PHILIPS

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

929004253002



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)

A ↑ G D

CorePro, LED, PL-C, EM/Mains, 150 mm, 8.9 W, LED alternative to 26W PL-C, 3000 K, 4000 K, 6500 K, 1240 lm, 1300 lm, 1300 lm, CRI 82, 30000 hour(s), 146 lm/W, EEL D, G24d, Beam angle 360 degree(s), Plastic, RG1, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

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	1,240 lm
Color Designation	3000/4000/6500
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	146 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	8.9 W
Lamp Current (Nom)	50 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	26W PL-C
Inrush current at mains	13.6
Max. lamp no. on MCB B type 10A - Mains	16
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	70
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	21
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
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

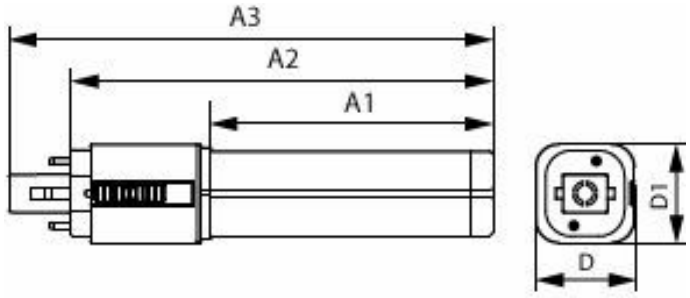
Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

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

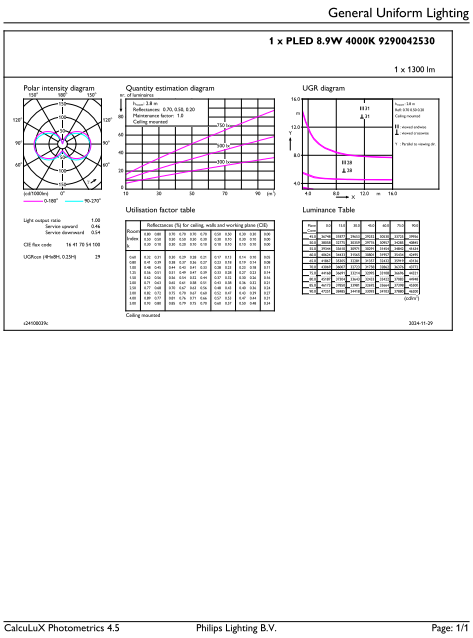
Dimensional drawing



D	D1	A1	A2	A3
35 mm	35mm	100mm	150mm	172mm

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

Photometric data


General Uniform Lighting

1 x PLED 8.9W 4000K 9290042530

1 x 1300 lm

Polar intensity diagram

Quantity estimation diagram

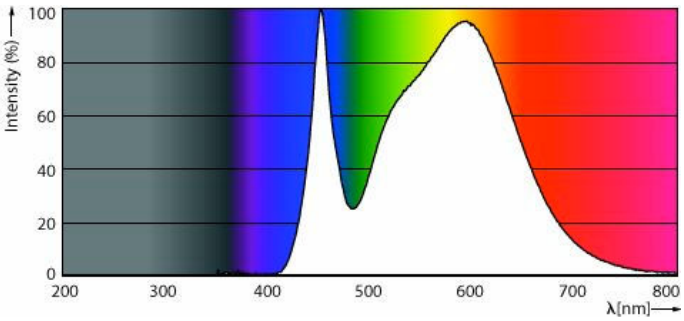
UGR diagram

Utilisation factor table

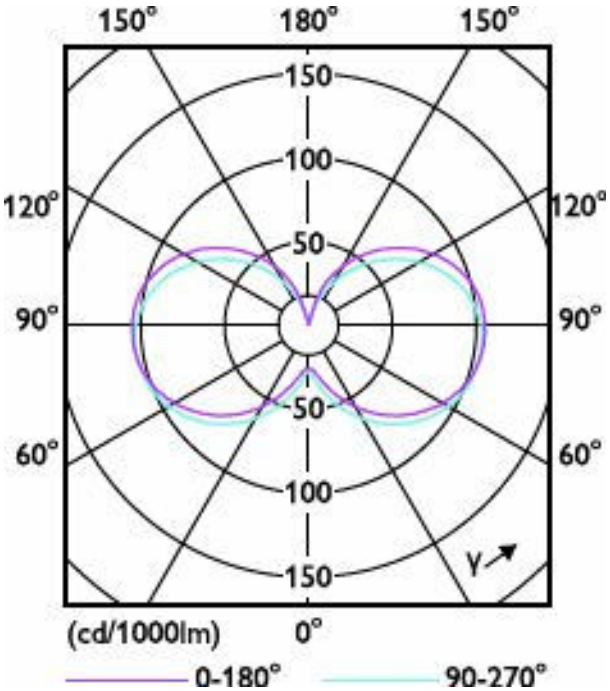
Luminance Table

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

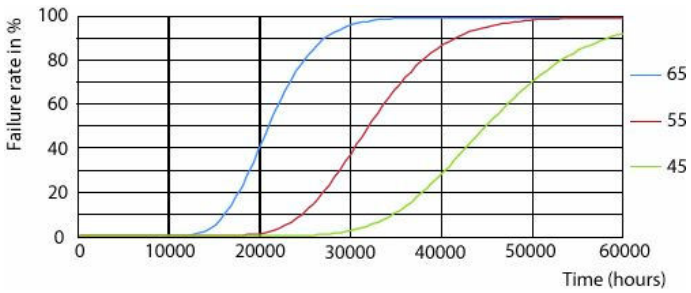


Spectral Power Distribution Colour - CorePro LED PLC 360D 8.9W 3CCT 2P G24d

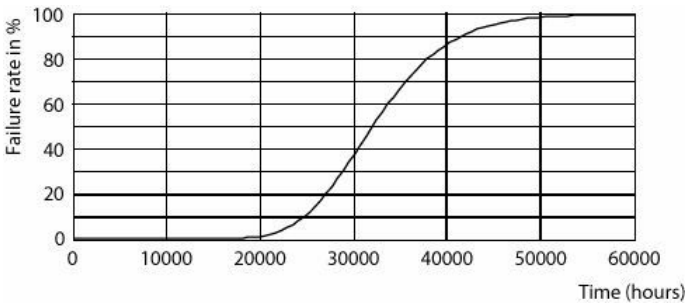


Light Distribution Diagram - CorePro LED PLC 360D 8.9W 3CCT 2P G24d

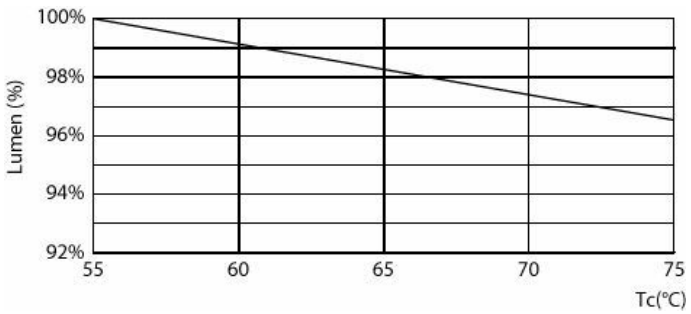
Lifetime



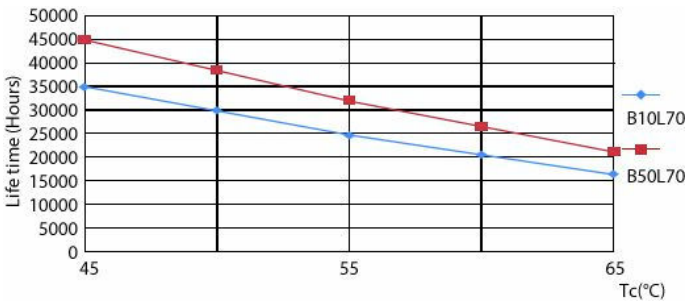
FailureRate



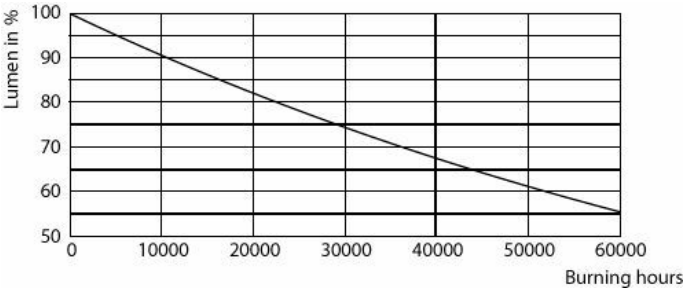
Life Expectancy Diagram



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

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	P0047389-reference-control-INI.pdf	Download
Environmental Product Declaration	Philips-CorePro-LED-PLC-360D-3CCT-2P-COMF-7904616-Ref-929004253002-EPD.pdf	Download
Installation Instructions	online-QIG-for-324166242332-Installation-guide-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	CorePro-LED-PLC-360D-8-9W-3CCT-2P-G24d-9290042530-IES.IES	Download

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