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Lighting

PHILIPS

CorePro LED PLL

CorePro LED PLL HF 8W 830 4P 2G11

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	50,000	
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	20K-80K Hz	
Input Frequency	20K-80K Hz	

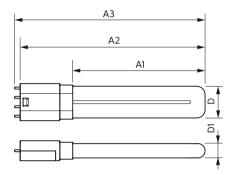
Power Consumption	8 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	20-60 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material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

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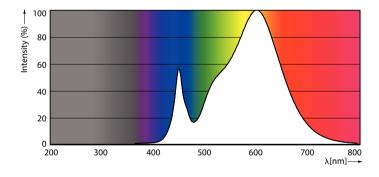
Energy Consumption kWh/1000 h	8 kWh	
EPREL Registration Number	1,370,819	
Product Data		
Full product code	871951448676800	
Order product name	CorePro LED PLL HF 8W 830 4P 2G11	
Order code	929003578802	
Numerator - Quantity Per Pack	1	

Numerator - Packs per outer box	10
Material number (12NC)	929003578802
Net weight	0.085 kg
Full product name	CorePro LED PLL HF 8W 830 4P 2G11
EAN/UPC - Case	8719514486775

Dimensional drawing

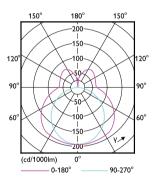


Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 8W 830 4P 2G11	17 mm		155 mm	217 mm	224 mm



Spectral Power Distribution Colour

Photometric data



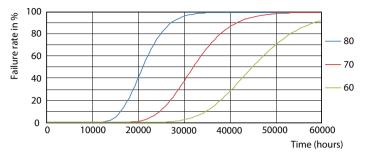
Light Distribution Diagram

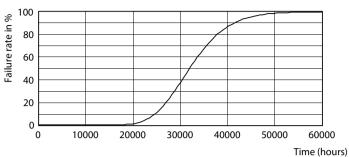
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Lifetime

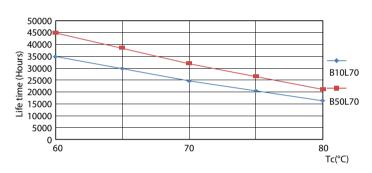


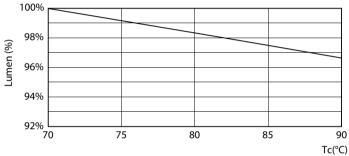


Life Expectancy Diagram

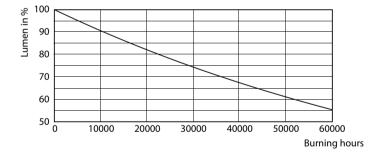
Life Expectancy Diagram - CorePro LED PLL HF 8W 830 4P 2G11

Lumen Maintenance Diagram





Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LED PLL HF 8W 830 4P 2G11

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