

PHILIPS

CorePro LED PLL

CorePro LED PLL HF 16.5W 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	2,100 lumen				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	127.00 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	83				
LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical					
Line Frequency	39000-71000 Hz				
Input Frequency	39000-71000 Hz				
Power Consumption	16.5 W				
Starting Time (Nom)	0.5 s				

Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	53-77 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 Material	Glass				
Product Length	405 mm				
Bulb Shape	Tube, single-ended				
Approval and Application					
Energy Saving Product	Yes				
Approval Marks	TUV CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	17 kWh				
EPREL Registration Number	387,353				
CE mark	Yes				

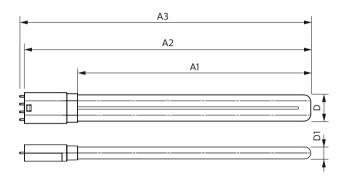
Datasheet, 2023, May 22 data subject to change

CorePro LED PLL

EU RoHS compliant	Yes				
Product Data					
Full product code	871869673974700				
Order product name	CorePro LED PLL HF 16.5W 840 4P 2G11				
Order code	929001381602				
Numerator - Quantity Per Pack	1				

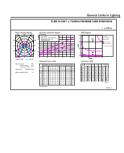
Numerator - Packs per outer box	10			
Material number (12NC)	929001381602			
Full product name	CorePro LED PLL HF 16.5W 840 4P 2G11			
EAN/UPC - Case	8718696739754			

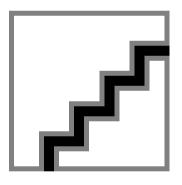
Dimensional drawing



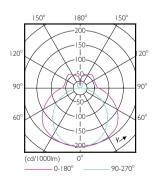
Product	D1	D2	A1	A2	А3
CorePro LED PLL HF 16.5W 840 4P	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm
2G11					

Photometric data





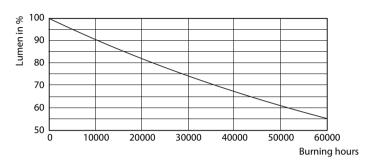
Spectral Power Distribution Colour - CorePro LED PLL HF 16.5W 840 4P 2G11

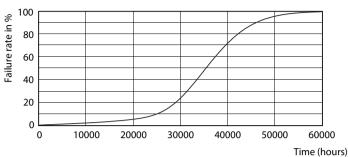


Light Distribution Diagram - CorePro LED PLL HF 16.5W 840 4P 2G11

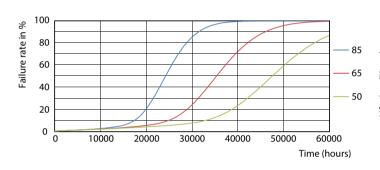
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Lifetime

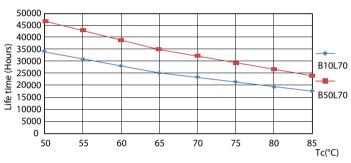




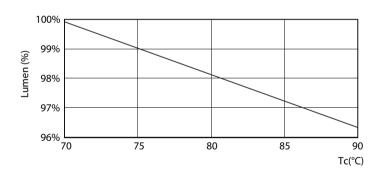
Lumen Maintenance Diagram - CorePro LED PLL HF 16.5W 840 4P 2G11



Life Expectancy Diagram - CorePro LED PLL HF 16.5W 840 4P 2G11



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Lumen Maintenance Diagram - CorePro LED PLL HF 16.5W 840 4P 2G11

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