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 environmentally friendly.

Product data

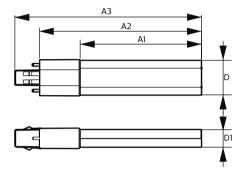
General information		Input frequency	50 to 60 Hz
Cap base	G23 [G23]	Power Consumption	5 W
CE mark	Yes	Starting time (nom.)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Nominal lifetime	30,000 h	Power Factor (Fraction)	0.9
Switching cycle	50,000	Voltage (nom.)	220-240 V
Lighting Technology	LED		
	Sphere	Temperature	
Brand	Philips	T-Case maximum (nom.)	83 °C
Light technical		Mechanical and housing	
Colour Code	840 [CCT of 4000K]	Bulb material	Plastic
Beam angle (nom.)	120 degree(s)	Product length	170 mm
Luminous Flux	550 lm	Bulb shape	Tube, single-ended
Colour designation	Cool White (CW)		
Correlated Colour Temperature	4000 K	Approval and application	
Luminous Efficacy (rated) (Nom)	110.00 lm/W	Energy-saving product	Yes
Colour consistency	<6	Approval marks	TUV CE marking RoHS compliance KEMA Keur
Colour rendering index (CRI)	82		certificate
LLMF at end of nominal lifetime (nom.) 70 %		Energy consumption kWh/1,000	0 hours 5 kWh
			403,567
Operating and electrical			
Line Frequency	50 to 60 Hz		

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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		

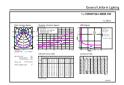
Material number (12NC)	929001926402
Net weight	0.043 kg
Full product name	CorePro LED PLS 5W 840 2P G23
EAN/UPC - Case	8718699596699

Dimensional drawing



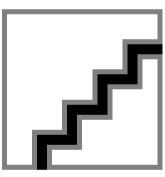
Product	D	D1	A1	A2	A3
CorePro LED PLS 5W 840 2P G23	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Photometric data

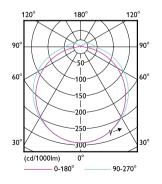


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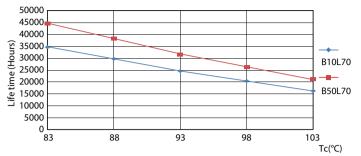
Spectral Power Distribution Colour - CorePro LED PLS 5W 840 2P G23



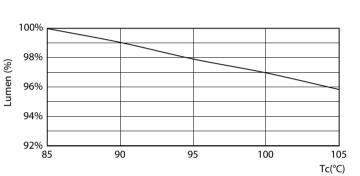
Light Distribution Diagram - CorePro LED PLS 5W 840 2P G23

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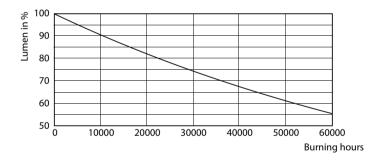
Lifetime



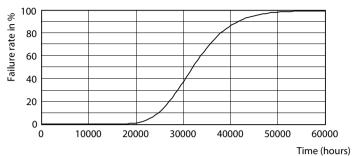


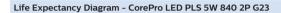


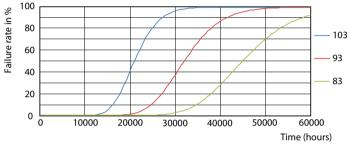
Lumen Maintenance Diagram - CorePro LED PLS 5W 840 2P G23



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







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

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