



CorePro LED PLC 2P

CorePro LED PLC 360D 8.9W 3CCT 2P G24d

CorePro, LED, PL-C, EM/Mains, 150 mm, 8.9 W, 26W PL-C, 3000 K, 4000 K, 6500 K, 1240 lm, 1300 lm, 1300 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		Photobiological safety according to EN 62471	
Cap-Base	G24d		RG1
Nominal lifetime	30,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Input Frequency	50 to 60 Hz
Lighting Technology	LED	Power Consumption	8.9 W
Flux measurement reference	Sphere	Lamp Current (Nom)	50 mA
Warranty period	3 years	Starting Time (Nom)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	3000/4000/6500	Power Factor (Fraction)	0.9
Beam Angle (Nom)	360 degree(s)	Voltage (Nom)	220-240 V
Luminous Flux	1,240 1,300 1,300 lm	LED alternative to fluorescent lamp power	26W PL-C
Color Designation	3000/4000/6500	Inrush current at mains	13.6
Correlated Color Temperature (Nom)	3000 4000 6500 K	Max. lamp no. on MCB B type 10A - Mains	16
Luminous Efficacy (rated) (Nom)	146 lm/W	Max. lamp no. on MCB B type 10A – EM ballast	70
Color Consistency	<6	without Compensation Capacitor.	
Color rendering index (CRI)	82	Max. lamp no. on MCB B type 10A – EM ballast	-
LLMF At End Of Nominal Lifetime (Nom)	70 %	with Compensation Capacitor.	
		Max. lamp no. on MCB B type 16A - Mains	21

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Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	93
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	150 mm
Bulb Shape	PL-C
Net Weight (Piece)	0.077 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	9 kWh

EPREL Registration Number	2154073
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

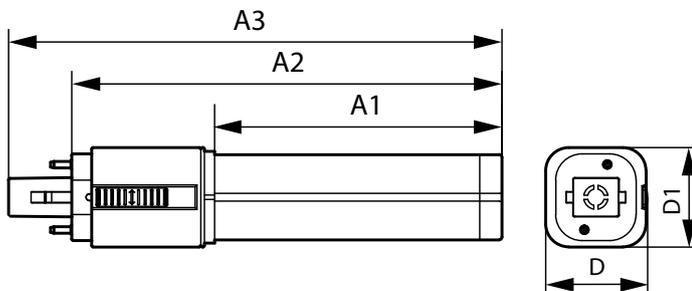
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

Order product name	CorePro LED PLC 360D 8.9W 3CCT 2P G24d
Full product name	CorePro LED PLC 360D 8.9W 3CCT 2P G24d
Full product code	872110303505900
Order code	929004253002
Material Nr. (12NC)	929004253002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103035059
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103035066

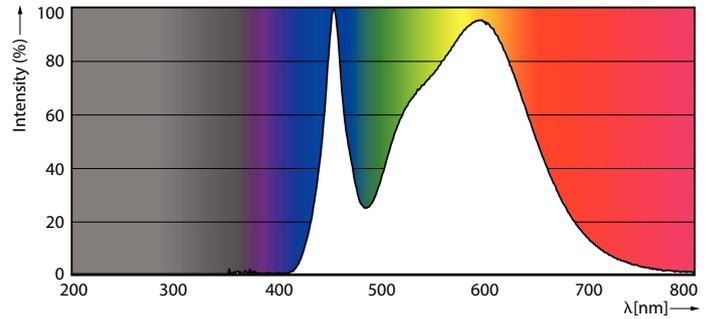
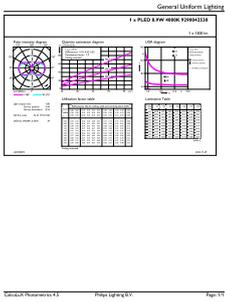
Dimensional drawing



Product	D1	D	A1	A2	A3
CorePro LED PLC 360D 8.9W 3CCT 2P G24d	35 mm	35 mm	100 mm	150 mm	172 mm

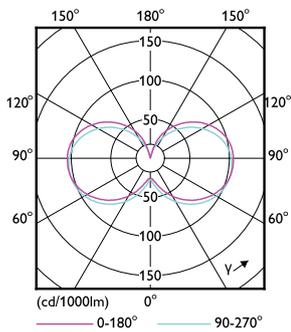
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Photometric data



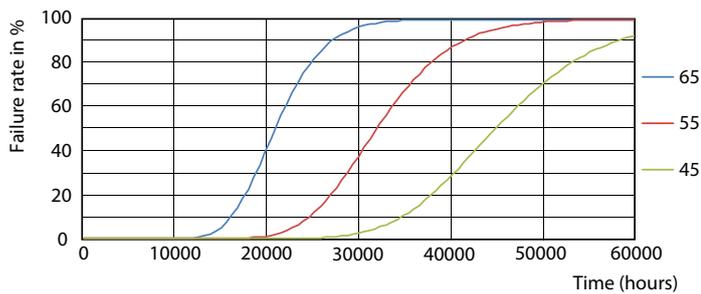
General uniform lighting - CorePro LED PLC 360D 8.9W 3CCT 2P G24d

Spectral Power Distribution Colour - CorePro LED PLC 360D 8.9W 3CCT 2P G24d

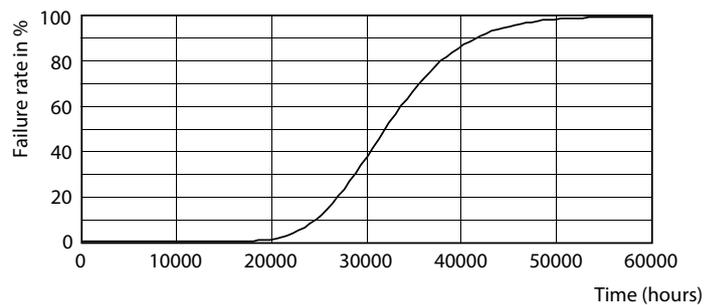


Light Distribution Diagram - CorePro LED PLC 360D 8.9W 3CCT 2P G24d

Lifetime



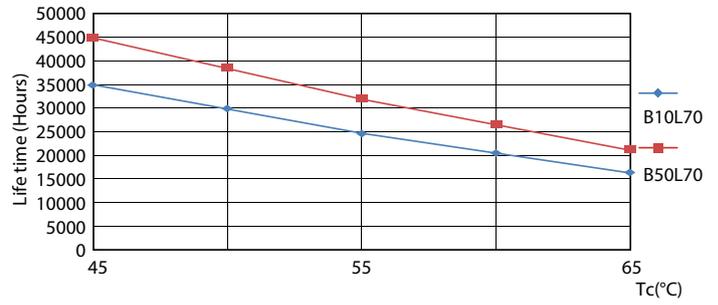
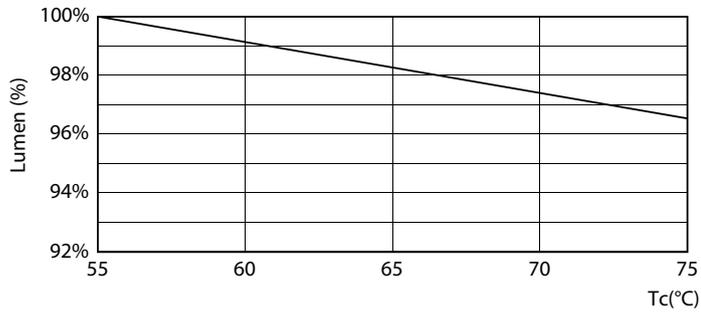
FailureRate



Life Expectancy Diagram

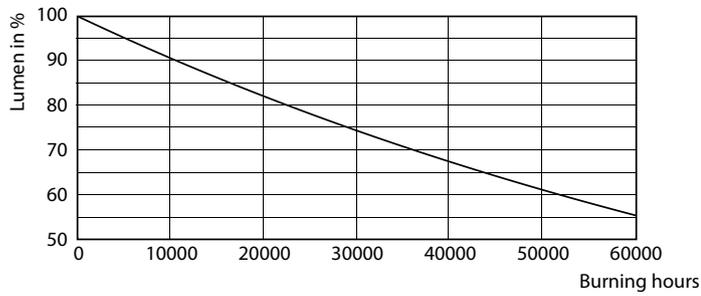
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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 360D 8.9W 3CCT 2P G24d

LifetimeVsTc



Lumen Maintenance Diagram - CorePro LED PLC 360D 8.9W 3CCT 2P G24d

