

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	
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	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

CorePro LED PLL

CE mark	Yes
EU RoHS compliant	Yes

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

Product Data

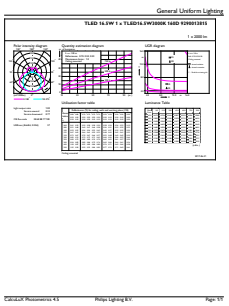
Full product code	871869673966200
Order product name	CorePro LED PLL HF 16.5W 830 4P 2G11
Order code	929001381502

Dimensional drawing

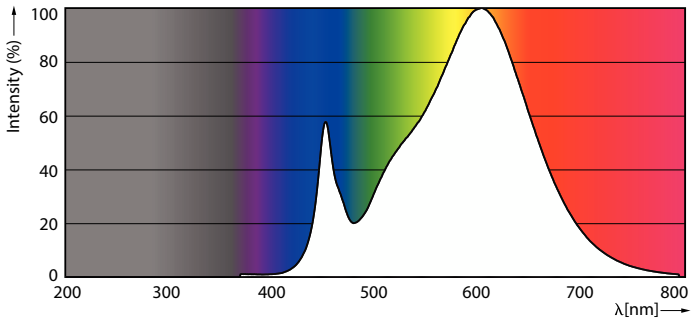


Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 16.5W 830 4P 2G11	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm

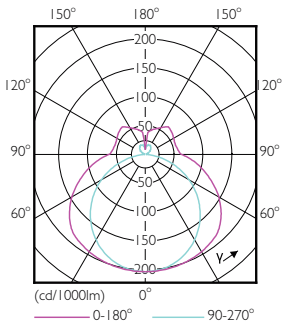
Photometric data



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

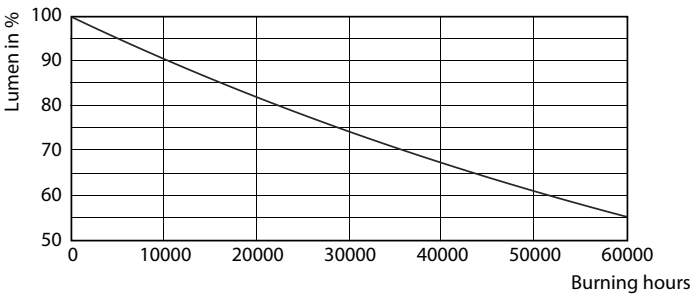


Spectral Power Distribution Colour - CorePro LED PLL HF 16.5W 830 4P 2G11

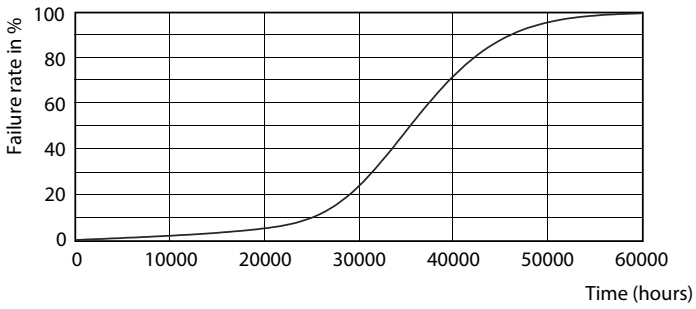


Light Distribution Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11

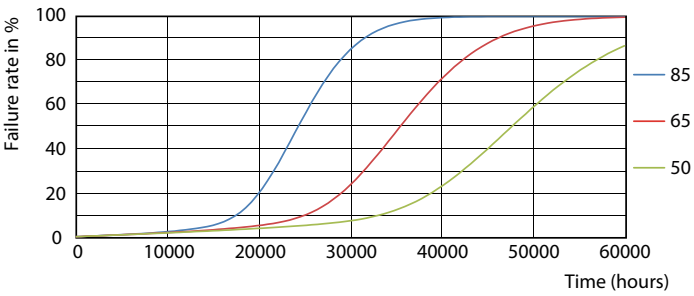
Lifetime



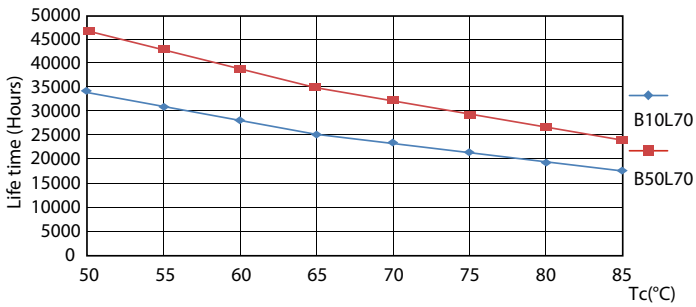
Lumen Maintenance Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11



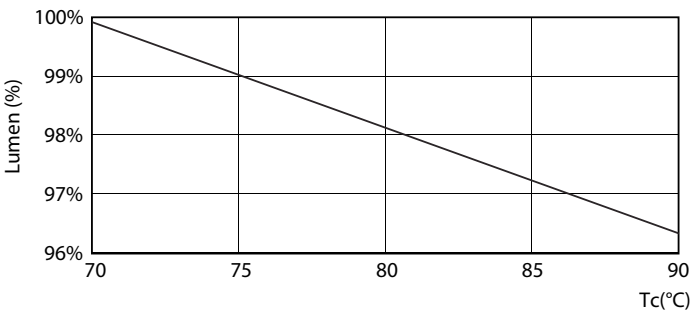
Life Expectancy Diagram - CorePro LED PLL HF 16.5W 830 4P 2G11



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



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