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PHILIPS

Lighting



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]	
Nominal lifetime	30,000 hour(s)	
Switching Cycle	200,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
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 %		

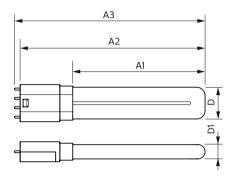
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	8 W	
Lamp Current (Nom)	42 mA	

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 ℃ to 45 ℃
T-Case Maximum (Nom)	70 ℃
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 Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur
	certificate

Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1370823
EU RoHS compliant	Yes
Product Data	
Full product code	872016915699900
Order product name	CorePro LED PLL EM/Mains 8W 830 4P
Order code	929003592202

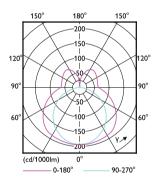
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	10		
Material number (12NC)	929003592202		
Full product name	CorePro LED PLL EM/Mains 8W 830 4P		
EAN/UPC - Case	8720169157002		

Dimensional drawing

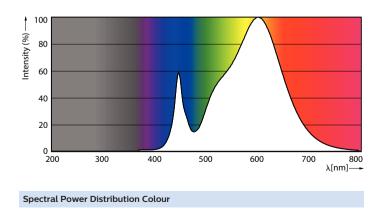


Product	D1	D2	A1	A2	A3
CorePro LED PLL EM/Mains 8W 830 4P	17 mm		156 mm	218 mm	224 mm

Photometric data



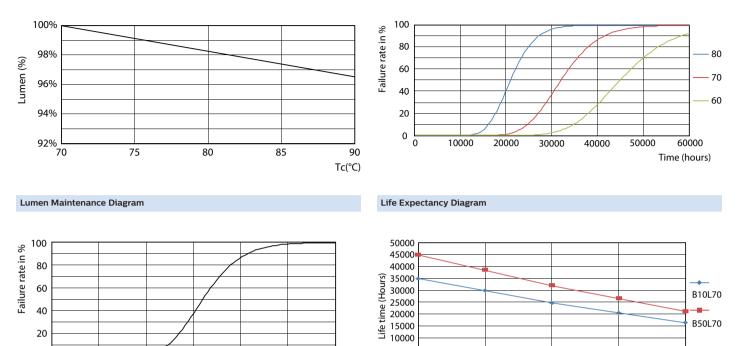
Light Distribution Diagram



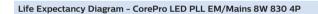
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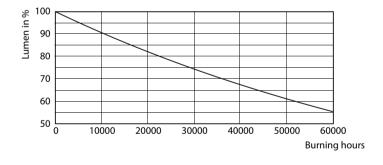
General uniform lighting - CorePro LED PLL EM/Mains 8W 830 4P

Lifetime



Time (hours)





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

Life Expectancy Diagram

Tc(°C)



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