



CorePro LED PLL



CorePro LED PLL HF 12W 830 4P 2G11

CorePro, LED, PL-L, HF, 312 mm, 12 W, 24W PL-L, 3000 K, 1440 lm, CRI 80, 30000 hour(s)

CorePro, LED, PL-L, HF, 312 mm, 12 W, LED alternative to 24W PL-L, 3000 K, 1440 lm, CRI 80, 30000 hour(s), 120 lm/W, EEL E, 2G11, Beam angle 160 degree(s), Glass, RGO, SDCM 6, PF 0.9, IP20

Product data

General Information	
Cap-Base	2G11
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	1,440 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO

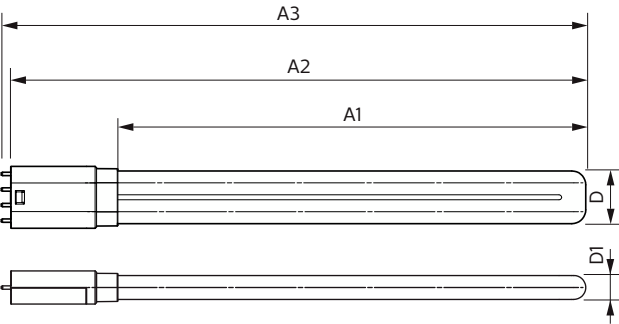
Operating and Electrical	
Line Frequency	20K-80K Hz
Input Frequency	20K-80K Hz
Power Consumption	12 W
Lamp Current (Max)	500 mA
Lamp Current (Min)	150 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	20-60 V
LED alternative to fluorescent lamp power	24W PL-L
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.	-

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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	HF
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	312 mm
Bulb Shape	PL-L
Net Weight (Piece)	0.113 kg
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	12 kWh

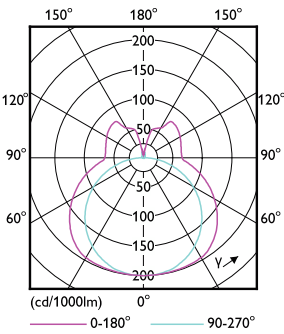
EPREL Registration Number	1370821
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	CorePro LED PLL HF 12W 830 4P 2G11
Full product name	CorePro LED PLL HF 12W 830 4P 2G11
Full product code	871951448680500
Order code	929003579002
Material Nr. (12NC)	929003579002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514486805
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514486812

Dimensional drawing

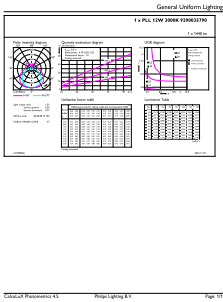


Product	D1	D2	A1	A2	A3
CorePro LED PLL HF 12W 830 4P 2G11	17 mm	38 mm	250 mm	312 mm	319 mm

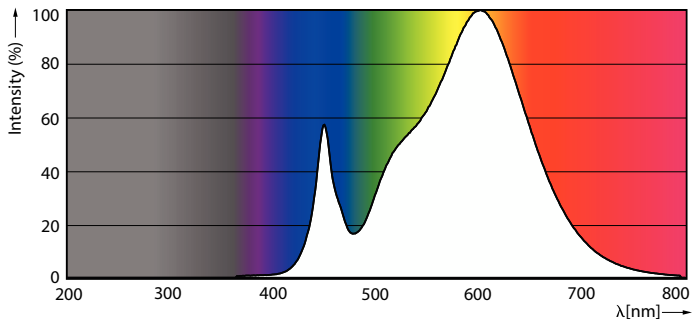
Photometric data



Light Distribution Diagram - CorePro LED PLL HF 12W 830 4P 2G11

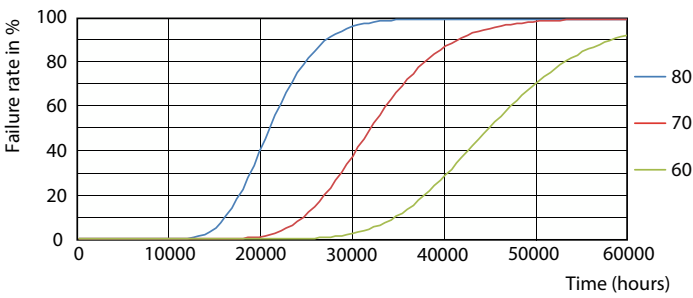


General uniform lighting - CorePro LED PLL HF 12W 830 4P 2G11

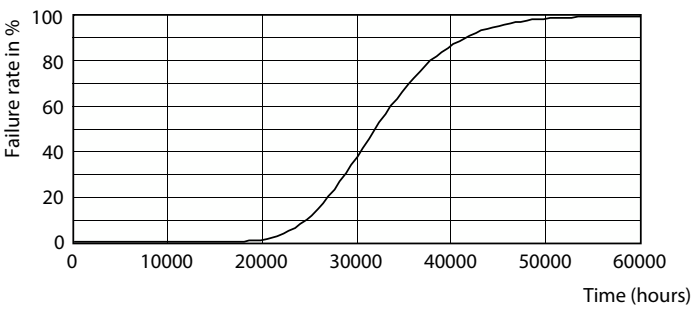


Spectral Power Distribution Colour - CorePro LED PLL HF 12W 830 4P 2G11

Lifetime



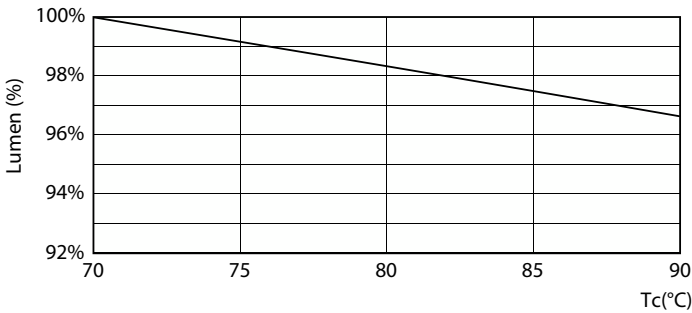
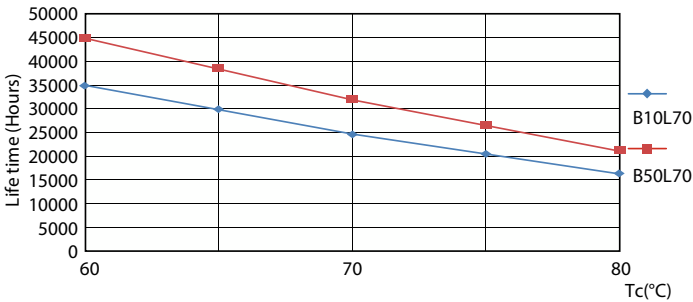
FailureRate



Life Expectancy Diagram

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Lifetime



LifetimeVsTc

Lumen Maintenance Diagram - CorePro LED PLL HF 12W 830 4P 2G11



Lumen Maintenance Diagram - CorePro LED PLL HF 12W 830 4P 2G11

