PHILIPS Lighting

CorePro LED PLL

CorePro LED PLL HF 24W 840 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	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	3,400 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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 24

Line Frequency	20000-70000 Hz
Input Frequency	20000-70000 Hz
Power Consumption	24 W
Starting Time (Nom)	0.5 s

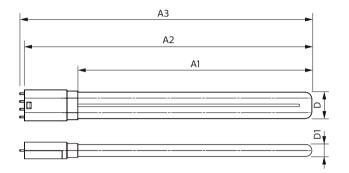
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	53-77 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	540 mm
Bulb Shape	Tube, single-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur
	certificate
Energy Consumption kWh/1000 h	24 kWh
EPREL Registration Number	387,356
CE mark	Yes

CorePro LED PLL

EU RoHS compliant	Yes
Product Data	
Full product code	871869682841000
Order product name	CorePro LED PLL HF 24W 840 4P 2G11
Order code	929001920502
Numerator - Quantity Per Pack	1

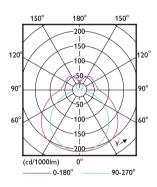
Numerator - Packs per outer box	10
Material number (12NC)	929001920502
Full product name	CorePro LED PLL HF 24W 840 4P 2G11
EAN/UPC - Case	8718696828427

Dimensional drawing



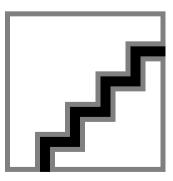
Product	D	D1	A1	A2	A3
CorePro LED PLL HF 24W 840 4P 2G11	37.6 mm	17 mm	453 mm	528.5 mm	535.1 mm

Photometric data



Light Distribution Diagram - CorePro LED PLL HF 24W 840 4P 2G11

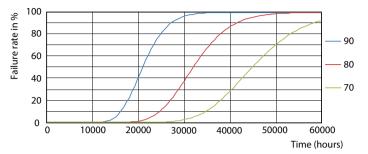
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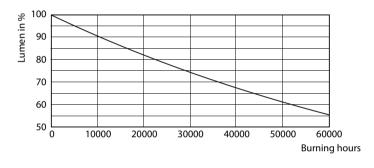
Spectral Power Distribution Colour - CorePro LED PLL HF 24W 840 4P 2G11

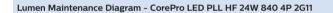
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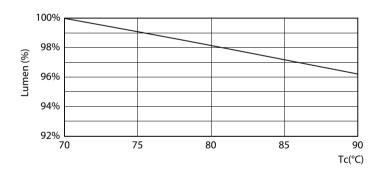
Lifetime

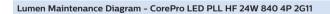


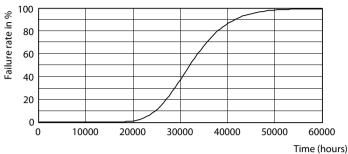
Life Expectancy Diagram - CorePro LED PLL HF 24W 840 4P 2G11



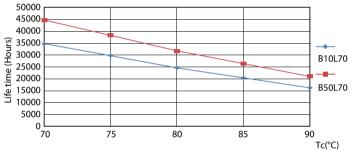












Life Expectancy Diagram - CorePro LED PLL HF 24W 840 4P 2G11

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