



CorePro LED PLL



CorePro LED PLL HF 16.5W 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	2,000 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	121.00 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

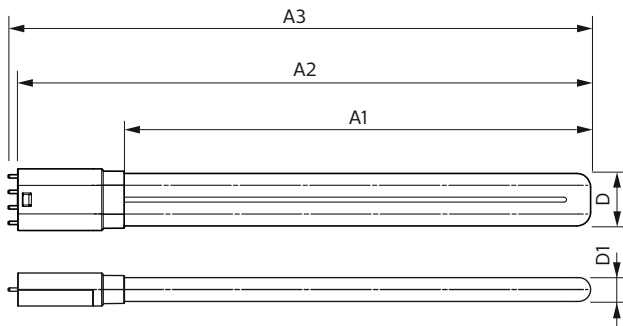
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	53-77 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Glass
Product Length	400 mm
Bulb Shape	Tube, single-ended
Approval 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	387352

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CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869673966200
Order product name	CorePro LED PLL HF 16.5W 830 4P 2G11
Order code	929001381502

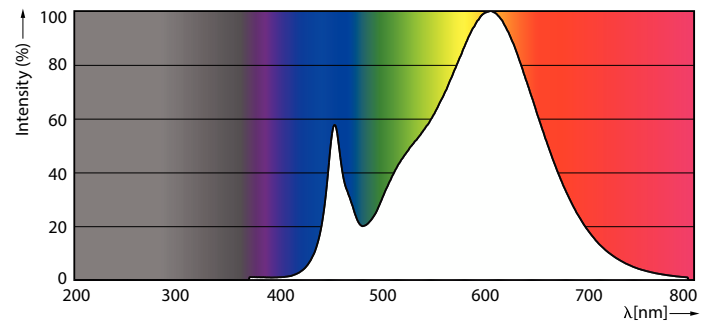
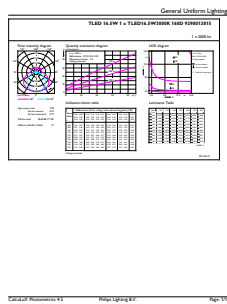
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001381502
Full product name	CorePro LED PLL HF 16.5W 830 4P 2G11
EAN/UPC - Case	8718696739679

Dimensional drawing



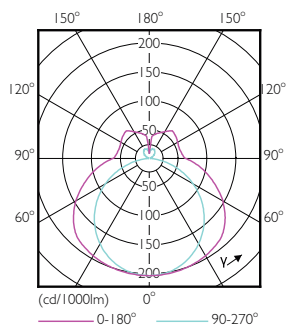
Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 16.5W 830 4P 2G11	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm

Photometric data



General uniform lighting - CorePro LED PLL HF 16.5W 830 4P 2G11

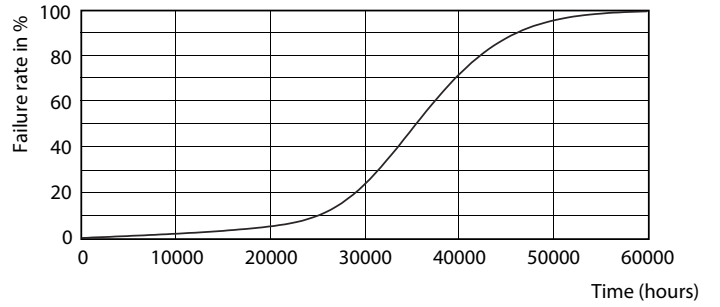
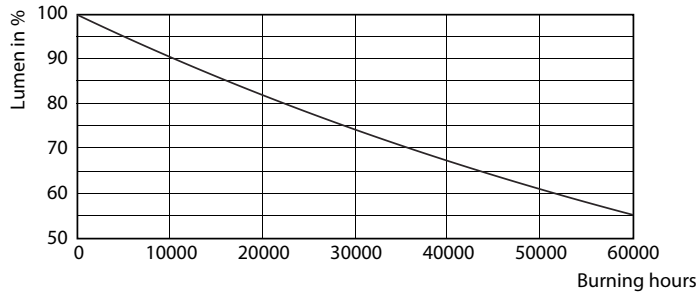
Spectral Power Distribution Colour - CorePro LED PLL HF 16.5W 830 4P 2G11



Light Distribution Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11

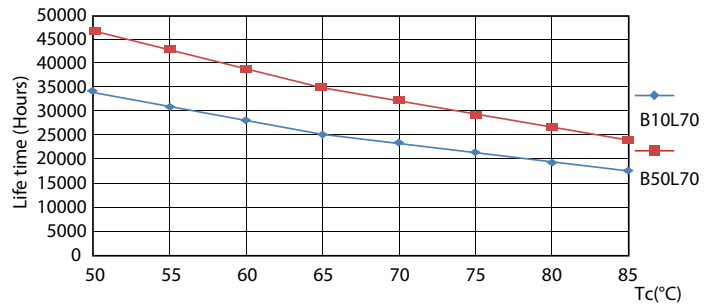
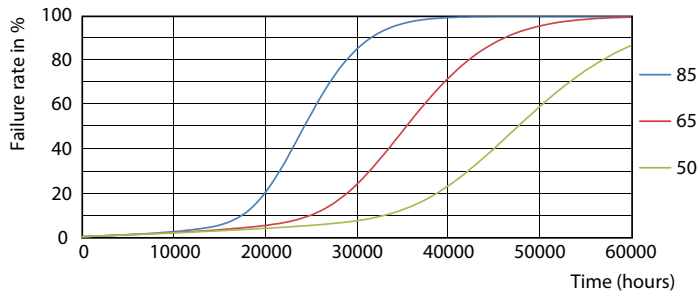
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Lifetime



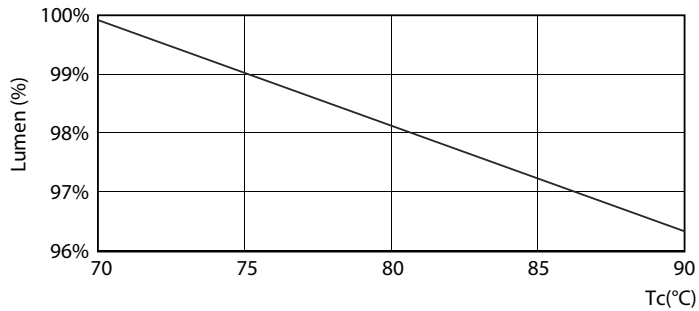
Lumen Maintenance Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11

Life Expectancy Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11



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