PHILIPS

Lighting



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	
Lighting Technology	LED
Flux measurement reference	Sphere
Switching Cycle	200,000
Nominal lifetime	30,000 hour(s)
Cap-Base	2G11 [2G11]

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	3,400 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 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 °C

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 Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

CorePro LED PLL

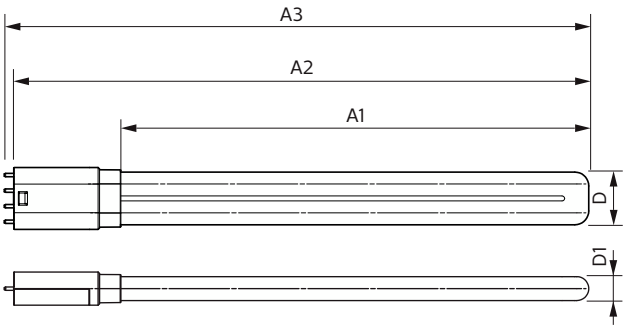
Energy Consumption kWh/1000 h	24 kWh
EPREL Registration Number	1370830
EU RoHS compliant	Yes

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

Product Data

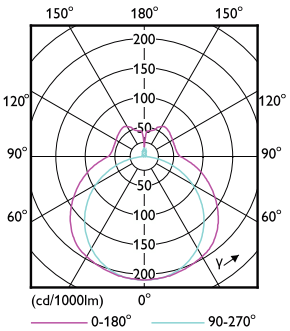
Full product code	872016915713200
Order product name	CorePro LED PLL Mains 24W 840 4P
Order code	929003592902

Dimensional drawing

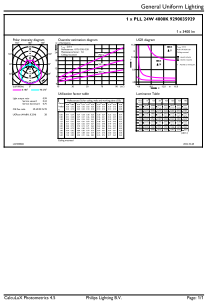


Product	D1	D2	A1	A2	A3
CorePro LED PLL Mains 24W 840 4P	17 mm		453 mm	528 mm	535 mm

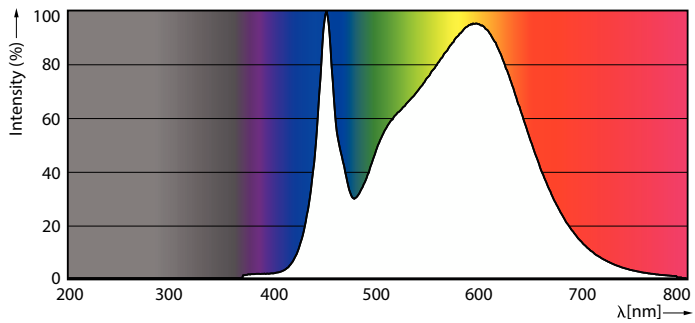
Photometric data



Light Distribution Diagram

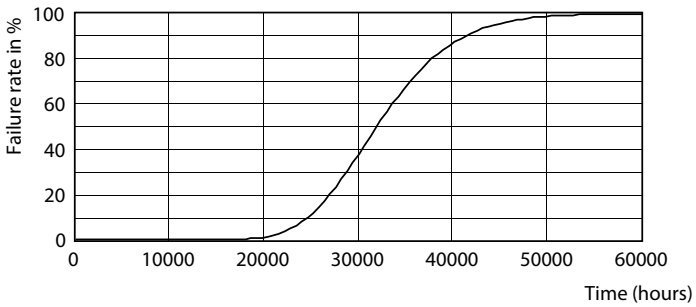


General uniform lighting - CorePro LED PLL Mains 24W 840 4P

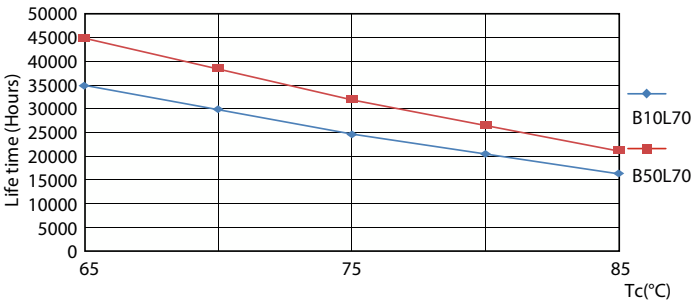


Spectral Power Distribution Colour

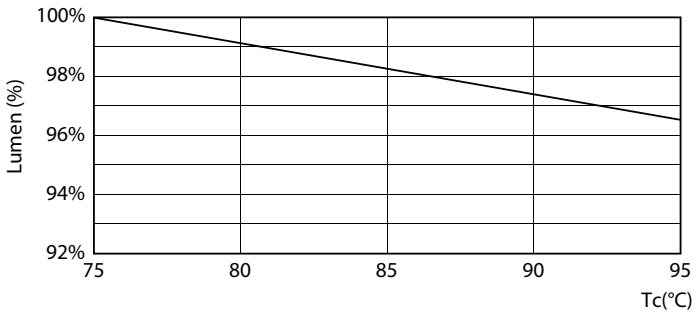
Lifetime



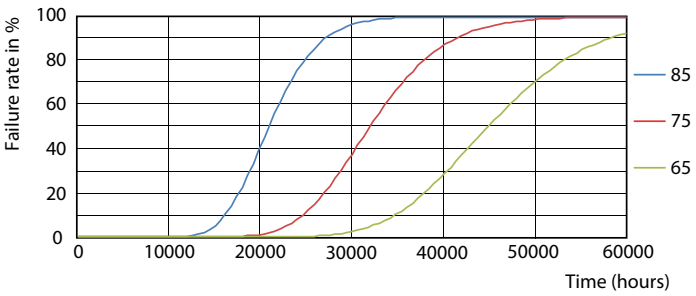
Life Expectancy Diagram - CorePro LED PLL Mains 24W 840 4P



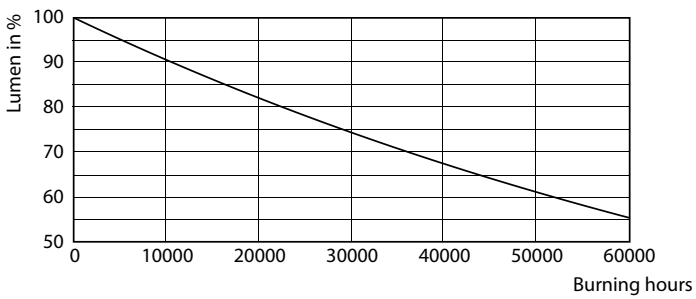
Life Expectancy Diagram



Lumen Maintenance Diagram



Life Expectancy Diagram



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



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