



CorePro LED PLC 2P



CorePro LED PLC 360D 5.9W 3CCT 2P G24d

CorePro, LED, PL-C, EM/Mains, G24d, 5.9 W, 13W PL-C, 3000 K, 4000 K, 6500 K, 810 lm, 850 lm, 850 lm, CRI 82, 30000 hour(s)

CorePro LED PLC 2P 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	
Cap-Base	G24d
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	3000/4000/6500
Beam Angle (Nom)	360 degree(s)
Luminous Flux	810 850 850 lm
Color Designation	3000/4000/6500
Correlated Color Temperature (Nom)	3000 4000 6500 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	5.9 W
Lamp Current (Nom)	35 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	13W PL-C
Inrush current at mains	5.2
Max. lamp no. on MCB B type 10A - Mains	45
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	110
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	55

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Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	145
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	EM/Mains
Temperature	
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	115 mm
Bulb Shape	PL-C
Net Weight (Piece)	0.061 kg
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	6 kWh

EPREL Registration Number	2154071
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 +35 °C

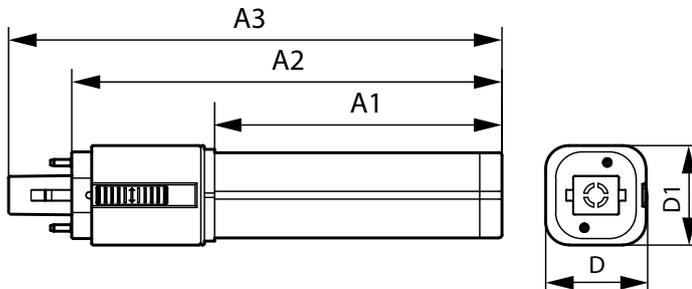
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

Order product name	CorePro LED PLC 360D 5.9W 3CCT 2P G24d
Full product name	CorePro LED PLC 360D 5.9W 3CCT 2P G24d
Full product code	872110303501100
Order code	929004252802
Material Nr. (12NC)	929004252802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103035011
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103035028

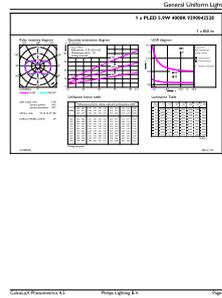
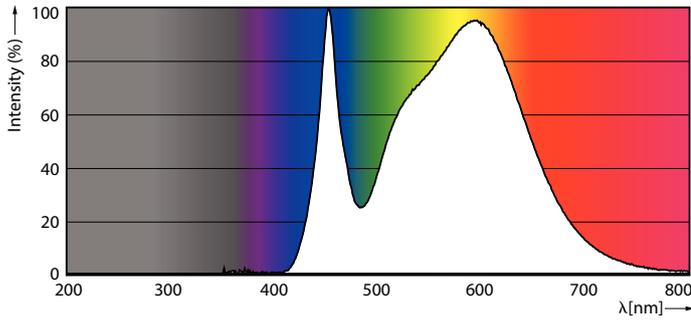
Dimensional drawing



Product	D1	D	A1	A2	A3
CorePro LED PLC 360D 5.9W 3CCT 2P G24d	35 mm	35 mm	65 mm	115 mm	137 mm

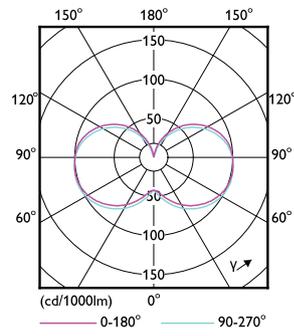
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Photometric data



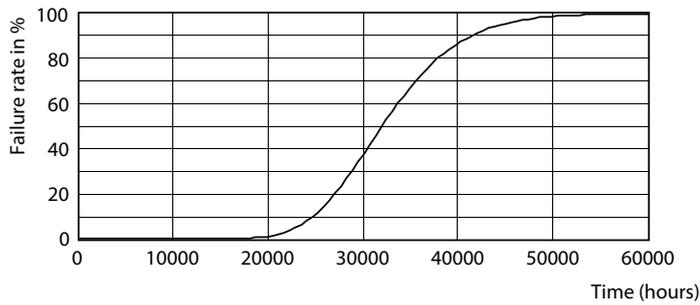
Spectral Power Distribution Colour - CorePro LED PLC 360D 5.9W 3CCT 2P G24d

General uniform lighting - CorePro LED PLC 360D 5.9W 3CCT 2P G24d

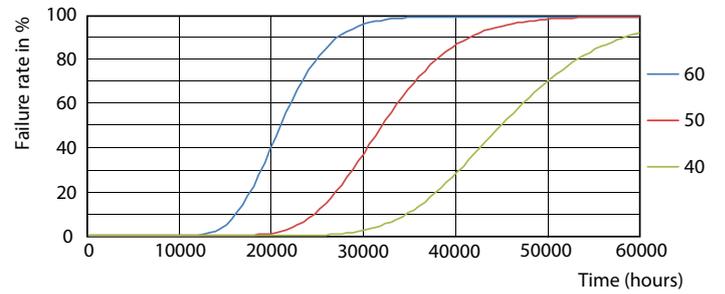


Light Distribution Diagram - CorePro LED PLC 360D 5.9W 3CCT 2P G24d

Lifetime



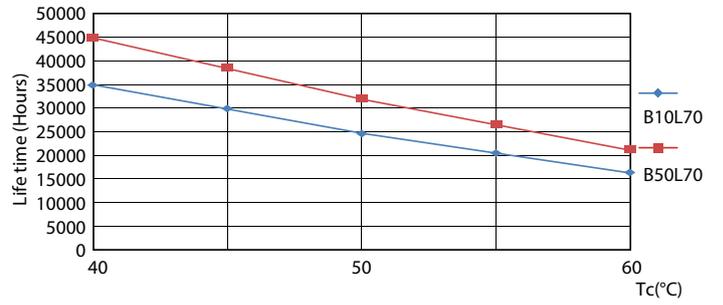
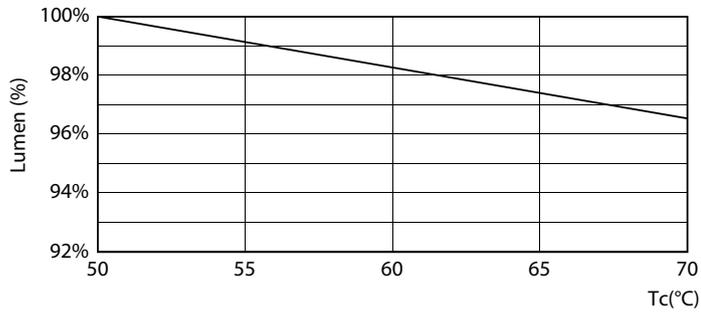
Life Expectancy Diagram



FailureRate

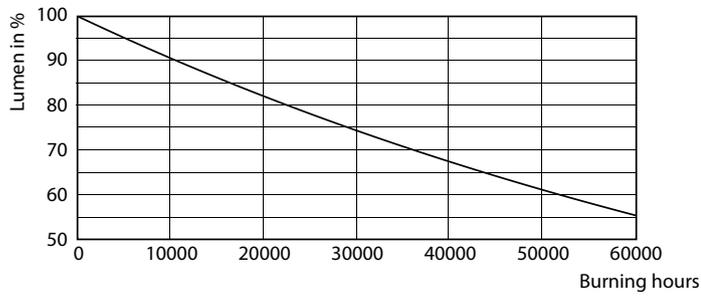
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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 360D 5.9W 3CCT 2P G24d

LifetimeVsTc



Lumen Maintenance Diagram - CorePro LED PLC 360D 5.9W 3CCT 2P G24d

