

# PHILIPS

# **CorePro LED PLL**

# CorePro LED PLL HF 12W 840 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	840 [CCT of 4000K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	1,500 lumen			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	125 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	12 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 ℃					
Controls and Dimming						
Dimmable	No					
Mechanical and Housing						
Bulb Finish	Frosted					
Bulb Material	Glass					
Product Length	300 mm					
Bulb Shape	Tube, single-ended					
Approval and Application						
Energy Saving Product	Yes					
Approval Marks	RoHS compliance TUV CE marking KEMA Keur					
	certificate					
Energy Consumption kWh/1000 h	12 kWh					
EPREL Registration Number	1,370,822					

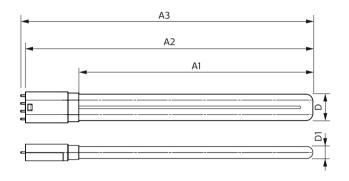
Datasheet, 2023, May 5 data subject to change

# CorePro LED PLL

EU RoHS compliant	Yes
Product Data	
Full product code	871951448682900
Order product name	CorePro LED PLL HF 12W 840 4P 2G11
Order code	929003579102
Numerator - Quantity Per Pack	1

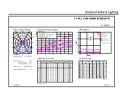
Numerator - Packs per outer box	10
Material number (12NC)	929003579102
Net weight	0.113 kg
Full product name	CorePro LED PLL HF 12W 840 4P 2G11
EAN/UPC - Case	8719514486836

# Dimensional drawing

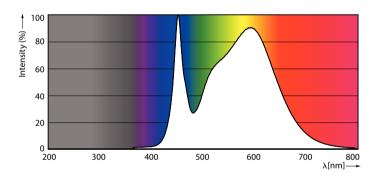


Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 12W 840 4P 2G11	17 mm		250 mm	312 mm	319 mm

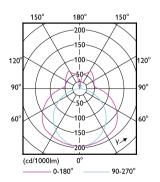
#### Photometric data







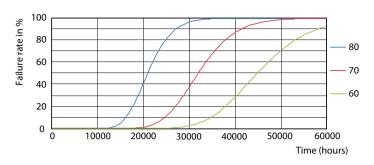
Spectral Power Distribution Colour

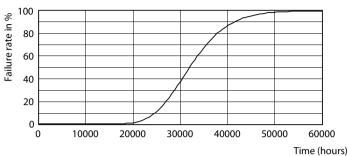


Light Distribution Diagram

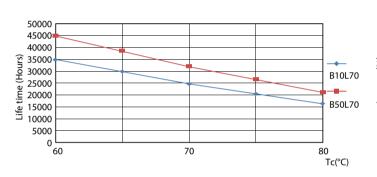
# CorePro LED PLL

#### Lifetime

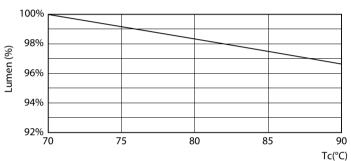




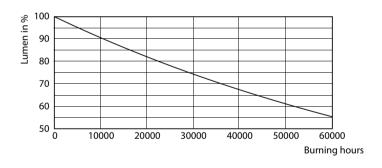
#### Life Expectancy Diagram



#### Life Expectancy Diagram - CorePro LED PLL HF 12W 840 4P 2G11



#### Life Expectancy Diagram



Lumen Maintenance Diagram

Lumen Maintenance Diagram - CorePro LED PLL HF 12W 840 4P 2G11

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