PHILIPS Lighting

CorePro LED PLL



CorePro LED PLL HF 24W 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	3,200 lumen				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	133.00 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

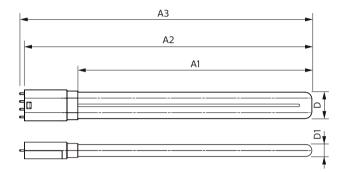
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	53-77 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	70 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	540 mm				
Bulb Shape	Tube, single-ended				
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	387355				
CE mark	Yes				

CorePro LED PLL

EU RoHS compliant	Yes				
Product Data					
Full product code	871869682839700				
Order product name	CorePro LED PLL HF 24W 830 4P 2G11				
Order code	929001920402				
Numerator - Quantity Per Pack	1				

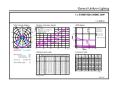
Numerator - Packs per outer box	10			
Material number (12NC)	929001920402			
Full product name	CorePro LED PLL HF 24W 830 4P 2G11			
EAN/UPC - Case	8718696828403			

Dimensional drawing



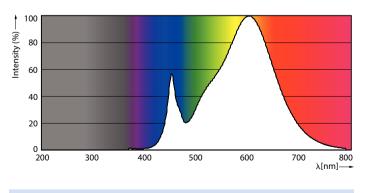
Product	D	D1	A1	A2	A3
CorePro LED PLL HF 24W 830 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm

Photometric data

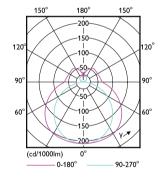


CaladuX Parameter 43 Philys Lighting KV. Page 1

General uniform lighting - CorePro LED PLL HF 24W 830 4P 2G11



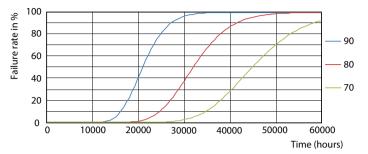
Spectral Power Distribution Colour - CorePro LED PLL HF 24W 830 4P 2G11



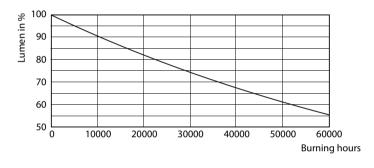
Light Distribution Diagram - CorePro LED PLL HF 24W 830 4P 2G11

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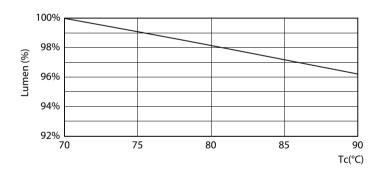
Lifetime



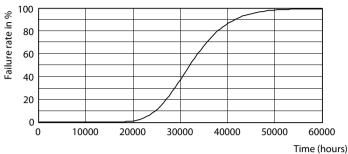
Life Expectancy Diagram - CorePro LED PLL HF 24W 830 4P 2G11



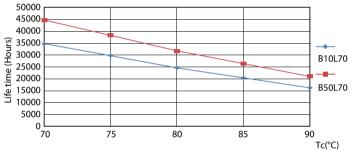












Life Expectancy Diagram - CorePro LED PLL HF 24W 830 4P 2G11

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www.lighting.philips.com 2023, June 2 - data subject to change