



CorePro LED PLL

CorePro LED PLL EM/Mains 16.5W 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		Temperature	
Cap-Base	2G11 [2G11]	Lamp Current (Nom)	83 mA
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Nominal lifetime	30,000 hour(s)	Warm-up time to 60% light	0.5 s
Switching Cycle	200,000	Power Factor (Fraction)	0.9
Lighting Technology	LED	Voltage (Nom)	220-240 V
Flux measurement reference	Sphere		
Light Technical		Ambient temperature range	-20 °C to 45 °C
Color Code	840 [CCT of 4000K]	T-Case Maximum (Nom)	70 °C
Beam Angle (Nom)	160 degree(s)		
Luminous Flux	2,100 lumen	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	127 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	80	Bulb Material	Glass
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	400 mm
		Bulb Shape	Tube, single-ended
Operating and Electrical			
Line Frequency	50 to 60 Hz	Approval and Application	
Input Frequency	50 to 60 Hz	Energy Saving Product	Yes
Power Consumption	16.5 W	Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

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Energy Consumption kWh/1000 h	17 kWh
EPREL Registration Number	1,370,828
Product Data	
Full product code	872016915709500
Order product name	CorePro LED PLL EM/Mains 16.5W 840 4P
Order code	929003592702
Numerator - Quantity Per Pack	1

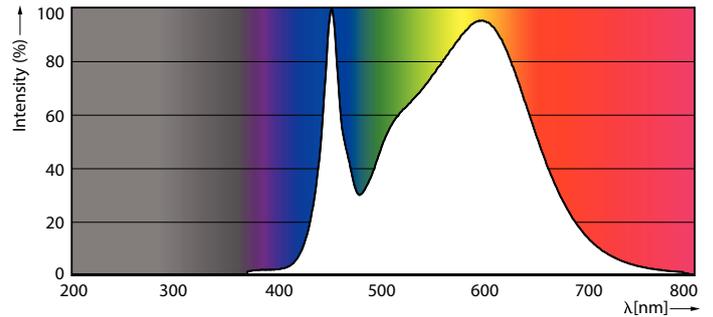
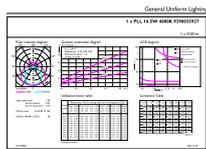
Numerator - Packs per outer box	10
Material number (12NC)	929003592702
Net weight	0.150 kg
Full product name	CorePro LED PLL EM/Mains 16.5W 840 4P
EAN/UPC - Case	8720169157101

Dimensional drawing

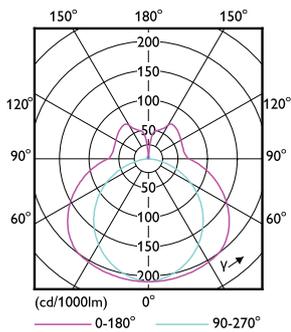


Product	D1	D2	A1	A2	A3
CorePro LED PLL EM/Mains 16.5W 840 4P	17 mm		330 mm	405 mm	412 mm

Photometric data



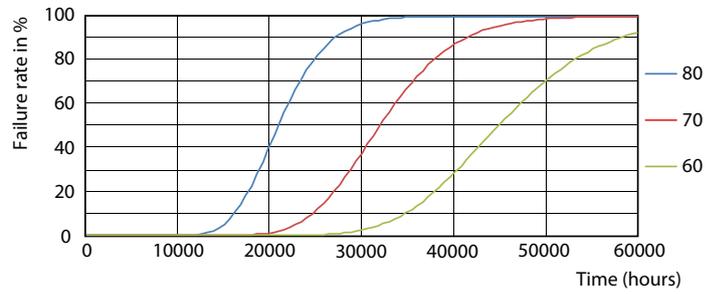
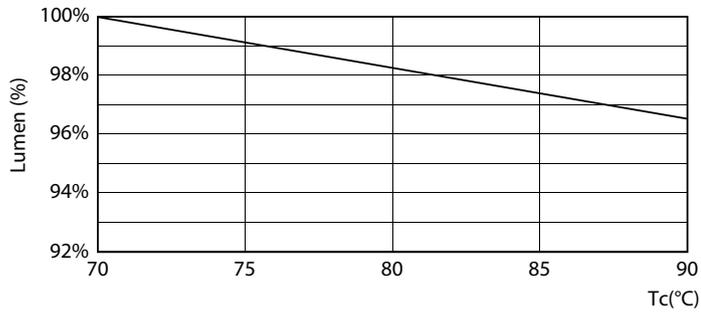
Spectral Power Distribution Colour



Light Distribution Diagram

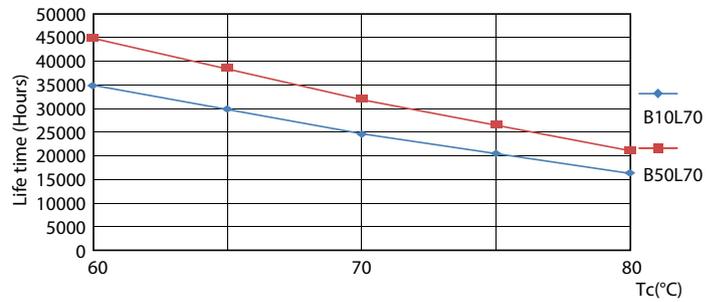
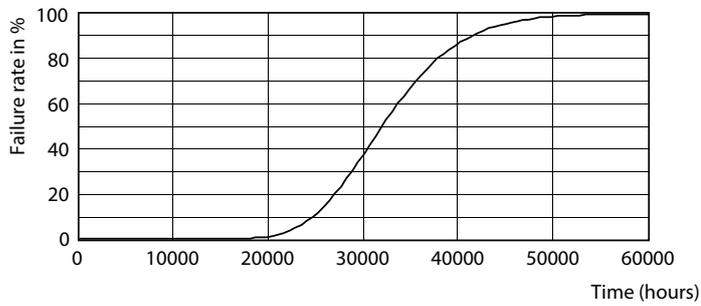
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Lifetime



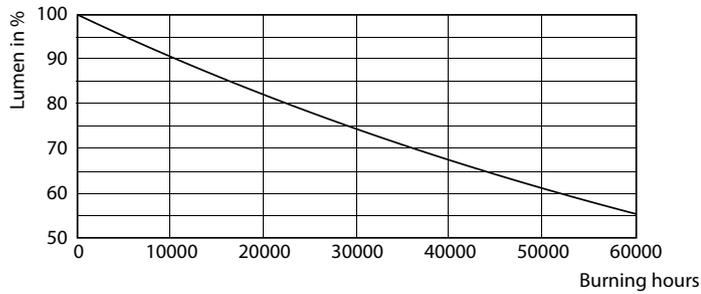
Lumen Maintenance Diagram

Life Expectancy Diagram



Life Expectancy Diagram - CorePro LED PLL EM/Mains 16.5W 840 4P

Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LED PLL EM/Mains 16.5W 840 4P

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