

CorePro LED PLS

CorePro LED PLS 3.5W 830 2P G23

CorePro, LED, PL-S, EM/Mains, 115 mm, 3.5 W, 7W PL-S, 3000 K, 360 lm, CRI 82, 30000 hour(s)

CorePro, LED, PL-S, EM/Mains, 115 mm, 3.5 W, LED alternative to 7W PL-S, 3000 K, 360 lm, CRI 82, 30000 hour(s), 102 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	360 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	102 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	3.5 W
Lamp Current (Nom)	22 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	7W 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.	500
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.	801
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-

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Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	45 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	115 mm
Bulb Shape	PL-S
Net Weight (Piece)	0.038 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	4 kWh
EPREL Registration Number	1820624

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

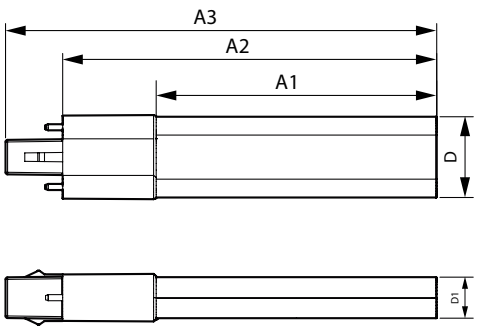
Application Conditions

Wireless Technology	Not applicable

Product Data

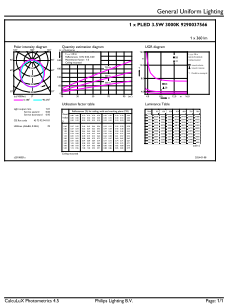
Order product name	CorePro LED PLS 3.5W 830 2P G23
Full product name	CorePro LED PLS 3.5W 830 2P G23
Full product code	872016928654200
Order code	929003756602
Material Nr. (12NC)	929003756602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169286542
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169286559

Dimensional drawing

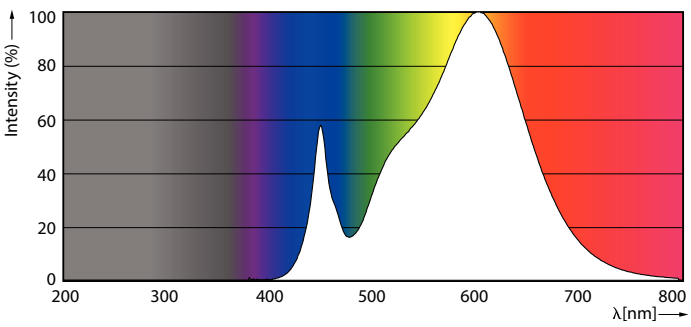


Product	D1	D	A1	A2	A3
CorePro LED PLS 3.5W 830 2P G23	16 mm	31 mm	79 mm	115 mm	137 mm

Photometric data



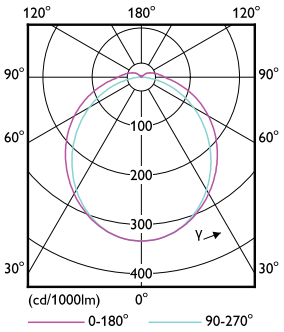
General uniform lighting - CorePro LED PLS 3.5W 830 2P G23



Spectral Power Distribution Colour - CorePro LED PLS 3.5W 830 2P G23

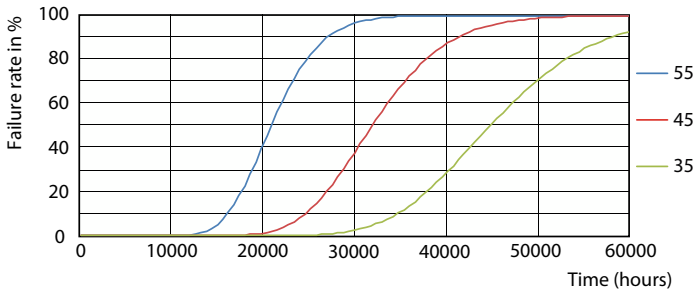
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Photometric data

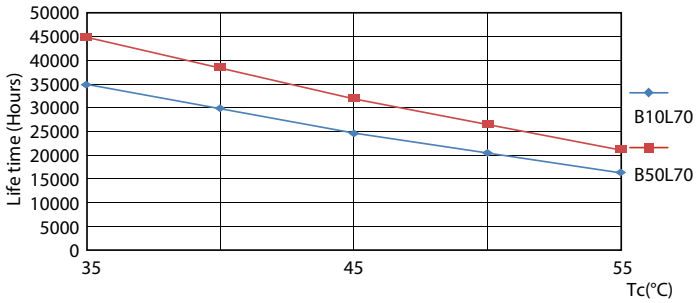


Light Distribution Diagram - CorePro LED PLS 3.5W 830 2P G23

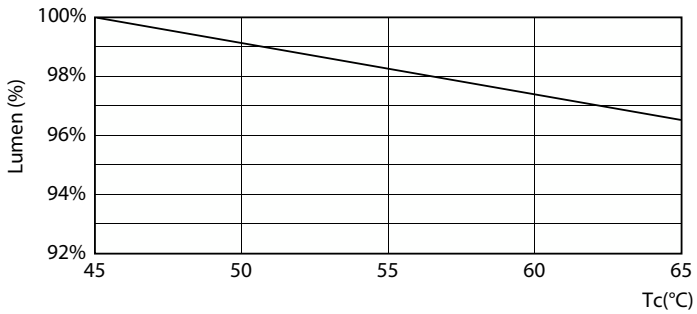
Lifetime



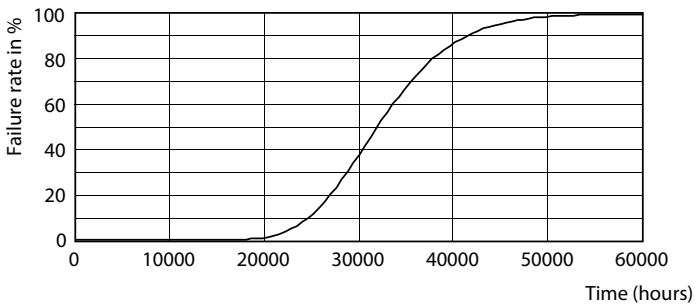
FailureRate



LifetimeVsTc



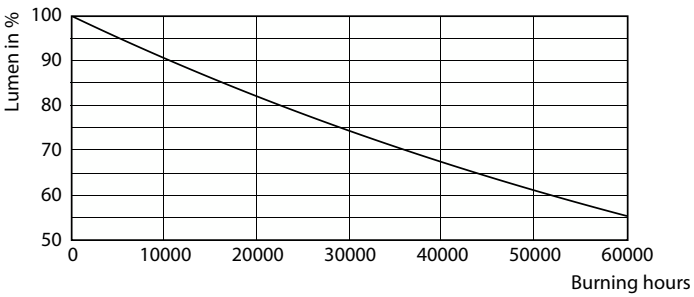
Lumen Maintenance Diagram - CorePro LED PLS 3.5W 830 2P G23



Life Expectancy Diagram

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Lifetime



Lumen Maintenance Diagram - CorePro LED PLS 3.5W 830 2P G23

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