

CorePro LED PLS 3.5W 830 2P G23

929003756602



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

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 %
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Photobiological safety according to EN 62471	RG0
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Operating and Electrical

Input Frequency	50 to 60 Hz
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Power Consumption	3.5 W
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Lamp Current (Nom)	22 mA
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Starting Time (Nom)	0.5 s
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Warm-up time to 60% light	0.5 s
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Power Factor (Fraction)	0.9
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Voltage (Nom)	220-240 V
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LED alternative to fluorescent lamp power	7W PL-S
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Inrush current at mains	6.6
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Max. lamp no. on MCB B type 10A - Mains	116
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Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	500
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Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
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Max. lamp no. on MCB B type 16A - Mains	186
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Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	801
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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
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Ballast Compatibility	EM/Mains
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Temperature

T-Case Maximum (Nom)	45 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
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Bulb Material	Plastic
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Product Length	115 mm
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Bulb Shape	PL-S
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Net Weight (Piece)	0.038 kg
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Approval and Application

Energy Efficiency Class	F
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Energy Saving Product	Yes
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Approval Marks	RoHS compliance
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Energy Consumption kWh/1000 h	4 kWh
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EPREL Registration Number	1820624
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CE mark	Yes
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EU RoHS compliant	Yes
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Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
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Stroboscopic effect visibility measure (SVM)	0.4
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Ambient temperature range	-20 to +45 °C
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Application Conditions

Wireless Technology	Not applicable
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Product Data

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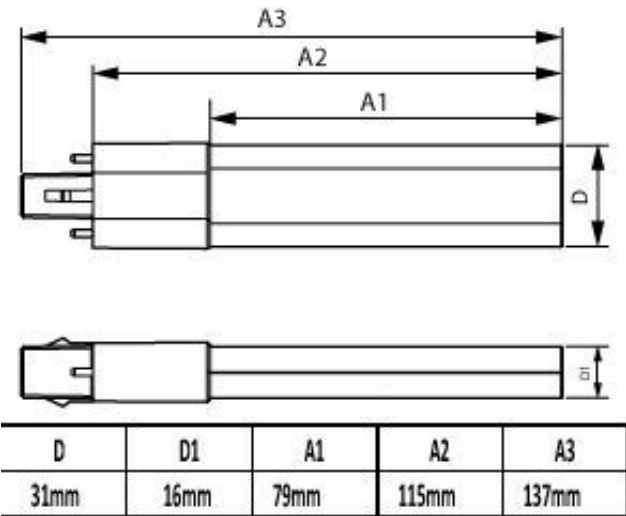
Numerator - Quantity Per Pack	1
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EAN/UPC - Product/Case	8720169286542
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Numerator - Packs per outer box	20
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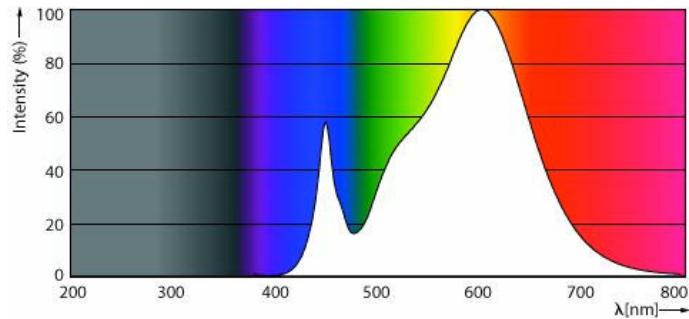
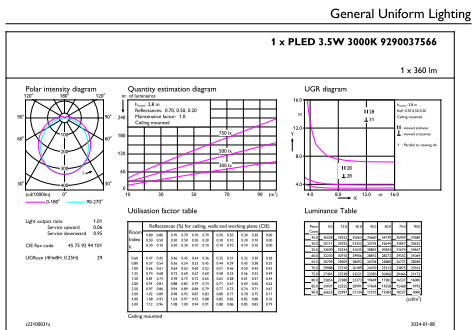
EAN/UPC - Case	8720169286559
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Dimensional drawing



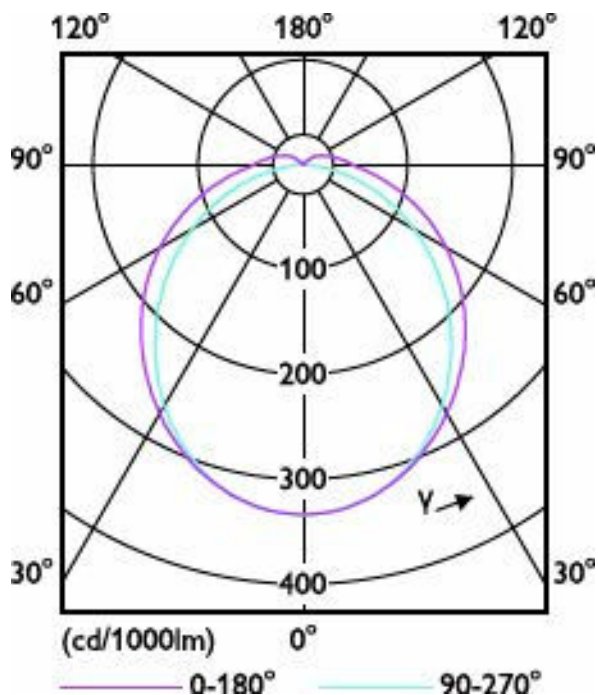
Product	D1	D	A1	A2	A3
CorePro LED PLS 3.5W 830 2P G23	16 mm	31 mm	79 mm	115 mm	137 mm

Photometric data



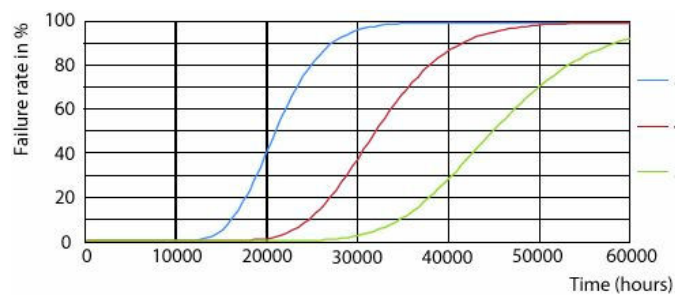
Spectral Power Distribution Colour - CorePro LED PLS 3.5W 830 2P G23

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

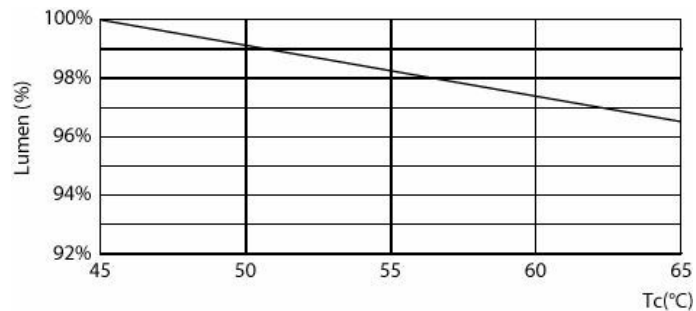


Light Distribution Diagram - CorePro LED PLS 3.5W 830 2P G23

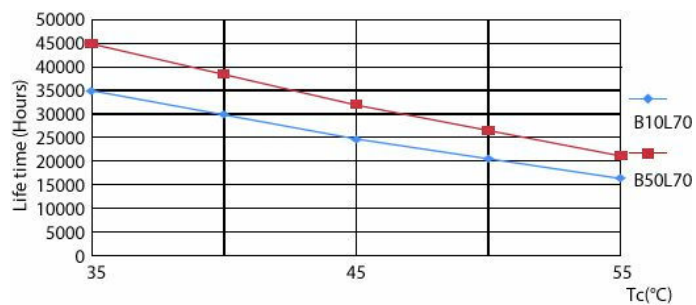
Lifetime



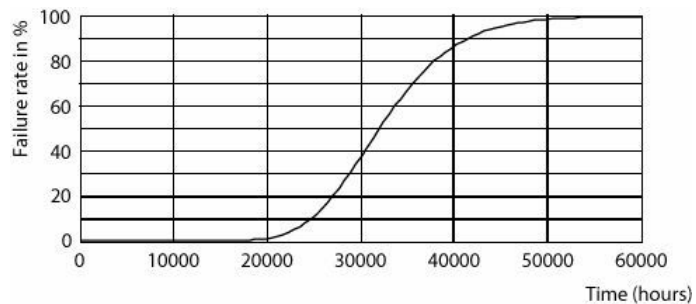
FailureRate



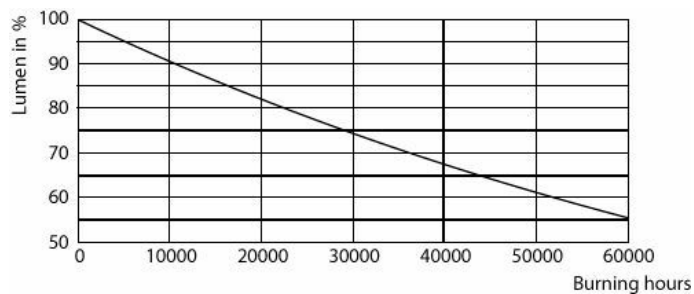
Lumen Maintenance Diagram - CorePro LED PLS 3.5W 830 2P G23



LifetimeVsTc



Life Expectancy Diagram



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

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-CorePro-LED-PLS-COMF-7149659-Ref-929003756902-EPD.pdf	Download
Installation Instructions	online-QIG-for-324166138011-Installation-INI.pdf	Download
Photometry and lighting design	Document Name	Download
IES File	CorePro-LED-PLS-830-2P-G23-9290037566-IES.IES	Download

