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**PHILIPS** 

Lighting



# 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]				
Nominal lifetime	30,000 hour(s)				
Switching Cycle	50,000				
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 %					

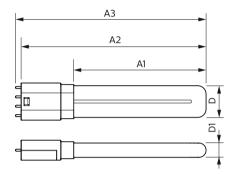
Operating and Electrical	
Line Frequency	20K-80K Hz
Input Frequency	20K-80K Hz
Power Consumption	8 W
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	20-60 V				
Temperature					
Ambient temperature range	-20 ℃ 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	1370819			
EU RoHS compliant	Yes			
Product Data				
Full product code	871951448676800			
Order product name	CorePro LED PLL HF 8W 830 4P 2G11			
Order code	929003578802			

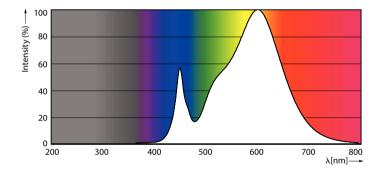
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	10				
Material number (12NC)	929003578802				
Full product name	CorePro LED PLL HF 8W 830 4P 2G11				
EAN/UPC - Case	8719514486775				

## Dimensional drawing



150°

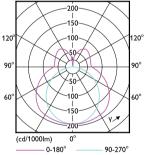
Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 8W 830 4P 2G11	17 mm		155 mm	217 mm	224 mm



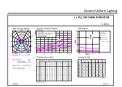
Spectral Power Distribution Colour

## 150° 180°

Photometric data



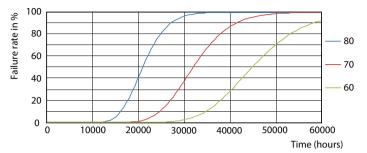
## Light Distribution Diagram

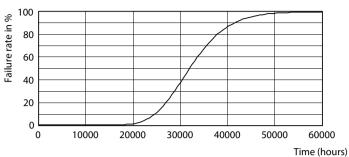


General uniform lighting - CorePro LED PLL HF 8W 830 4P 2G11

Datasheet, 2023, June 13

### Lifetime

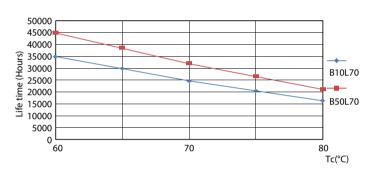


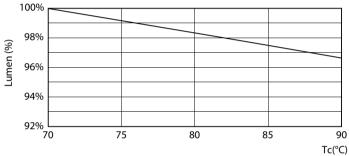


Life Expectancy Diagram

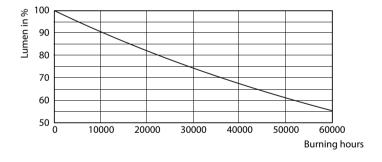
#### Life Expectancy Diagram - CorePro LED PLL HF 8W 830 4P 2G11

Lumen Maintenance Diagram





#### Life Expectancy Diagram



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



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