



# 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 uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings and is environmentally friendly.

### Product data

General information	
Cap base	G23 [G23]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime	30,000 h
Switching cycle	50,000
Lighting Technology	LED
	Sphere
Brand	Philips
Light technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	120 degree(s)
Luminous Flux	550 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous Efficacy (rated) (Nom)	110.00 lm/W
Colour consistency	<6
Colour 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	
T-Case maximum (nom.)	83 °C
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/1,000 hours	5 kWh
	403,567

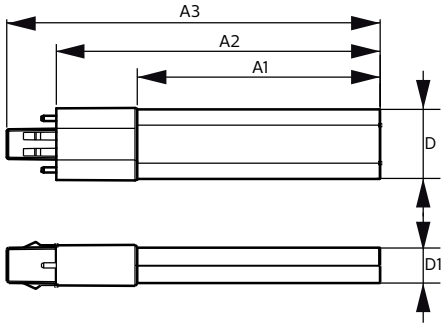
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## Product data

Full EOC	871869959668200
Order product name	CorePro LED PLS 5W 840 2P G23
Order code	59668200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20

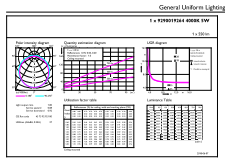
Material number (12NC)	929001926402
Net weight	0.043 kg
Full product name	CorePro LED PLS 5W 840 2P G23
EAN/UPC - Case	8718699596699

## Dimensional drawing

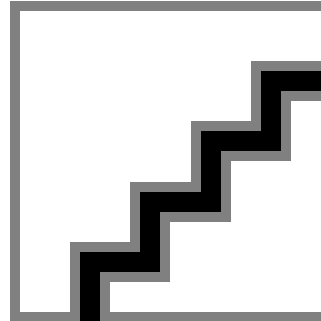


Product	D	D1	A1	A2	A3
CorePro LED PLS 5W 840 2P G23	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

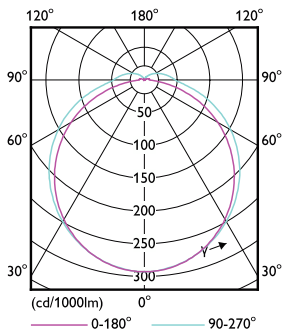
## Photometric data



General Uniform Lighting  
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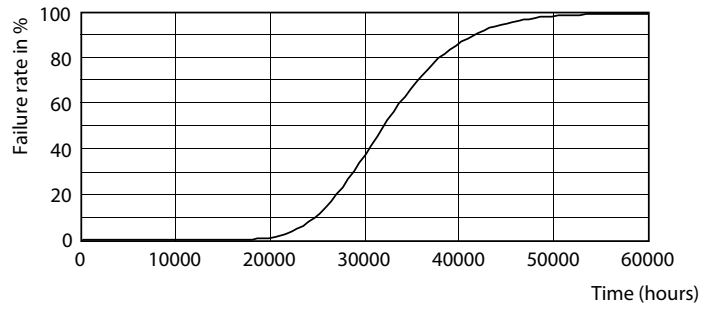
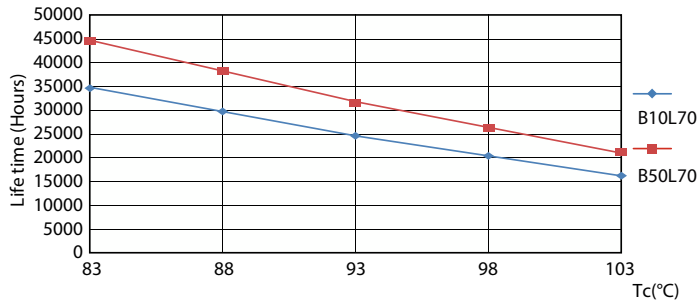
Spectral Power Distribution Colour - CorePro LED PLS 5W 840 2P G23



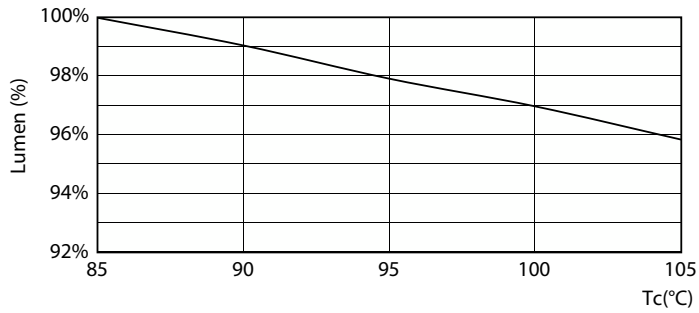
Light Distribution Diagram - CorePro LED PLS 5W 840 2P G23

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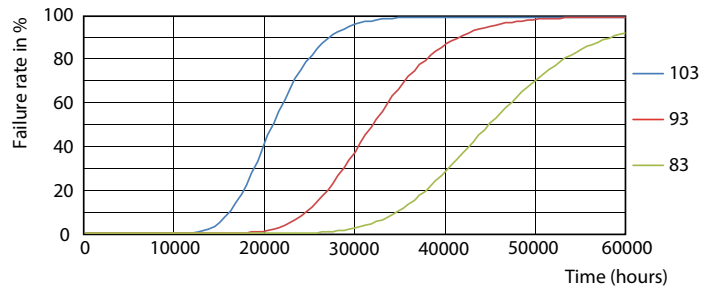
## Lifetime



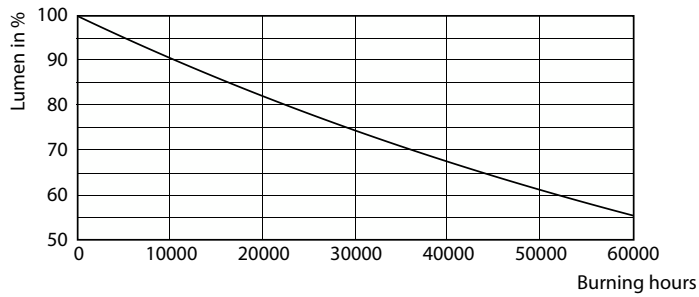
Life Expectancy Diagram - CorePro LED PLS 5W 840 2P G23



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



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



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