

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				
Lighting Technology	LED			
Flux measurement reference	Sphere			
Switching Cycle	50,000			
Nominal lifetime	30,000 hour(s)			
Cap-Base	2G11 [2G11]			
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 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Material	Glass			
Product Length	405 mm			
Bulb Shape	Tube, single-ended			
Approval and Application				
Energy Efficiency Class	E			
Energy Saving Product	Yes			
Approval Marks	TUV CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	17 kWh			
EPREL Registration Number	387353			

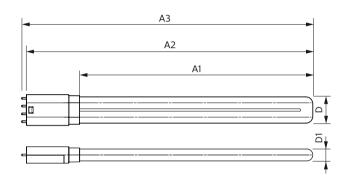
Datasheet, 2023, June 30 data subject to change

CorePro LED PLL

CE mark	Yes				
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				

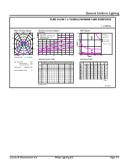
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001381602
Full product name	CorePro LED PLL HF 16.5W 840 4P 2G11
EAN/UPC - Case	8718696739754

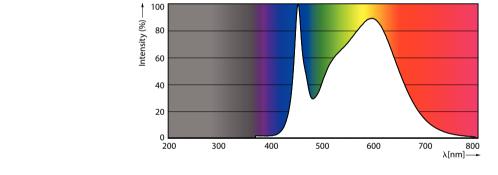
Dimensional drawing



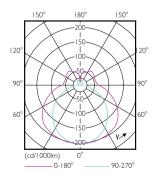
Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 16.5W 840 4P	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm
2G11					

Photometric data





General uniform lighting - CorePro LED PLL HF 16.5W 840 4P 2G11

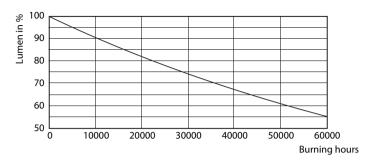


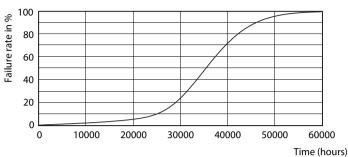
Light Distribution Diagram - CorePro LED PLL HF 16.5W 840 4P 2G11

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

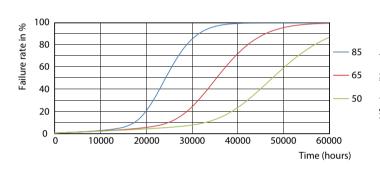
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Lifetime

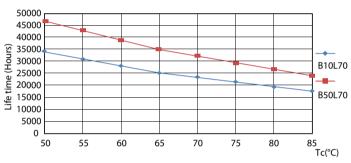




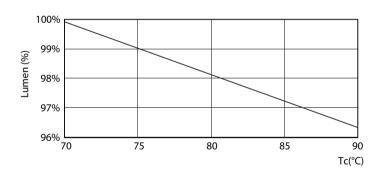
Lumen Maintenance Diagram - CorePro LED PLL HF 16.5W 840 4P 2G11



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



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