



CorePro LED PLS

CorePro LED PLS 360D 5W 3CCT 2P G23

CorePro, LED, PL-S, EM/Mains, 145 mm, 5 W, 9W PL-S, 3000 K, 4000 K, 6500 K, 500 lm, 550 lm, 550 lm, CRI 80, 30000 h

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 environment-friendly.

Product data

General Information	
Cap-Base	G23
Nominal lifetime	30,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Color Code	3000/4000/6500
Beam Angle (Nom)	360 degree(s)
Luminous Flux	500 550 550 lm
Color Designation	3000/4000/6500
Correlated Color Temperature (Nom)	3000 4000 6500 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Photobiological safety according to EN 62471	RGO
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	5 W
Lamp Current (Nom)	30 mA
Wattage Equivalent	9 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
LED alternative to fluorescent lamp power	9W PL-S
Inrush current at mains	22
Max. lamp no. on MCB B type 10A - Mains	35
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	322
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	56

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Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	515
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-

Ballast Compatibility	EM/Mains
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Temperature

T-Case Maximum (Nom)	75 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	145 mm
Overall length	16.6 mm
Overall width	2.6 mm
Overall height	1.6 mm
Dimensions (Height x Width x Depth)	2 x 3 x 17 mm
Bulb Shape	PL-S
Net Weight (Piece)	0.047 kg

Approval and Application

Approval Marks	RoHS compliance CE marking KEMA Keur certificate
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Energy Consumption kWh/1000 h	5 kWh
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

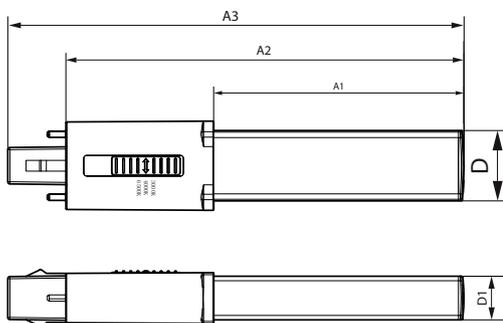
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

Order product name	CorePro LED PLS 360D 5W 3CCT 2P G23
Full product name	CorePro LED PLS 360D 5W 3CCT 2P G23
Full product code	872110313535300
Order code	929004350102
Material Nr. (12NC)	929004350102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103135353
Numerator - Packs per outer box	20
EAN/UPC - Case	8721103135360

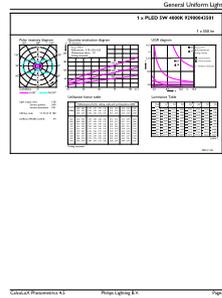
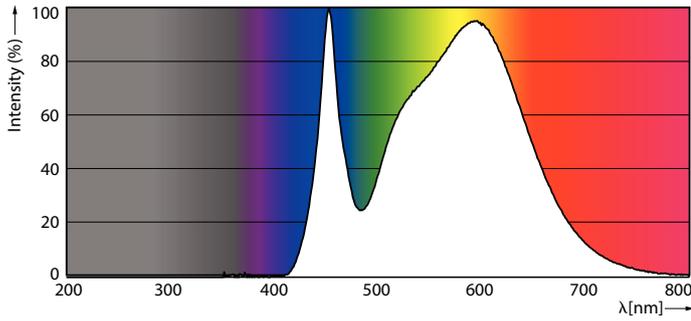
Dimensional drawing



Product	D1	D	A1	A2	A3
CorePro LED PLS 360D 5W 3CCT 2P G23	16 mm	26 mm	91 mm	145 mm	166 mm

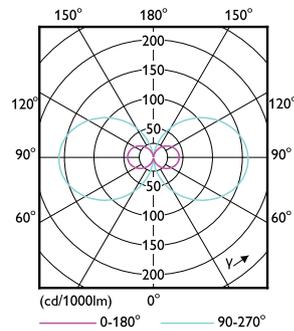
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Photometric data



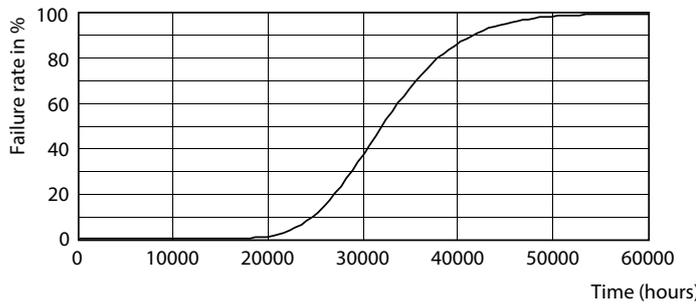
Spectral Power Distribution Colour - CorePro LED PLS 360D 5W 3CCT 2P G23

General uniform lighting - CorePro LED PLS 360D 5W 3CCT 2P G23

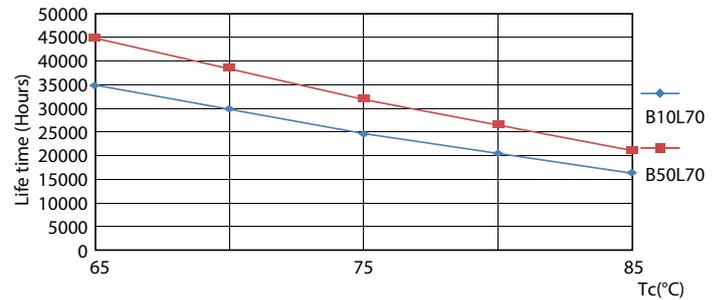


Light Distribution Diagram - CorePro LED PLS 360D 5W 3CCT 2P G23

Lifetime



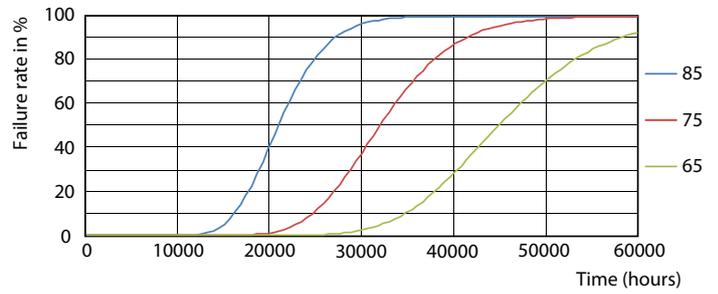
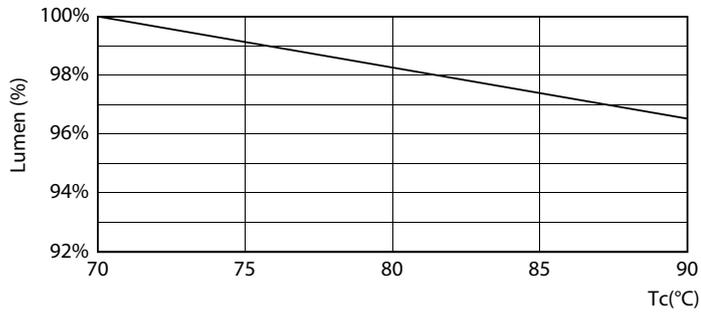
Life Expectancy Diagram



LifetimeVsTc

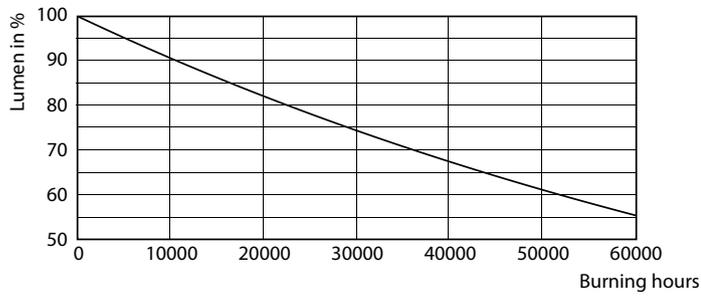
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Lifetime



Lumen Maintenance Diagram - CorePro LED PLS 360D 5W 3CCT 2P G23

FailureRate



Lumen Maintenance Diagram - CorePro LED PLS 360D 5W 3CCT 2P G23

