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

20000-70000 Hz		
3,200 lm White (WH) 3000 K 133.00 lm/W <6 83 70 % RG0 20000-70000 Hz 20000-70000 Hz		

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
Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-
Max. lamp no. on MCB B type 10A - EM ballast	-
without Compensation Capacitor.	
Max. lamp no. on MCB B type 10A – EM ballast	-
with Compensation Capacitor.	
Max. lamp no. on MCB B type 16A - Mains	-
Max. lamp no. on MCB B type 16A - EM ballast	-
without Compensation Capacitor.	
Max. lamp no. on MCB B type 16A - EM ballast	-
with Compensation Capacitor.	
Ballast Compatibility	HF
Temperature	
T-Case Maximum (Nom)	70 °C

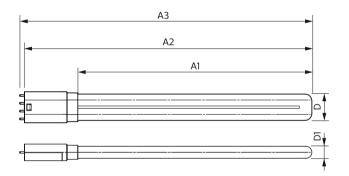
Power Consumption

CorePro LED PLL

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	528 mm
Bulb Shape	PL-L
Net Weight (Piece)	0.160 kg
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	24 kWh
EPREL Registration Number	387355
CE mark	Yes
EU RoHS compliant	Yes

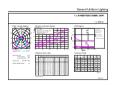
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	CorePro LED PLL HF 24W 830 4P
	2G11
Full product name	CorePro LED PLL HF 24W 830 4P
	2G11
Full product code	871869682839700
Order code	929001920402
Material Nr. (12NC)	929001920402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696828397
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696828403

Dimensional drawing



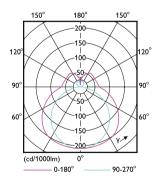
Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 24W 830 4P 2G11	17 mm	38 mm	453 mm	528 mm	535 mm

Photometric data



Philes Lahore

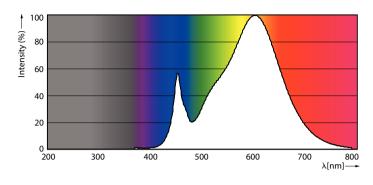
General uniform lighting - CorePro LED PLL HF 24W 830 4P 2G11



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

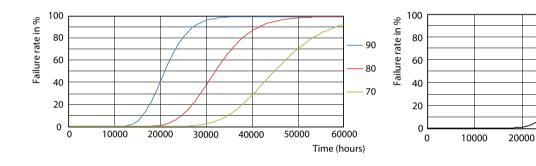
CorePro LED PLL

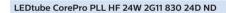
Photometric data

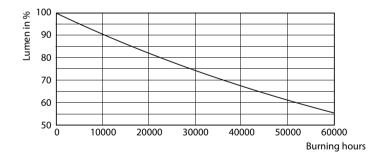


Spectral Power Distribution Colour - CorePro LED PLL HF 24W 830 4P 2G11

Lifetime

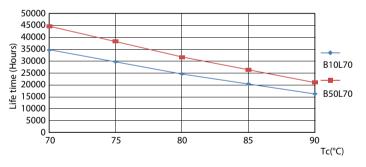






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Lumen Maintenance Diagram - CorePro LED PLL HF 24W 830 4P 2G11
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LEDtube CorePro PLL HF 24W 2G11 830 24D ND



30000

40000

50000

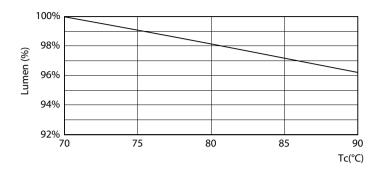
60000

Time (hours)



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Lifetime



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



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