

CorePro LED PLL

CorePro LED PLL HF 24W 865 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	865 [CCT of 6500K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	3,400 lumen
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	141.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	20000-70000 Hz
Input Frequency	20000-70000 Hz
Power Consumption	24 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	
Product Length	540 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	24 kWh
EPREL Registration Number	387357
CE mark	Yes

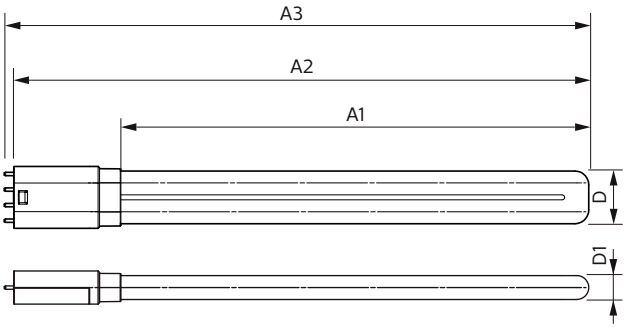
CorePro LED PLL

EU RoHS compliant	Yes

Product Data

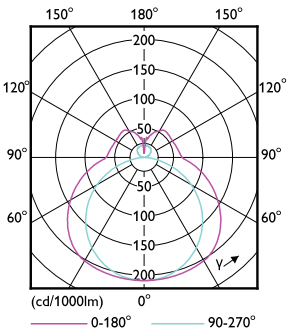
Full product code	871869682843400
Order product name	CorePro LED PLL HF 24W 865 4P 2G11
Order code	929001920602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001920602
Full product name	CorePro LED PLL HF 24W 865 4P 2G11
EAN/UPC - Case	8718696828441

Dimensional drawing

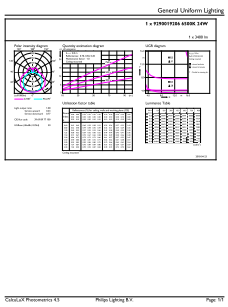


Product	D	D1	A1	A2	A3
CorePro LED PLL HF 24W 865 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm

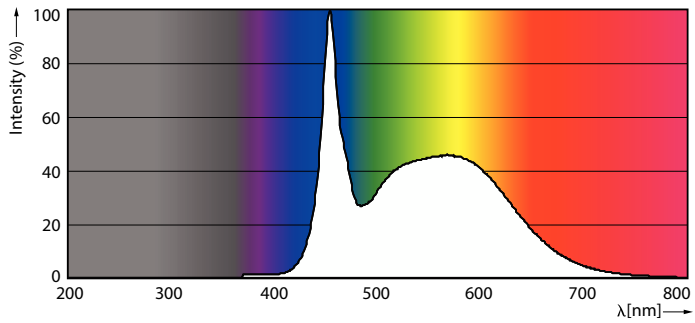
Photometric data



Light Distribution Diagram - CorePro LED PLL HF 24W 865 4P 2G11

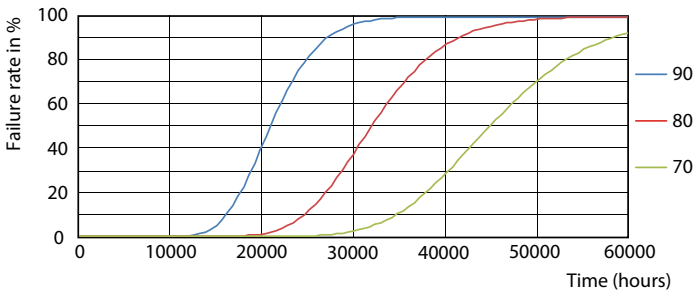


General uniform lighting - CorePro LED PLL HF 24W 865 4P 2G11

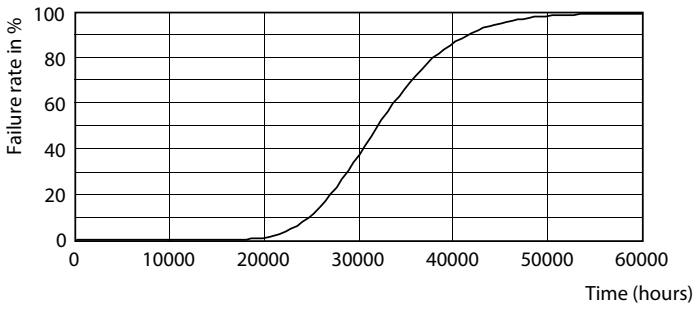


Spectral Power Distribution Colour - CorePro LED PLL HF 24W 865 4P 2G11

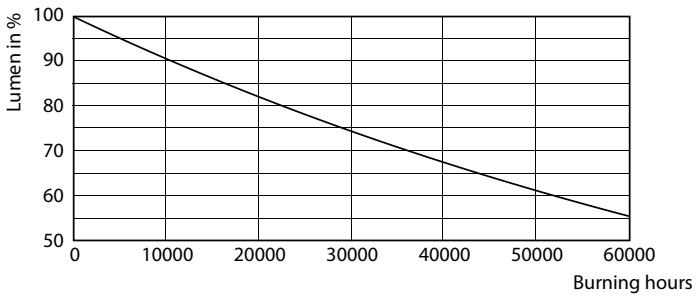
Lifetime



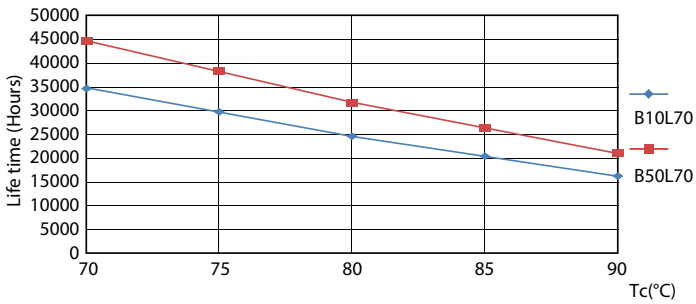
Life Expectancy Diagram - CorePro LED PLL HF 24W 865 4P 2G11



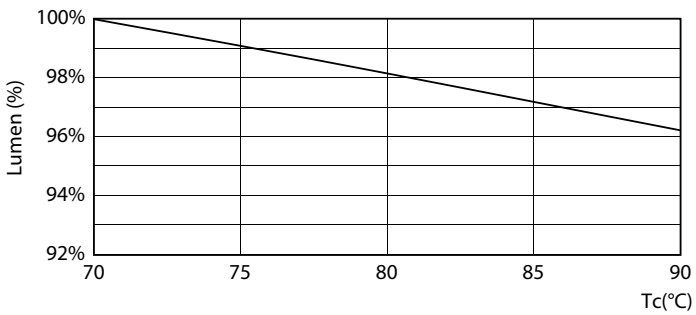
Life Expectancy Diagram - CorePro LED PLL HF 24W 865 4P 2G11



Lumen Maintenance Diagram - CorePro LED PLL HF 24W 865 4P 2G11



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