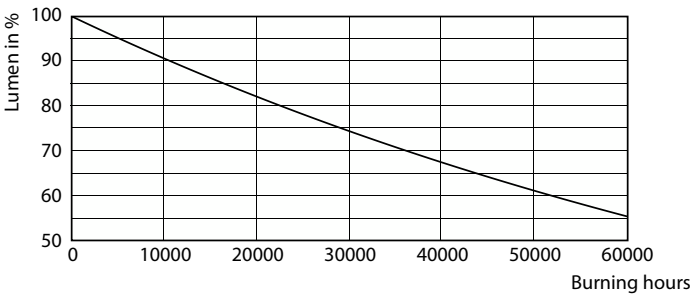
Lifetime





LifetimeVsTc

FailureRate



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

© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.