CorePro LED PLC 4P

CorePro LED PLC 9.5W 840 4P G24q-3

CorePro, LED, PL-C, HF/Mains, G24Q-3 ROT, 9.5 W, 26W PL-C, 4000 K, 1100 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	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	1,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	115 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.	–
Ballast Compatibility	HF/Mains

Temperature

T-Case Maximum (Nom)	75 ℃

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	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	10 kWh
EPREL Registration Number	1945440
CE mark	Yes

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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 ℃

Application Conditions

can it be used in closed luminaires	Yes

Product Data

Order product name	CorePro LED PLC 9.5W 840 4P G24q-3
Full product name	CorePro LED PLC 9.5W 840 4P G24q-3
Full product code	872016929051800
Order code	929003758102
Material Nr. (12NC)	929003758102
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169290518
Numerator – Packs per outer box	10
EAN/UPC – Case	8720169290525

Dimensional drawing
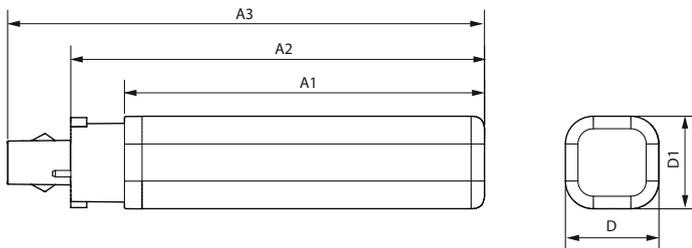
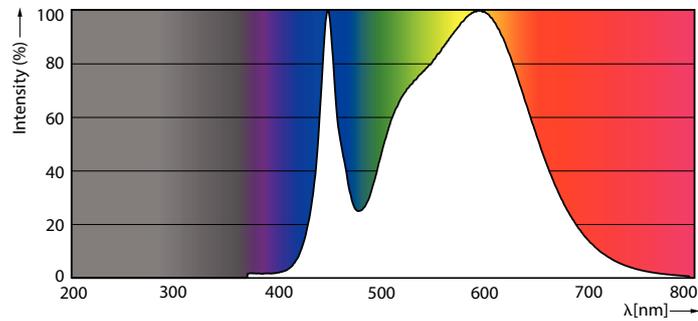| Product	D1	D2	A1	A2	A3
CorePro LED PLC 9.5W 840 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

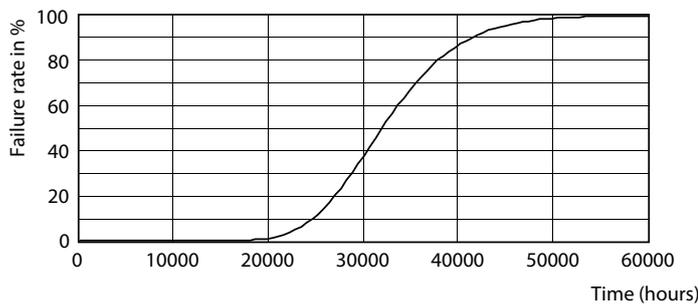# CorePro LED PLC 4P

Photometric data
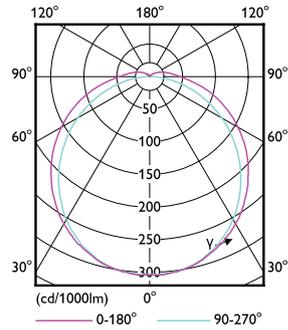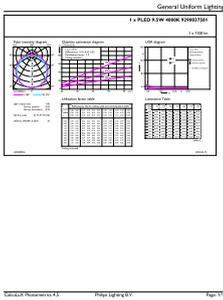
General uniform lighting – CorePro LED PLC 9.5W 840 4P G24q-3

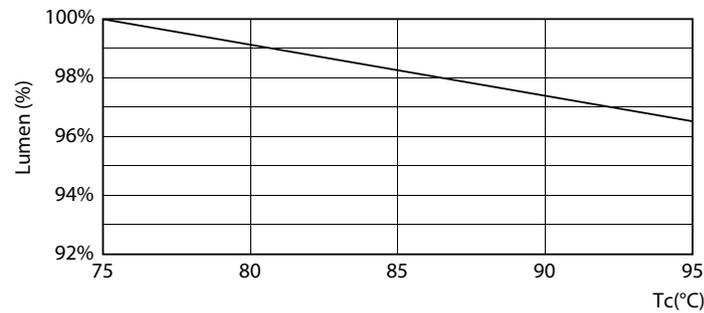**Light Distribution Diagram – CorePro LED PLC 9.5W 840 4P G24q-3**

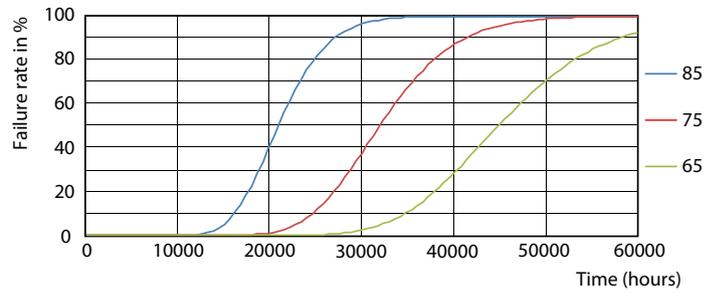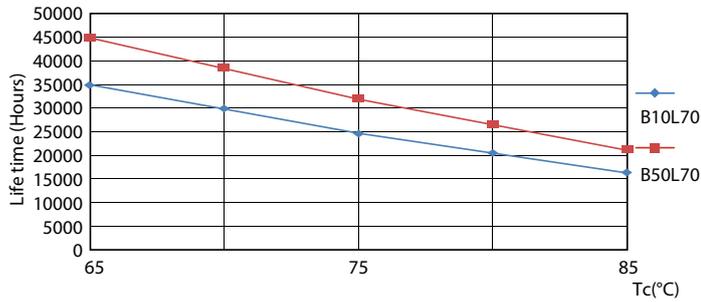**Spectral Power Distribution Colour – CorePro LED PLC 9.5W 840 4P G24q-3**

Lifetime

Life Expectancy Diagram

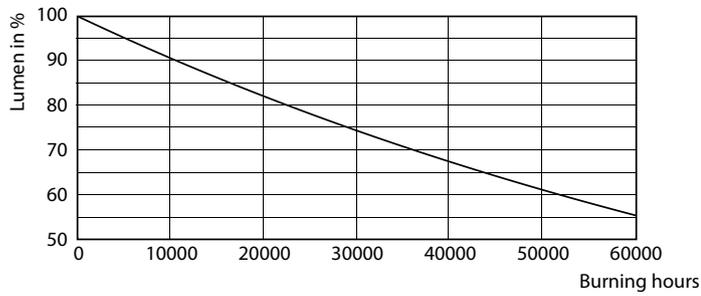**Lumen Maintenance Diagram – CorePro LED PLC 9.5W 840 4P G24q-3**

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Lifetime

LifetimeVsTc

FailureRate

Lumen Maintenance Diagram – CorePro LED PLC 9.5W 840 4P G24q-3

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2025, December 22 – data subject to change