

CorePro LED PLS

CorePro LED PLS 5W 830 2P G23

CorePro, LED, PL-S, EM/Mains, 144 mm, 5 W, 9/11W PL-S, 3000 K, 520 lm, CRI 82, 30000 hour(s)

CorePro, LED, PL-S, EM/Mains, 144 mm, 5 W, LED alternative to 9/11W PL-S, 3000 K, 520 lm, CRI 82, 30000 hour(s), 104 lm/W, EEL F, G23, Beam angle 120 degree(s), Plastic, RG0, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap-Base	G23
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)	120 degree(s)
Luminous Flux	520 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	104 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	5 W
Lamp Current (Nom)	31 mA
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
LED alternative to fluorescent lamp power	9/11W PL-S
Inrush current at mains	6.6
Max. lamp no. on MCB B type 10A - Mains	116
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	355
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	186
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	569
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-

CorePro LED PLS

Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	50 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	144 mm
Bulb Shape	PL-S
Net Weight (Piece)	0.043 kg

Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	1820625

CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

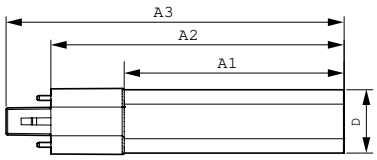
Application Conditions

Wireless Technology	Not applicable

Product Data

Order product name	CorePro LED PLS 5W 830 2P G23
Full product name	CorePro LED PLS 5W 830 2P G23
Full product code	872016928658000
Order code	929003756802
Material Nr. (12NC)	929003756802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169286580
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169286597

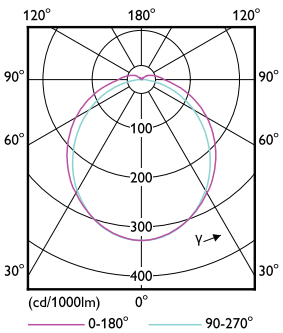
Dimensional drawing



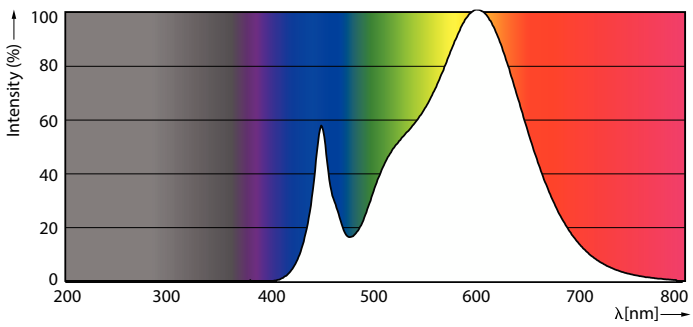
D	D1	A1	A2	A3
31 mm	16mm	108mm	144mm	166mm

Product	D1	D	A1	A2	A3
CorePro LED PLS 5W 830 2P G23	16 mm	31 mm	108 mm	144 mm	166 mm

Photometric data



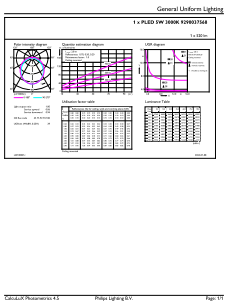
Light Distribution Diagram - CorePro LED PLS 5W 830 2P G23



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

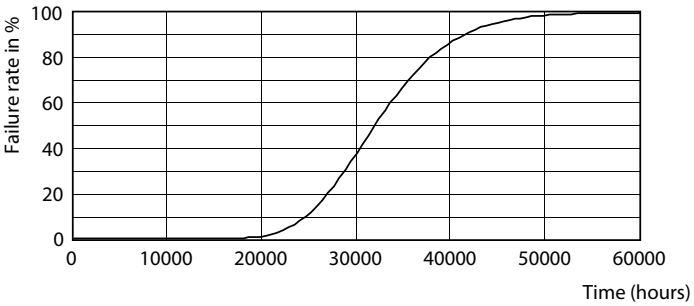
CorePro LED PLS

Photometric data

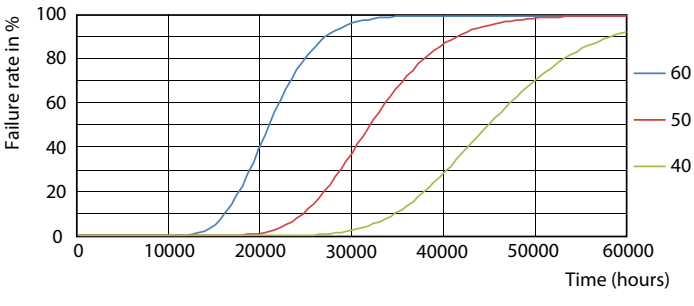


General uniform lighting - CorePro LED PLS 5W 830 2P G23

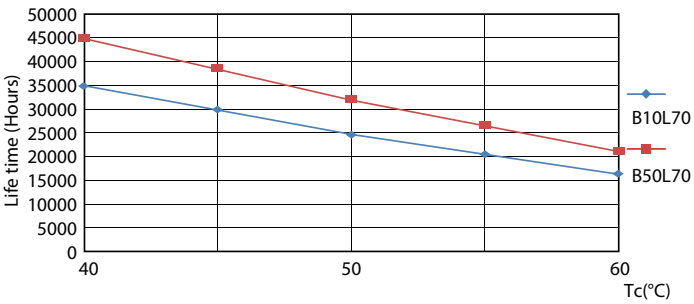
Lifetime



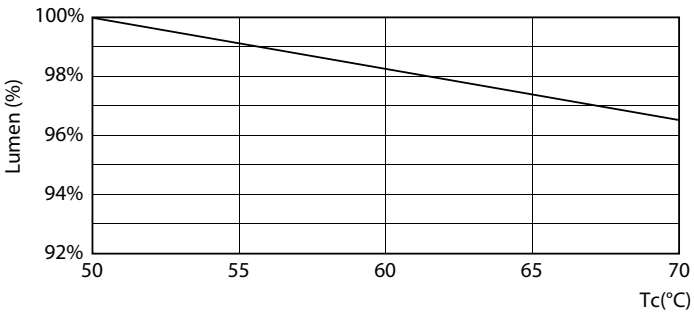
Life Expectancy Diagram



FailureRate



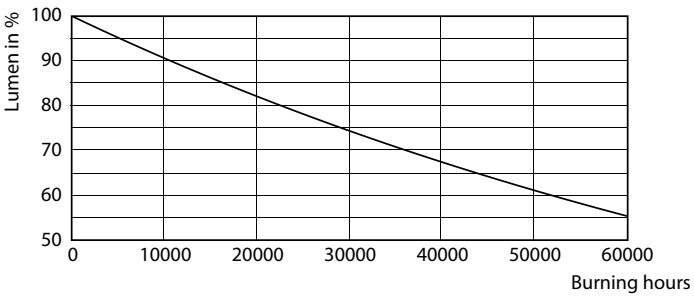
LifetimeVsTc



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

CorePro LED PLS

Lifetime



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

© 2026 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.