

PHILIPS

CorePro LED PLL

CorePro LED PLL Mains 24W 830 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]				
EU RoHS compliant	Yes				
Nominal lifetime	30,000 hour(s)				
Switching Cycle	200,000				
Lighting Technology	LED				
Flux measurement reference	Sphere				
Brand	Philips				
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	3,200 lumen				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	133 lm/W				
Color Consistency	<6				
Color 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					
Bulb Finish	Frosted				
Bulb Material	Glass				
Product Length	500 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Saving Product	Yes				

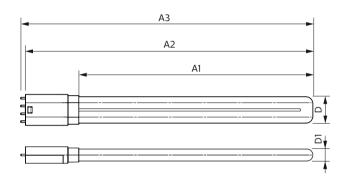
Datasheet, 2023, May 5 data subject to change

CorePro LED PLL

Approval Marks	RoHS compliance TUV CE marking KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	24 kWh			
EPREL Registration Number	1,370,829			
Product Data				
Full product code	872016915711800			
Order product name	CorePro LED PLL Mains 24W 830 4P			
Order code	929003592802			

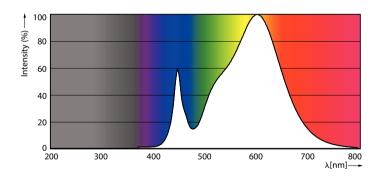
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	10				
Material number (12NC)	929003592802				
Net weight	0.192 kg				
Full product name	CorePro LED PLL Mains 24W 830 4P				
EAN/UPC - Case	8720169157125				

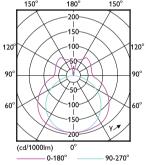
Dimensional drawing



Product	D1	D2	A1	A2	А3
CorePro LED PLL Mains 24W 830 4P	17 mm		453 mm	528 mm	535 mm

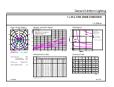
Photometric data





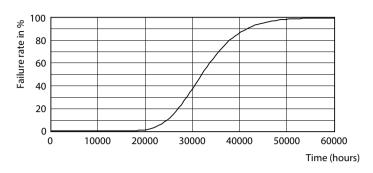
Spectral Power Distribution Colour

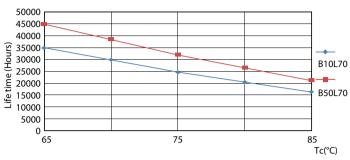
Light Distribution Diagram



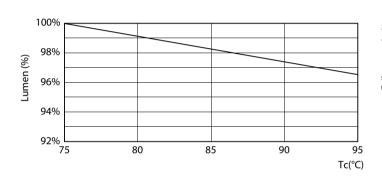
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Lifetime

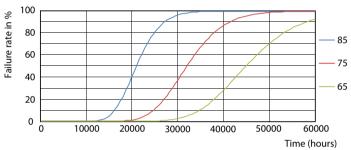




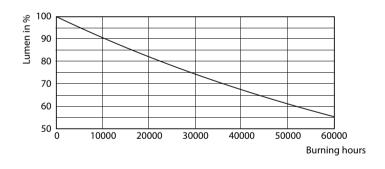
Life Expectancy Diagram - CorePro LED PLL Mains 24W 830 4P



Life Expectancy Diagram



Lumen Maintenance Diagram



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LED PLL Mains 24W 830 4P

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