CorePro LED PLL

CorePro LED PLL HF 24W 865 4P 2G11

CorePro, LED, PL-L, HF, 528 mm, 24 W, 55W PL-L, 6500 K, 3400 lm, CRI 83, 30000 h

Philips CorePro LED PLL is the ideal uplamping solution for downlights & luminaires in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

Product data

General Information

Cap base	2G11
Nominal lifetime	30,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years

Light Technical

Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	160 degree(s)
Luminous Flux	3,400 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	141.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	83
LLMF at end of nominal lifetime (nom.)	70 %

Photobiological safety according to EN 62471	RG0

Operating and Electrical

Line Frequency	20000-70000 Hz
Input frequency	20000-70000 Hz
Power Consumption	24 W
Lamp current (max.)	600 mA
Lamp current (min.)	400 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	53-77 V
LED alternative to fluorescent lamp power	55W PL-L
Inrush current at mains	–
Max. lamp no. on MCB B type 10A — Mains	–
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.	–

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Max. lamp no. on MCB B type 16A — Mains	–
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	–
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	–
Ballast Compatibility	HF

Temperature

T–Case maximum (nom.)	70 ℃

Controls and Dimming

Dimmable	No

Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	528 mm
Bulb shape	PL–L
Net Weight (Piece)	0.160 kg

Approval and Application

Energy Efficiency Class	E
Energy–saving product	Yes

Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	24 kWh
EPREL Registration Number	387357
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	–20℃ to 45℃

Product Data

Order product name	CorePro LED PLL HF 24W 865 4P 2G11
Full product name	CorePro LED PLL HF 24W 865 4P 2G11
Full EOC	871869682843400
Order code	929001920602
Material no. (12 NC)	929001920602
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696828434
Numerator – packs per outer box	10
EAN/UPC – Case	8718696828441

Dimensional drawing

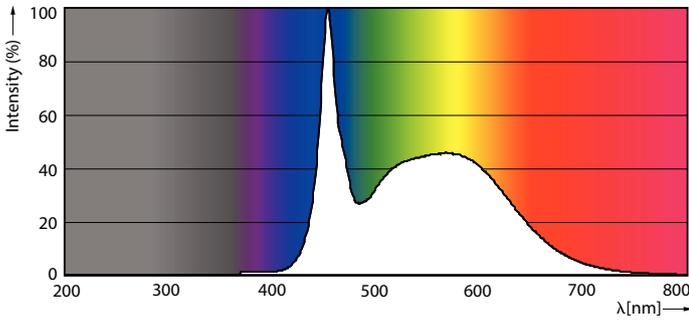| Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 24W 865 4P 2G11	17 mm	38 mm	453 mm	528 mm	535 mm

CorePro LED PLL
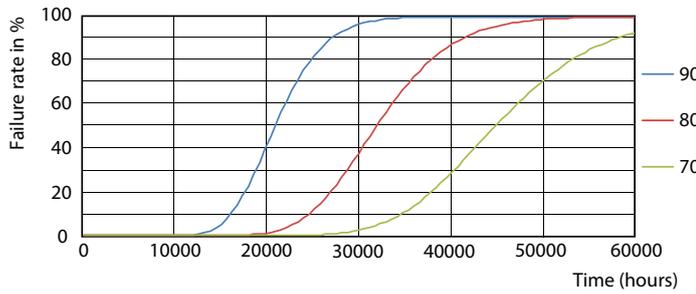
Photometric data
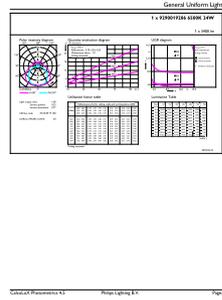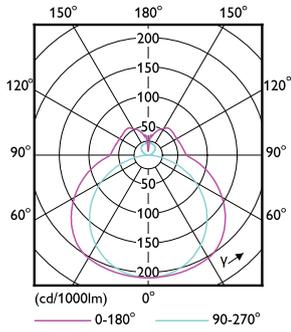
Light Distribution Diagram – CorePro LED PLL HF 24W 865 4P 2G11

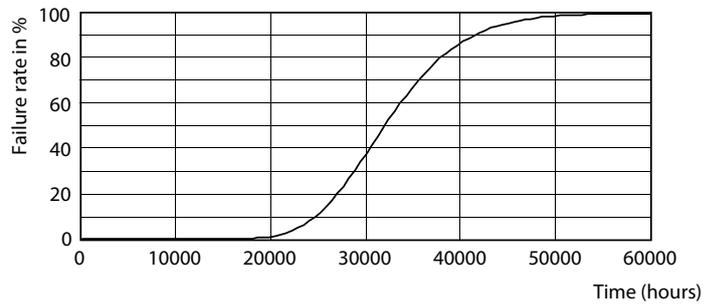**General uniform lighting – CorePro LED PLL HF 24W 865 4P 2G11**

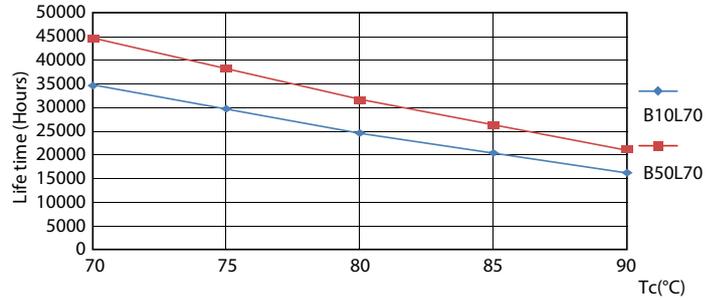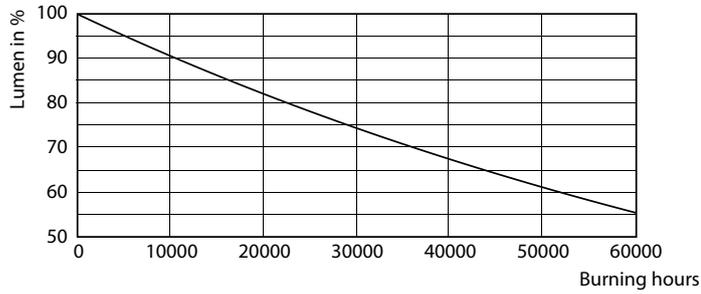**Spectral Power Distribution Colour – CorePro LED PLL HF 24W 865 4P 2G11**

Lifetime

LEDtube CorePro PLL HF 24W 2G11 830 24D ND
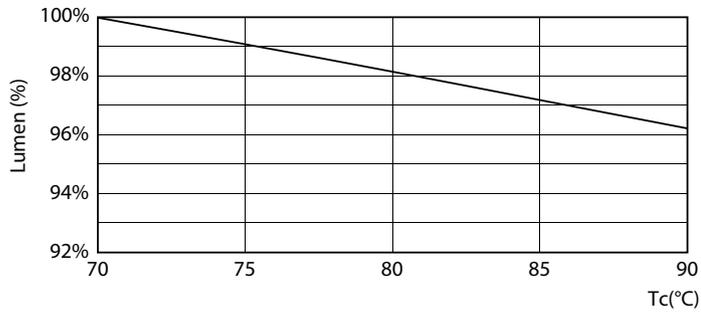

LEDtube CorePro PLL HF 24W 2G11 830 24D ND

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Lifetime

Lumen Maintenance Diagram – CorePro LED PLL HF 24W 865 4P 2G11

LEDtube CorePro PLL HF 24W 2G11 830 24D ND

Lumen Maintenance Diagram – CorePro LED PLL HF 24W 865 4P 2G11

www.lighting.philips.com

2023, April 14 – data subject to change