



CorePro LED PLL



CorePro LED PLL HF 24W 830 4P 2G11

CorePro, LED, PL-L, HF, 528 mm, 24 W, 55W PL-L, 3000 K, 3200 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		Photobiological safety according to EN 62471	
Cap base	2G11	RG0	
Nominal lifetime	30,000 h		
Switching Cycle	50,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
Warranty period	3 years		
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3000K]	Line Frequency	20000-70000 Hz
Beam angle (nom.)	160 degree(s)	Input frequency	20000-70000 Hz
Luminous Flux	3,200 lm	Power Consumption	24 W
Colour designation	White (WH)	Lamp current (max.)	600 mA
Correlated Colour Temperature (Nom)	3000 K	Lamp current (min.)	400 mA
Luminous efficacy (rated) (nom.)	133.00 lm/W	Starting time (nom.)	0.5 s
Colour consistency	<6	Warm-up time to 60% light	0.5 s
Colour rendering index (CRI)	83	Power Factor (Fraction)	0.9
LLMF at end of nominal lifetime (nom.)	70 %	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 °C
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Controls and Dimming

Dimmable	No
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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	387355
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20°C to 45°C

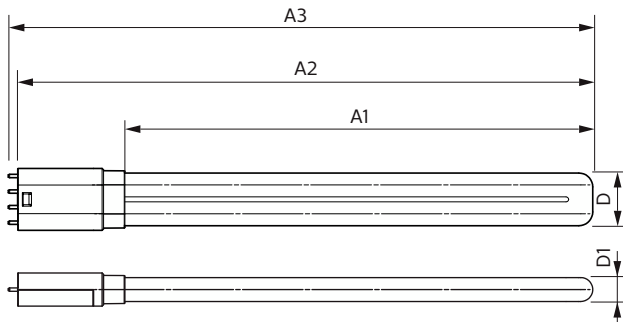
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	CorePro LED PLL HF 24W 830 4P 2G11
Full product name	CorePro LED PLL HF 24W 830 4P 2G11
Full EOC	871869682839700
Order code	929001920402
Material no. (12 NC)	929001920402
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696828397
Numerator – packs per outer box	10
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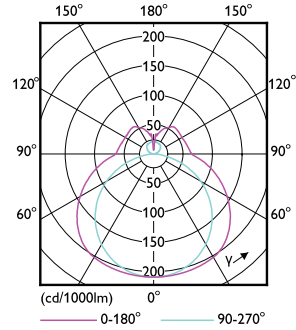
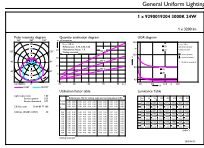
Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 24W 830 4P 2G11	17 mm	38 mm	453 mm	528 mm	535 mm

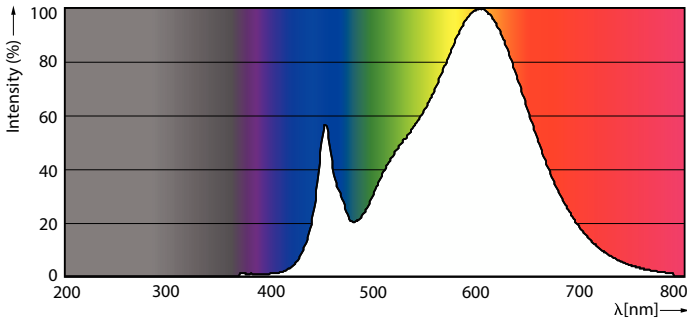
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Photometric data



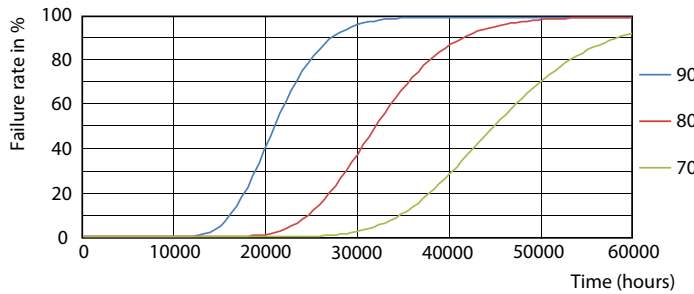
General uniform lighting - CorePro LED PLL HF 24W 830 4P 2G11

Light Distribution Diagram - CorePro LED PLL HF 24W 830 4P 2G11

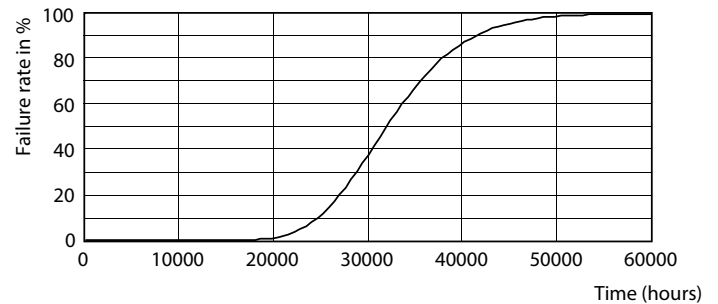


Spectral Power Distribution Colour - CorePro LED PLL HF 24W 830 4P 2G11

Lifetime



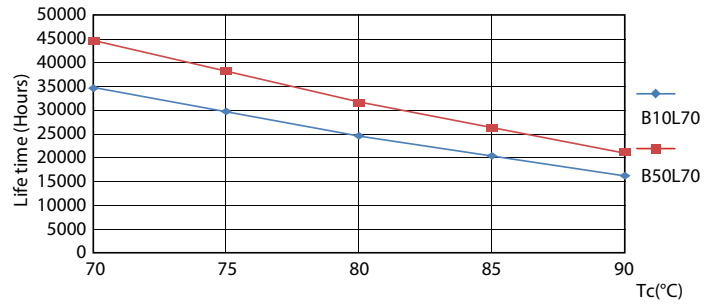
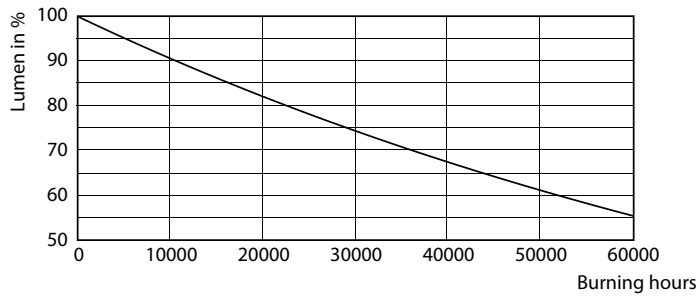
LEDtube CorePro PLL HF 24W 2G11 830 24D ND



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

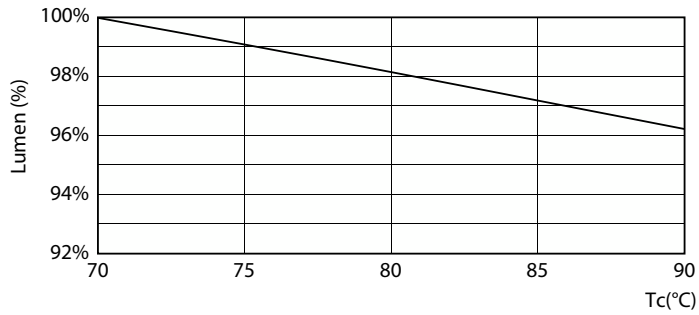
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Lifetime



Lumen Maintenance Diagram - CorePro LED PLL HF 24W 830 4P 2G11

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



Lumen Maintenance Diagram - CorePro LED PLL HF 24W 830 4P 2G11

