PHILIPS Lighting

CorePro LED PLS

CorePro LED PLS 5W 840 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.
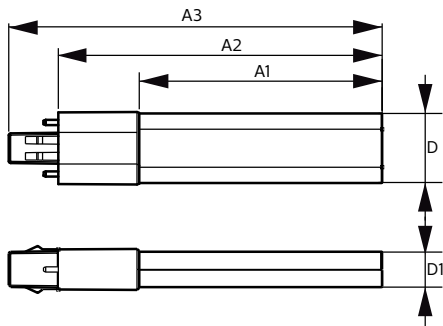
Product data

General Information

Cap-Base	G23 [G23]
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)	120 degree(s)
Luminous Flux	550 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5 W
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	83 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Material	Plastic
Product Length	170 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	5 kWh
EPREL Registration Number	403,567
CE mark	Yes

CorePro LED PLS

EU RoHS compliant	Yes		**Numerator – Packs per outer box**	20
			Material number (12NC)	929001926402
Product Data			**Full product name**	CorePro LED PLS 5W 840 2P G23
Full product code	871869959668200		**EAN/UPC – Case**	8718699596699
Order product name	CorePro LED PLS 5W 840 2P G23			
Order code	929001926402			
Numerator – Quantity Per Pack	1			

Dimensional drawing

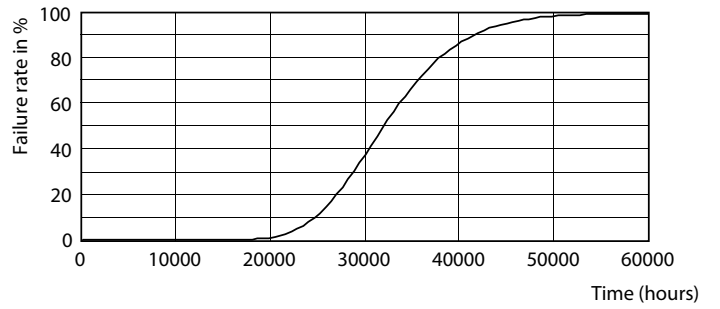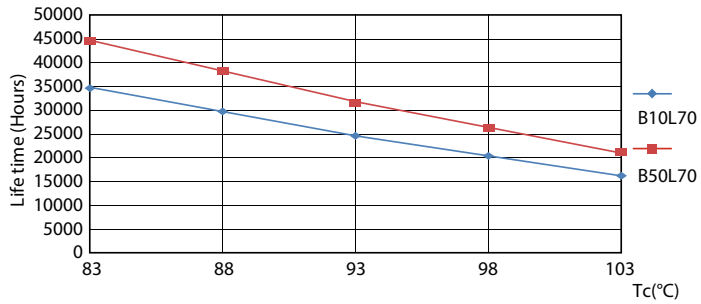| Product	D	D1	A1	A2	A3
CorePro LED PLS 5W 840 2P G23	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Photometric data
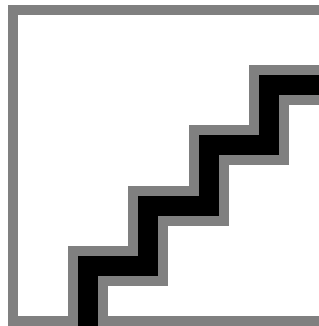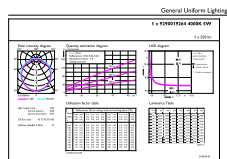
Spectral Power Distribution Colour – CorePro LED PLS 5W 840 2P G23
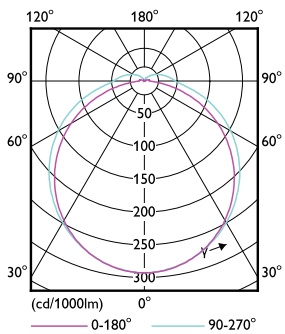
Light Distribution Diagram – CorePro LED PLS 5W 840 2P G23
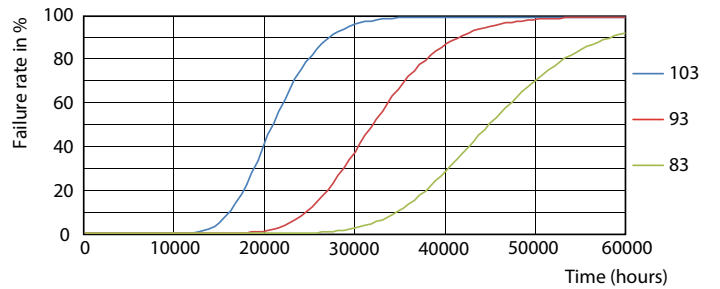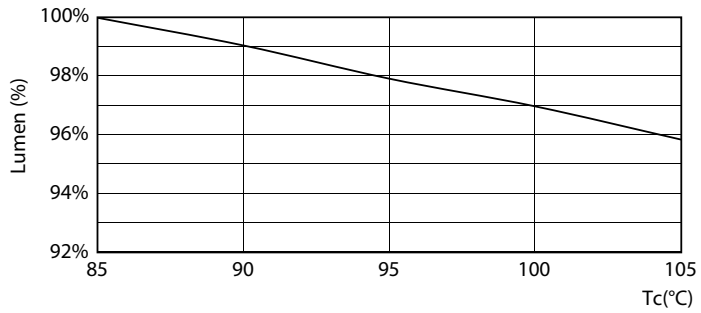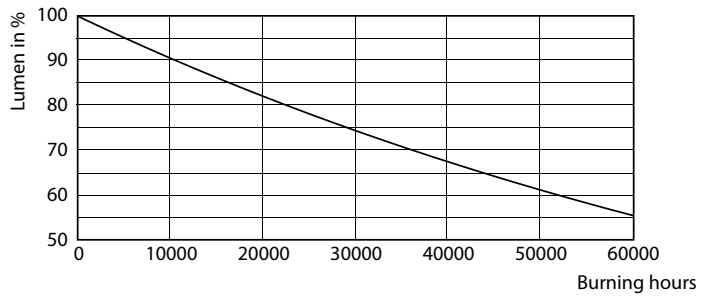
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Lifetime

Life Expectancy Diagram – CorePro LED PLS 5W 840 2P G23

Life Expectancy Diagram – CorePro LED PLS 5W 840 2P G23

Lumen Maintenance Diagram – CorePro LED PLS 5W 840 2P G23

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2023, May 22 – data subject to change

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