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
CE mark	Yes
EU RoHS compliant	Yes

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 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Line Frequency	20000-70000 Hz
Input Frequency	20000-70000 Hz
Power Consumption	24 W
Lamp Current (Max)	600 mA
Lamp Current (Min)	400 mA
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
LED alternative to fluorescent lamp power	55 W

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

CorePro LED PLL

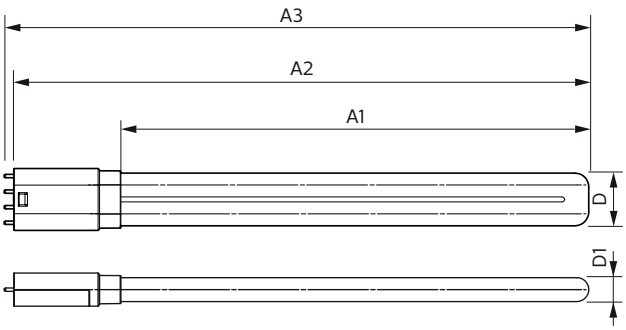
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	24 kWh
EPREL Registration Number	387355

Order code	929001920402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001920402
Full product name	CorePro LED PLL HF 24W 830 4P 2G11
EAN/UPC - Case	8718696828403
EAN/UPC - Product/Case	8718696828397

Product Data

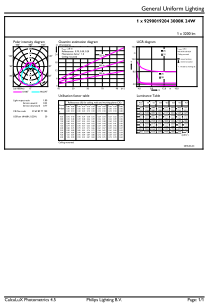
Full product code	871869682839700
Order product name	CorePro LED PLL HF 24W 830 4P 2G11

Dimensional drawing

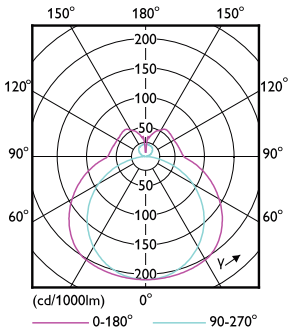


Product	D	D1	A1	A2	A3
CorePro LED PLL HF 24W 830 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm

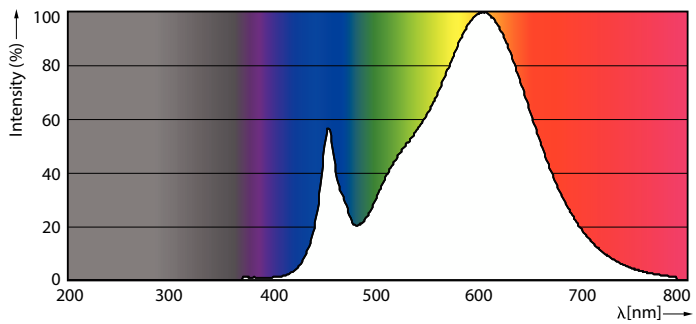
Photometric data



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

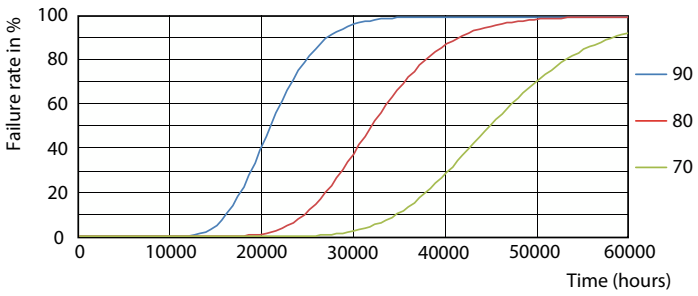


Light Distribution Diagram - CorePro LED PLL HF 24W 830 4P 2G11

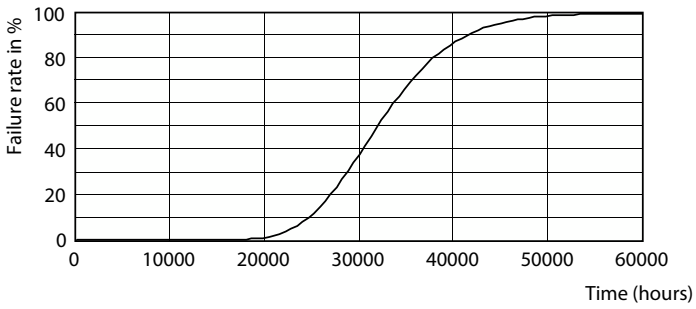


Spectral Power Distribution Colour - CorePro LED PLL HF 24W 830 4P 2G11

Lifetime



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



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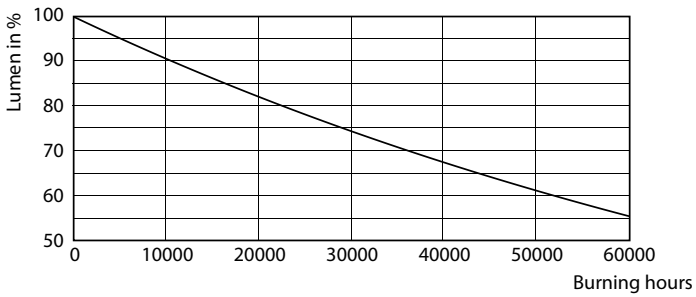
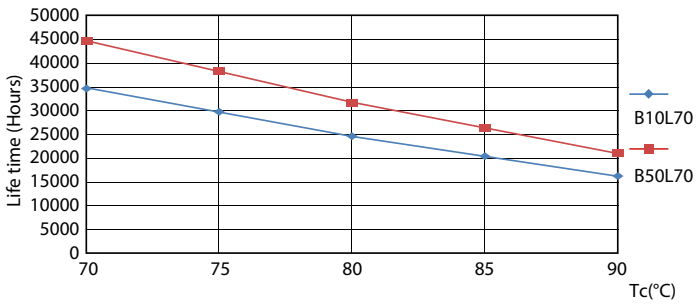
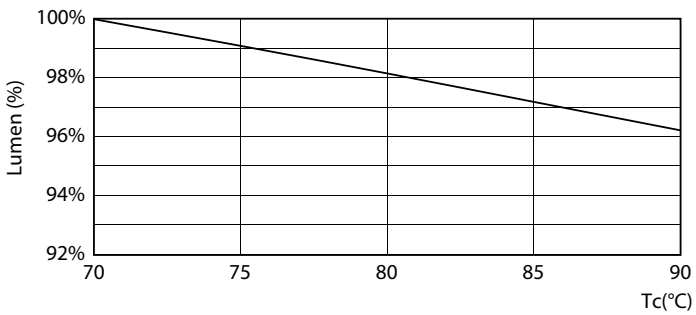


Lumen Maintenance Diagram - CorePro LED PLL HF 24W 830 4P 2G11



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



Lumen Maintenance Diagram - CorePro LED PLL HF 24W 830 4P 2G11

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www.lighting.philips.com
2023, October 23 - data subject to change