



CorePro LED PLL



CorePro LED PLL Mains 24W 840 4P

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 [2G11]
Nominal lifetime	30,000 h
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes
Flux measurement reference	Sphere
Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	160 degree(s)
Luminous Flux	3,400 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	141 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Photobiological safety according to EN 62471 RG0	

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	24 W
Lamp current (nom.)	127 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	55 W
Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	500 mm

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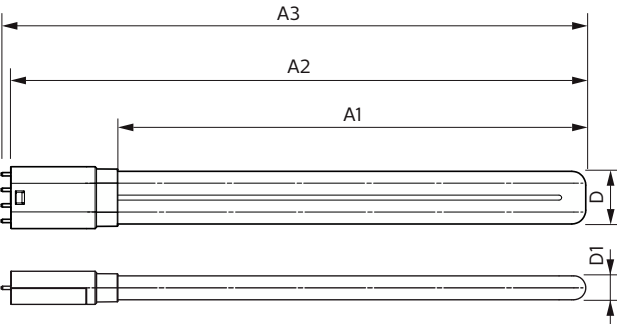
Bulb shape	Tube, single-ended
Approval and Application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	24 kWh
EPREL registration number	1370830

Product Data

Full EOC	872016915713200
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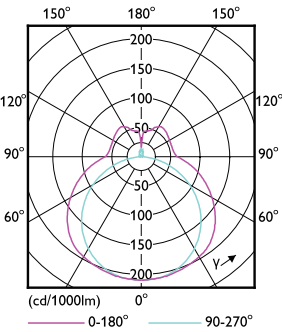
Order product name	CorePro LED PLL Mains 24W 840 4P
Order code	15713200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929003592902
Full product name	CorePro LED PLL Mains 24W 840 4P
EAN/UPC – Case	8720169157149

Dimensional drawing

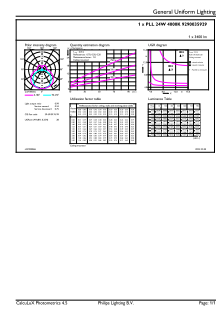


Product	D1	D2	A1	A2	A3
CorePro LED PLL Mains 24W 840 4P	17 mm		453 mm	528 mm	535 mm

Photometric data

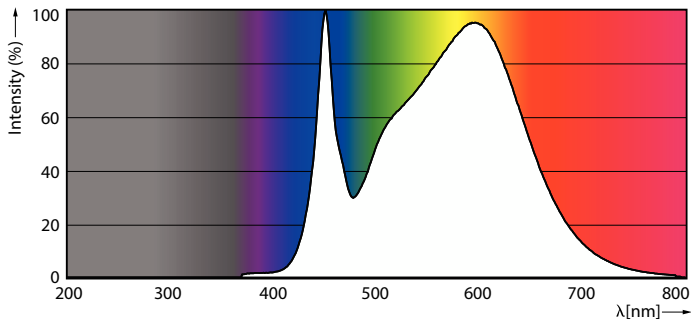


Light Distribution Diagram



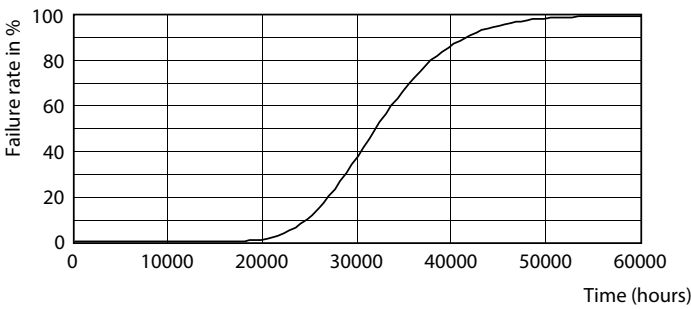
General uniform lighting – CorePro LED PLL Mains 24W 840 4P

Photometric data

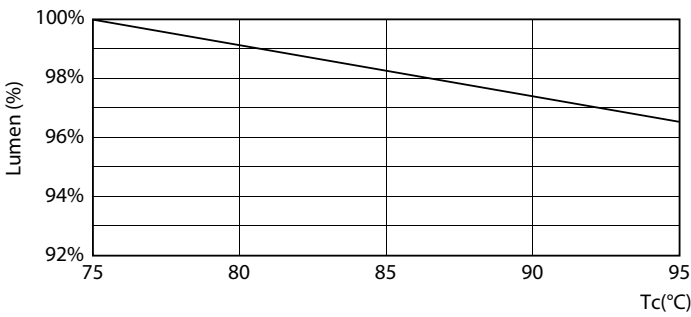


Spectral Power Distribution Colour

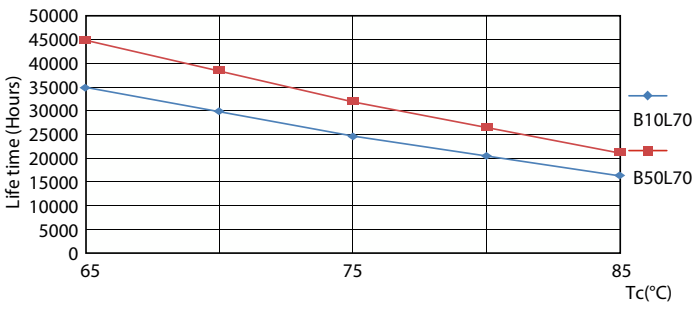
Lifetime



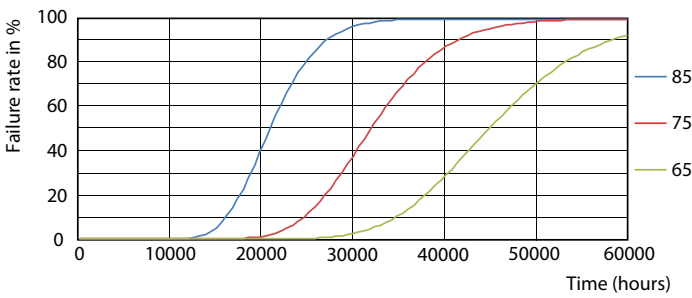
Life Expectancy Diagram - CorePro LED PLL Mains 24W 840 4P



Lumen Maintenance Diagram



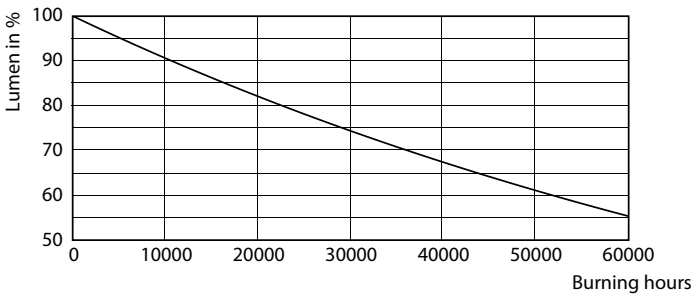
Life Expectancy Diagram



Life Expectancy Diagram

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLL Mains 24W 840 4P

