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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			
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 $\%$				
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					
Temperature						
Ambient temperature range	-20°C to 45°C					
T-Case maximum (nom.)	75 ℃					
Controls and dimming						
Dimmable	No					
Mechanical and housing						
Lamp Finish	Frosted					
Bulb material	Glass					
Product length	500 mm					
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					

Datasheet, 2023, April 15 data subject to change

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Energy consumption kWh/1,000 hours	24 kWh
EPREL registration number	1370830
EU RoHS compliant	Yes
Product data	
Full EOC	872016915713200

15713200

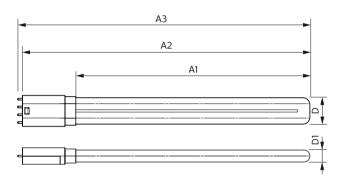
CorePro LED PLL Mains 24W 840 4P

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

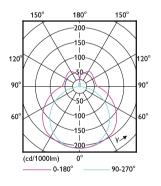
Order product name

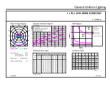
Order code



Product	D1	D2	A1	A2	А3
CorePro LED PLL Mains 24W 840 4P	17 mm		453 mm	528 mm	535 mm

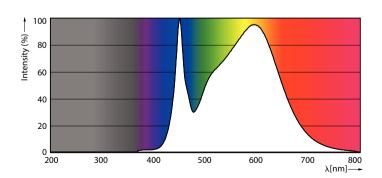
Photometric data





Light Distribution Diagram

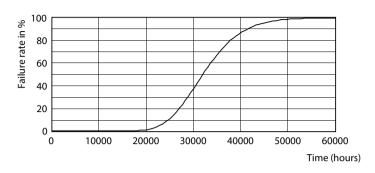
General uniform lighting - CorePro LED PLL Mains 24W 840 4P

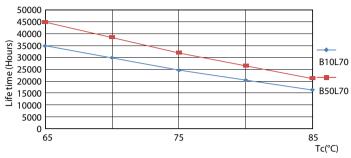


Spectral Power Distribution Colour

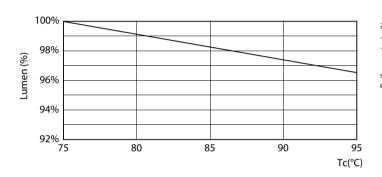
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Lifetime

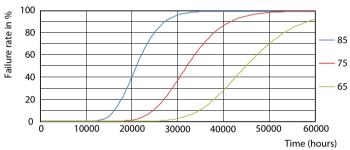




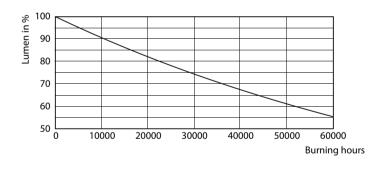
Life Expectancy Diagram - CorePro LED PLL Mains 24W 840 4P



Life Expectancy Diagram



Lumen Maintenance Diagram



Life Expectancy Diagram

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

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