



CorePro LED PLL EM/Mains 8W 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	960 lumen		
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	120 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		

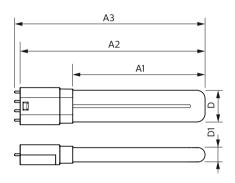
Power Consumption	8 W				
Lamp Current (Nom)	42 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	70 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Frosted				
Bulb Material	Glass				
Product Length	200 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Saving Product	Yes				

Datasheet, 2023, May 5 data subject to change

Approval Marks	RoHS compliance TUV CE marking KEMA Keu				
	certificate				
Energy Consumption kWh/1000 h	8 kWh				
EPREL Registration Number	1,370,823				
Product Data					
Full product code	872016915699900				
Order product name	CorePro LED PLL EM/Mains 8W 830 4P				
Order code	929003592202				

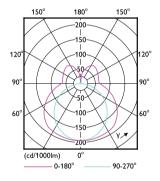
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003592202
Net weight	0.085 kg
Full product name	CorePro LED PLL EM/Mains 8W 830 4P
EAN/UPC - Case	8720169157002

Dimensional drawing

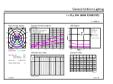


Product	D1	D2	A1	A2	А3
CorePro LED PLL EM/Mains 8W 830 4P	17 mm		156 mm	218 mm	224 mm

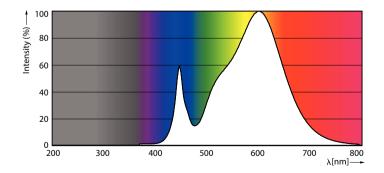
Photometric data



Light Distribution Diagram

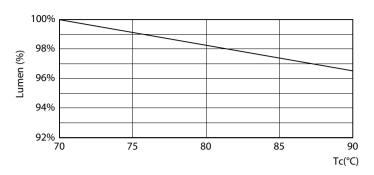


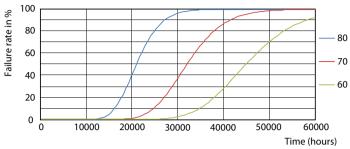
Part of Barrens () Bills United V Bur 19



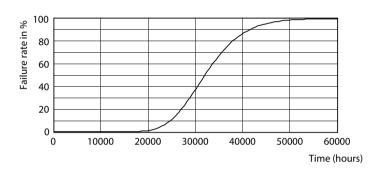
Spectral Power Distribution Colour

Lifetime

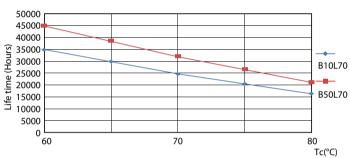




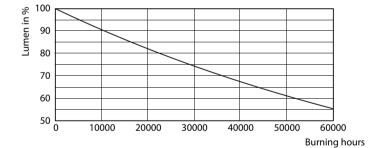
Lumen Maintenance Diagram



Life Expectancy Diagram



Life Expectancy Diagram - CorePro LED PLL EM/Mains 8W 830 4P



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LED PLL EM/Mains 8W 830 4P



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