



CorePro LED PLS



CorePro LED PLS 5W 830 2P G23

The Philips CorePro LED PLS integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environment-friendly.

Product data

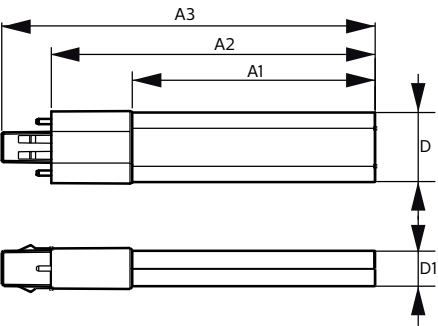
General Information		Input Frequency	
Cap-Base	G23 [G23]	Power Consumption	5 W
Nominal lifetime	30,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
Flux measurement reference	Sphere	Voltage (Nom)	220-240 V
CE mark	Yes	LED alternative to fluorescent lamp power	11 W
EU RoHS compliant	Yes	Temperature	
Light Technical		Ambient temperature range	-20 °C to 45 °C
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	83 °C
Beam Angle (Nom)	120 degree(s)	Controls and Dimming	
Luminous Flux	520 lumen	Dimmable	No
Color Designation	White (WH)	Mechanical and Housing	
Correlated Color Temperature (Nom)	3000 K	Bulb Material	Plastic
Luminous Efficacy (rated) (Nom)	104.00 lm/W	Product Length	170 mm
Color Consistency	<6	Bulb Shape	Tube, single-ended
Color rendering index (CRI)	82	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Efficiency Class	F
Photobiological safety according to EN 62471	RG0	Energy Saving Product	Yes
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	403566
Product Data	
Full product code	871869959666800
Order product name	CorePro LED PLS 5W 830 2P G23
Order code	929001926302

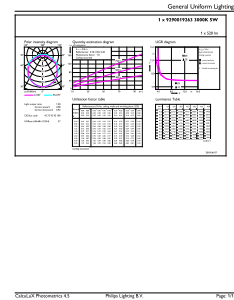
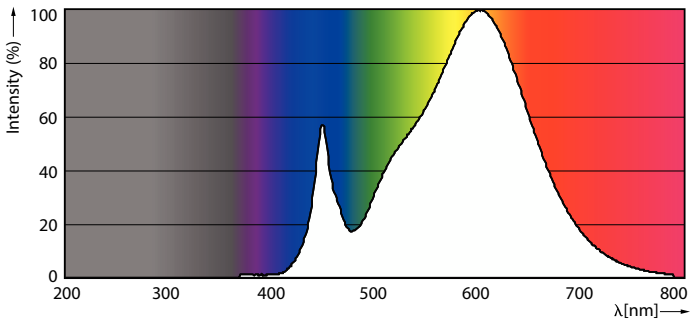
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001926302
Full product name	CorePro LED PLS 5W 830 2P G23
EAN/UPC - Case	8718699596675
EAN/UPC - Product/Case	8718699596668

Dimensional drawing



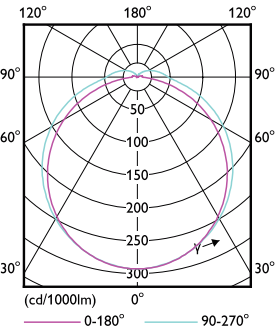
Product	D	D1	A1	A2	A3
CorePro LED PLS 5W 830 2P G23	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Photometric data



Spectral Power Distribution Colour - CorePro LED PLS 5W 830 2P G23

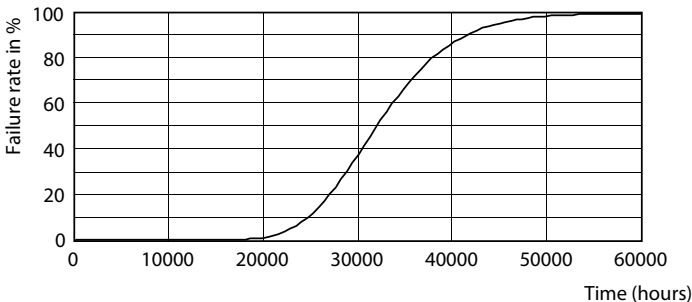
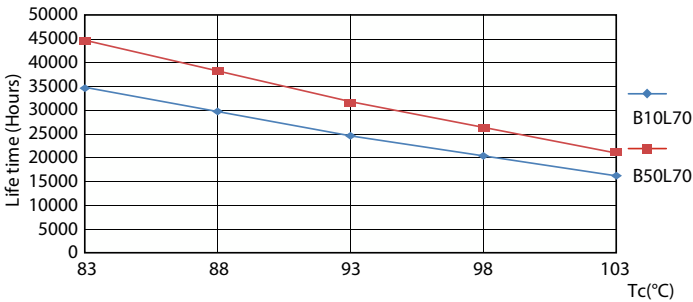
General uniform lighting - CorePro LED PLS 5W 830 2P G23



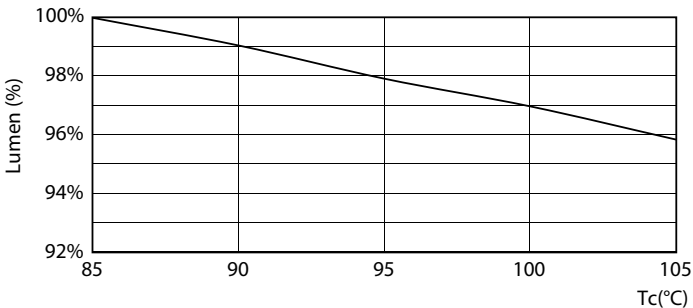
Light Distribution Diagram - CorePro LED PLS 5W 830 2P G23

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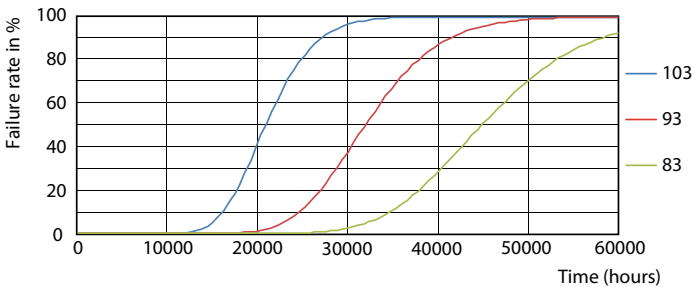
Lifetime



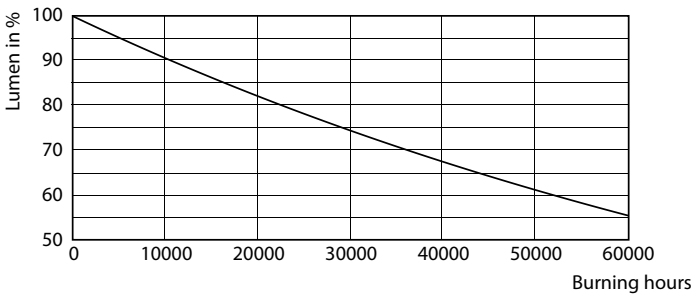
Life Expectancy Diagram - CorePro LED PLS 5W 830 2P G23



Life Expectancy Diagram - CorePro LED PLS 5W 830 2P G23



Lumen Maintenance Diagram - CorePro LED PLS 5W 830 2P G23



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