PHILIPS Lighting

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				
Cap-Base	2G11 [2G11]			
Nominal lifetime	30,000 hour(s)			
Switching Cycle	200,000			
Lighting Technology	LED			
Flux measurement reference	Sphere			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	2,100 lumen			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	127 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 16.5 W Lamp Current (Nom) 83 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 ℃ to 45 ℃				
T-Case Maximum (Nom)	70 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Frosted				
Bulb Material	Glass				
Product Length	400 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Efficiency Class	E				
Energy Saving Product	Yes				
Approval Marks	RoHS compliance TUV CE marking KEMA Keur				
	certificate				

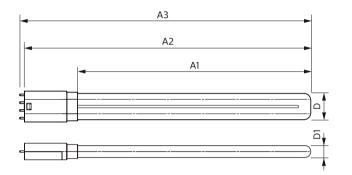
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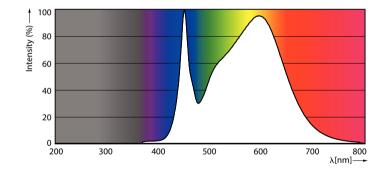
Energy Consumption kWh/1000 h	17 kWh				
EPREL Registration Number	1370828				
EU RoHS compliant	Yes				
Product Data					
Full product code	872016915709500				
Order product name	CorePro LED PLL EM/Mains 16.5W 840 4P				
Order code	929003592702				

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003592702
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

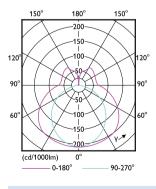


Photometric data



General uniform lighting - CorePro LED PLL EM/Mains 16.5W 840 4P

Spectral Power Distribution Colour

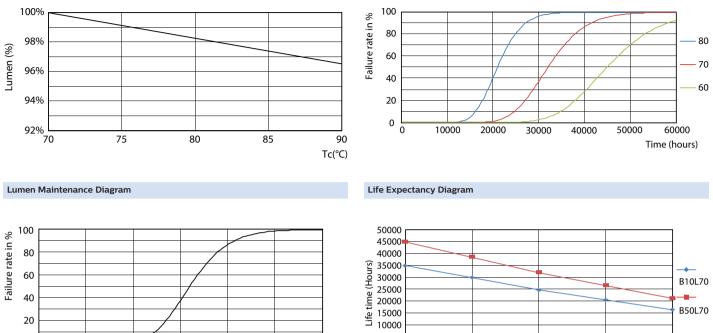


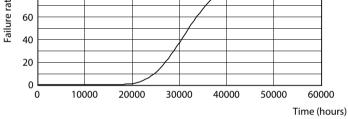
Light Distribution Diagram

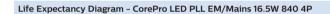
Datasheet, 2023, June 13

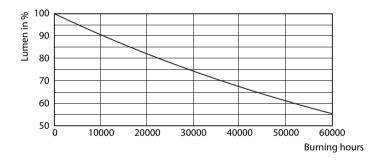
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Lifetime









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

Life Expectancy Diagram

70

5000

0

60

. B50L70

80 Tc(°C)

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www.lighting.philips.com 2023, June 13 - data subject to change