



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 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 Rotatable end-cap
Nominal lifetime	30,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years

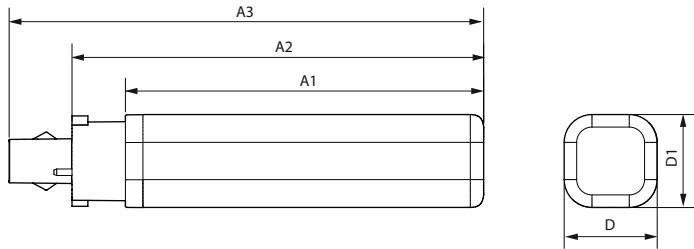
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	990 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	104 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	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.	

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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-	EU RoHS compliant	Yes
Ballast Compatibility	HF/Mains	Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Temperature		Stroboscopic effect visibility measure (SVM)	0.4
T-Case Maximum (Nom)	75 °C	Ambient temperature range	-20 to +45 °C
Controls and Dimming		Application Conditions	
Dimmable	No	can it be used in closed luminaires	Yes
Mechanical and Housing		Product Data	
Bulb Finish	Frosted	Order product name	CorePro LED PLC 9.5W 830 4P G24q-3
Bulb Material	Plastic	Full product name	CorePro LED PLC 9.5W 830 4P G24q-3
Product Length	148 mm	Full product code	872016929049500
Bulb Shape	PL-C	Order code	929003758002
Net Weight (Piece)	0.108 kg	Material Nr. (12NC)	929003758002
Approval and Application		Numerator - Quantity Per Pack	1
Energy Efficiency Class	F	EAN/UPC - Product/Case	8720169290495
Energy Saving Product	Yes	Numerator - Packs per outer box	10
Approval Marks	RoHS compliance	EAN/UPC - Case	8720169290501
Energy Consumption kWh/1000 h	10 kWh		
EPREL Registration Number	1945436		
CE mark	Yes		

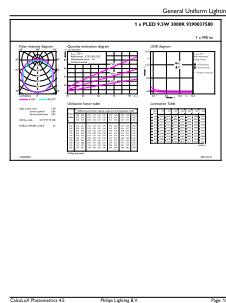
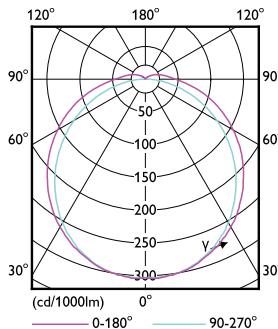
Dimensional drawing



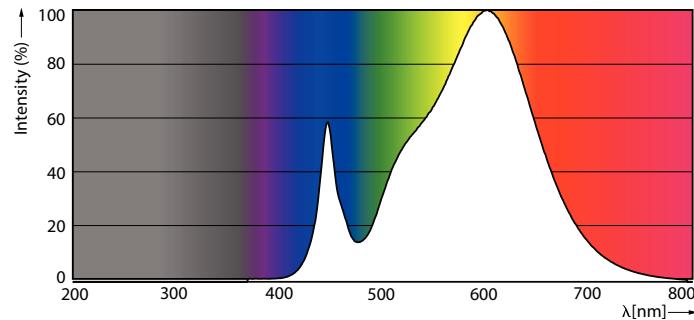
Product	D1	D2	A1	A2	A3
CorePro LED PLC 9.5W 830 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

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Photometric data

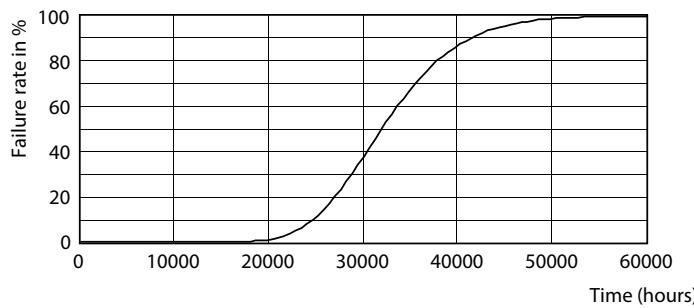


Light Distribution Diagram - CorePro LED PLC 9.5W 830 4P G24q-3

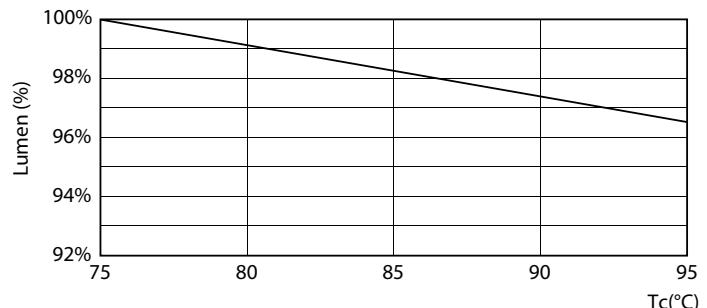


Spectral Power Distribution Colour - CorePro LED PLC 9.5W 830 4P G24q-3

Lifetime



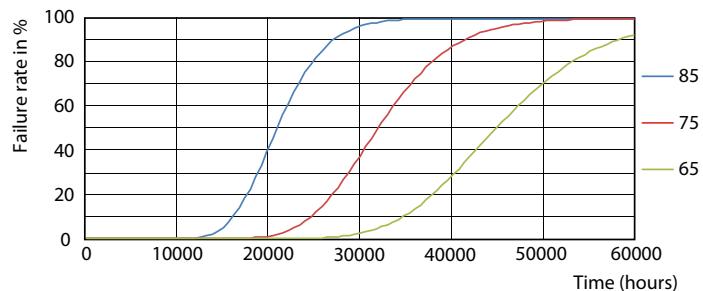
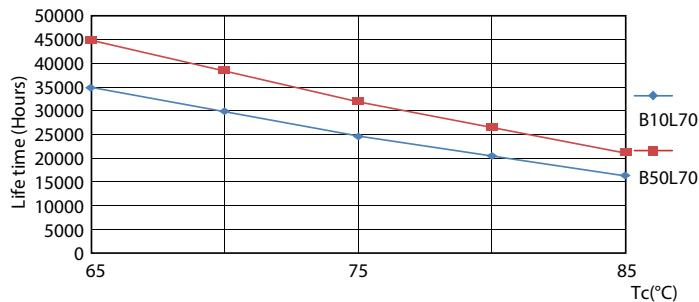
Life Expectancy Diagram



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

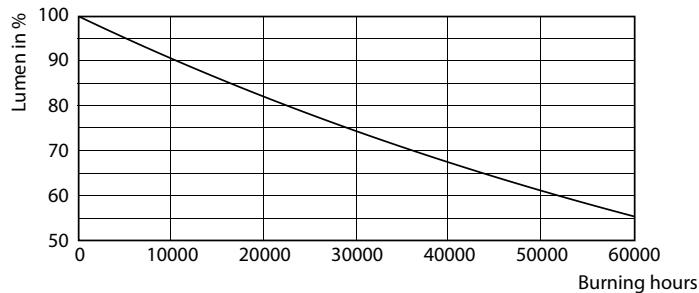
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Lifetime



LifetimeVsTc

FailureRate



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

