



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

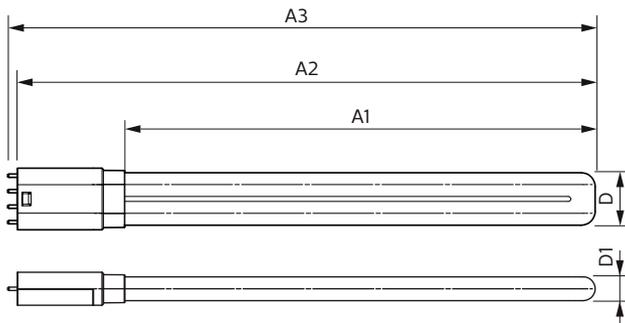
General Information		Power Consumption	
Cap base	2G11 [2G11]		12 W
Nominal lifetime	30,000 h	Starting time (nom.)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
EU RoHS compliant	Yes	Voltage (nom.)	20-60 V
Flux measurement reference	Sphere	LED alternative to fluorescent lamp power	24 W
Light Technical		Temperature	
Colour Code	840 [CCT of 4000K]	Ambient temperature range	-20°C to 45°C
Beam angle (nom.)	160 degree(s)	T-Case maximum (nom.)	70 °C
Luminous Flux	1,500 lm	Controls and Dimming	
Colour designation	Cool White (CW)	Dimmable	No
Correlated Colour Temperature	4000 K	Mechanical and Housing	
Luminous efficacy (rated) (nom.)	125 lm/W	Lamp Finish	Frosted
Colour consistency	<6	Bulb material	Glass
Colour rendering index (CRI)	80	Product length	300 mm
LLMF at end of nominal lifetime (nom.)	70 %	Bulb shape	Tube, single-ended
Photobiological safety according to EN 62471	RG0	Approval and Application	
Operating and Electrical		Energy Efficiency Class	E
Line Frequency	20K-80K Hz	Energy-saving product	Yes
Input frequency	20 K-80 K Hz		

CorePro LED PLL

Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	12 kWh
EPREL registration number	1370822
Product Data	
Full EOC	871951448682900
Order product name	CorePro LED PLL HF 12W 840 4P 2G11

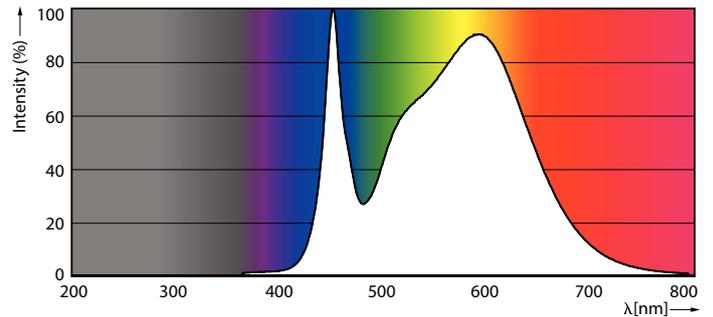
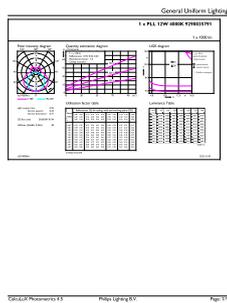
Order code	48682900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929003579102
Full product name	CorePro LED PLL HF 12W 840 4P 2G11
EAN/UPC - Case	8719514486836

Dimensional drawing



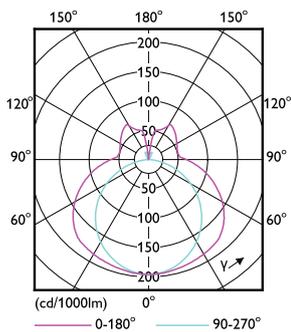
Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 12W 840 4P 2G11	17 mm		250 mm	312 mm	319 mm

Photometric data



General uniform lighting - CorePro LED PLL HF 12W 840 4P 2G11

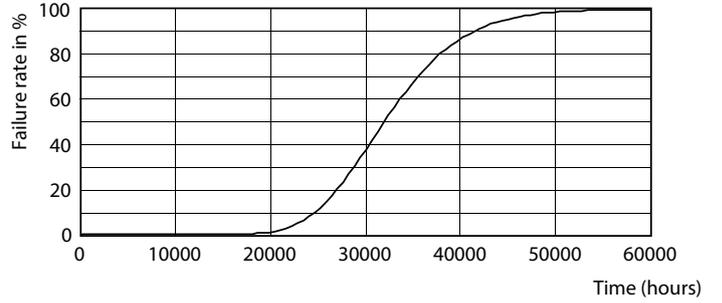
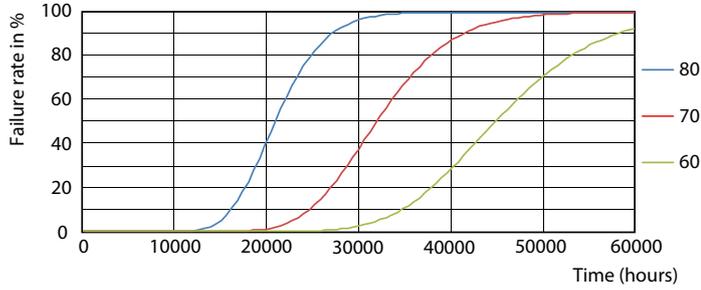
Spectral Power Distribution Colour



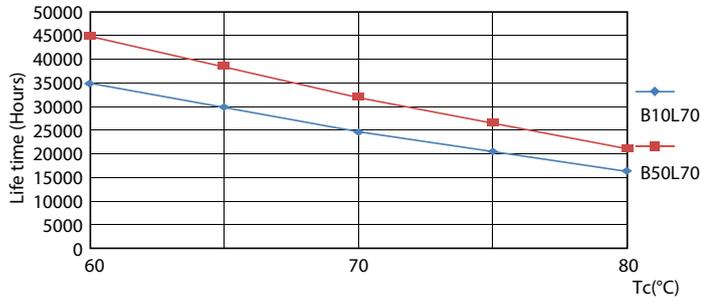
Light Distribution Diagram

CorePro LED PLL

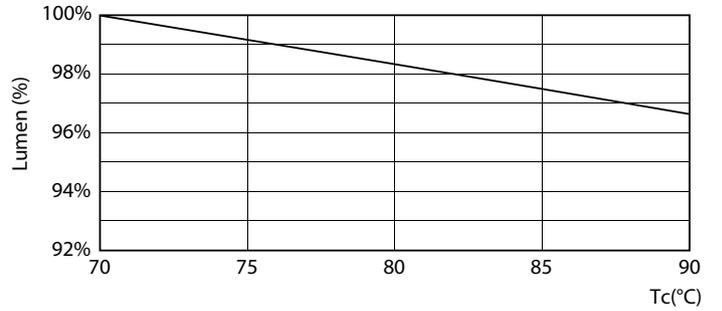
Lifetime



Life Expectancy Diagram

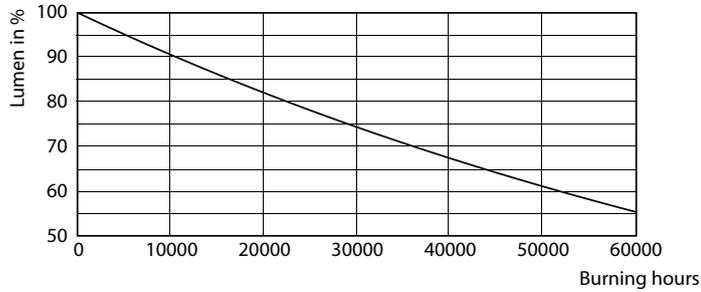


Life Expectancy Diagram - CorePro LED PLL HF 12W 840 4P 2G11



Life Expectancy Diagram

Lumen Maintenance Diagram



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

