

CorePro LED PLC 9W 830 4P G24q-3

929001200802



CorePro, LED, PL-C, HF, 147.5 mm, 9 W, 26W PL-C, 3000 K, 950 lm, CRI 83, 30000 hour(s)



CorePro, LED, PL-C, HF, 147.5 mm, 9 W, LED alternative to 26W PL-C, 3000 K, 950 lm, CRI 83, 30000 hour(s), 100.00 lm/W, EEL F, G24q-3, Beam angle 120 degree(s), Plastic, RG0, SDCM 6, PF 0.9, IP20

General Information

Cap-Base	G24q-3
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	950 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	83

LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Line Frequency	30000-80000 Hz
Input Frequency	30000-80000 Hz
Power Consumption	9 W
Lamp Current (Max)	400 mA
Lamp Current (Min)	250 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	20-50 V
LED alternative to fluorescent lamp power	26W PL-C
Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	HF

Temperature

T-Case Maximum (Nom)	76 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Material	Plastic
Product Length	147.5 mm
Bulb Shape	PL-C
Net Weight (Piece)	0.088 kg

Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	403550
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 35 °C

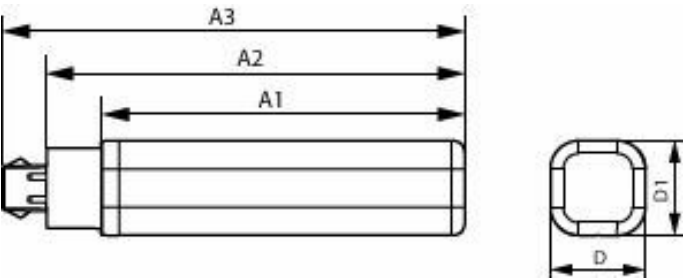
Application Conditions

Wireless Technology	Not applicable
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Product Data

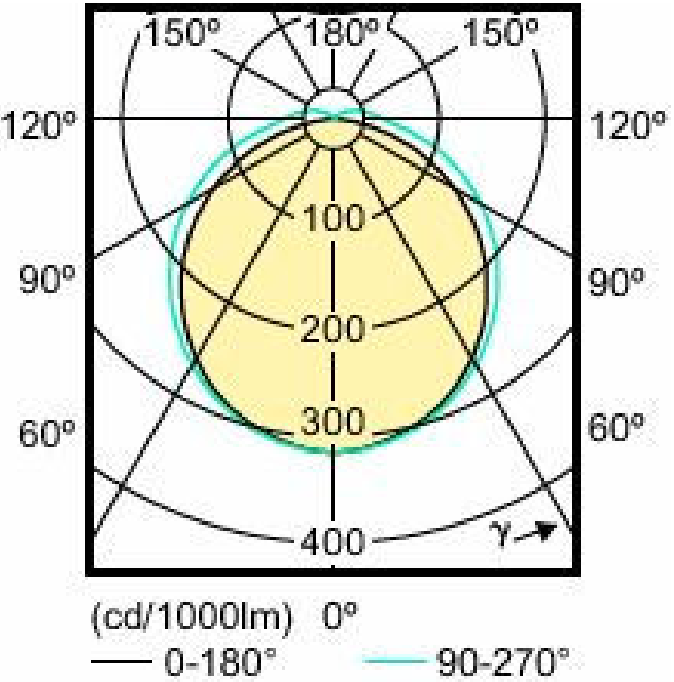
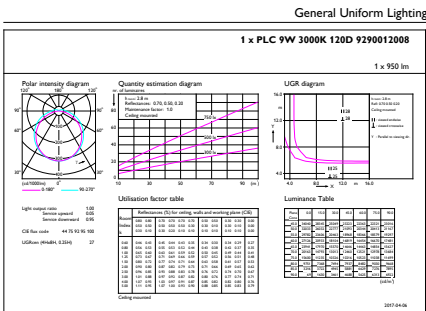
Order product name	CorePro LED PLC 9W 830 4P G24q-3
Full product name	CorePro LED PLC 9W 830 4P G24q-3
Full product code	871869654115900
Order code	929001200802
Material Nr. (12NC)	929001200802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696541159
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696541166

Dimensional drawing



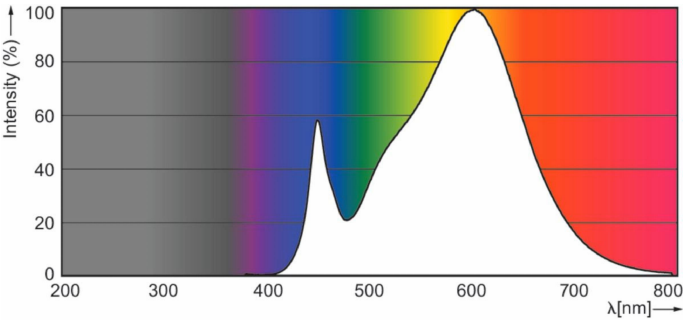
Product	D1	D	A1	A2	A3
CorePro LED PLC 9W 830 4P G24q-3	34 mm	34 mm	129 mm	148 mm	164 mm

Photometric data



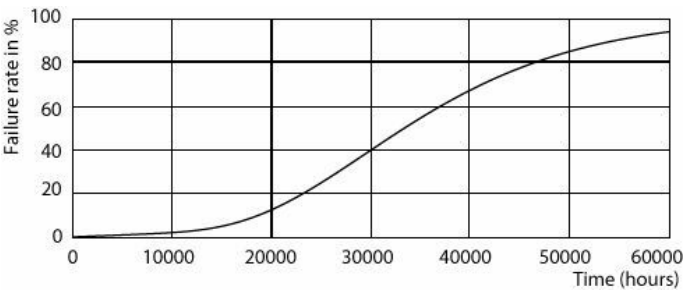
General uniform lighting - CorePro LED PLC 9W 830 4P G24q-3

Light Distribution Diagram - CorePro LED PLC 9W 830 4P G24q-3

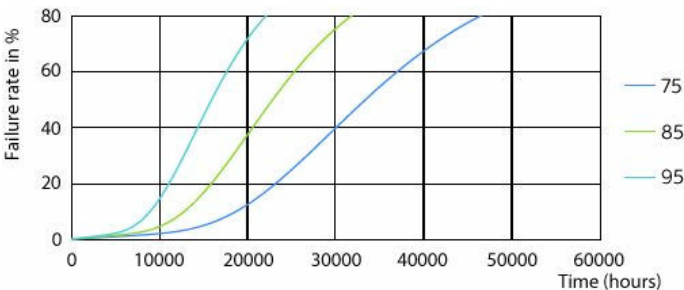


Spectral Power Distribution Colour - CorePro LED PLC 9W 830 4P G24q-3

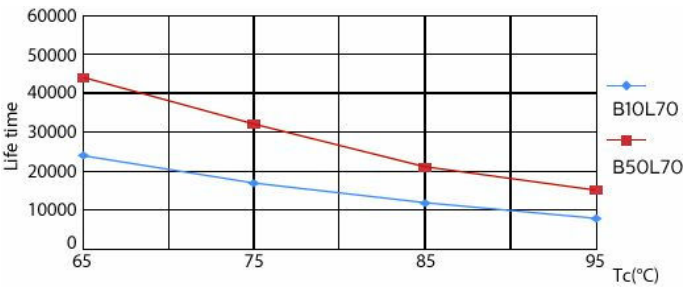
Lifetime



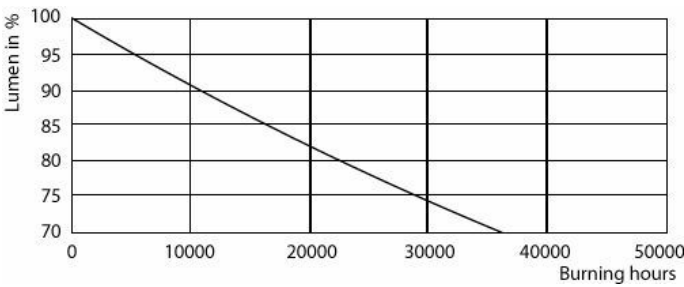
LEDtube PLC 100mm 9W G24Q-3 830 950lm



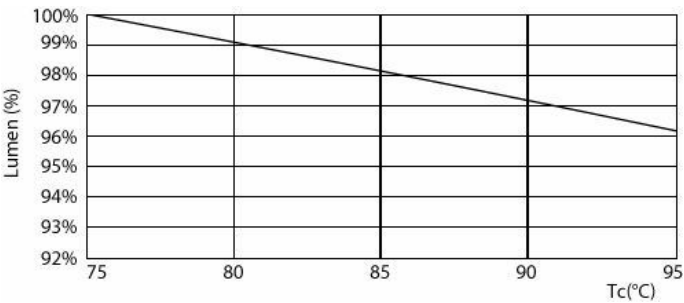
LEDtube PLC 100mm 9W G24Q-3 830 950lm



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Lumen Maintenance Diagram - CorePro LED PLC 9W 830 4P G24q-3



Lumen Maintenance Diagram - CorePro LED PLC 9W 830 4P G24q-3

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-CorePro-LED-PLC-4P-COMF-7904619-Ref-929001201102-EPD.pdf	Download
Installation Instructions	LEDtube_PLC_HF_Installation_Guide-INT.pdf	Download
Photometry and lighting design	Document Name	Download
IES File	LEDtube_PLC_100mm_9W_G24Q-3_830_950lm-IES.ies	Download

