PHILIPS

CorePro LEDtube 600mm HO 7.7W 3CCT T8

929004320402







CorePro, LEDtube, T8, EM/Mains, 600 mm, 7.7 W, 18W TL-D, 3000 K, 4000 K, 6500 K, 850 lm, 900 lm, 900 lm, CRI 80, 50000 hour(s)



CorePro, LEDtube, T8, EM/Mains, 600 mm, 7.7 W, LED alternative to 18W TL-D, 3000 K, 4000 K, 6500 K, 850 lm, 900 lm, 900 lm, CRI 80, 50000 hour(s), 116 lm/W, EEL E, G13, Beam angle 240 degree(s), Glass, 0 %, 600 mm, RG0, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

General Information

Cap-Base	G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere
Warranty period	3 years

Light Technical

Color Code	3000/4000/6500
Beam Angle (Nom)	240 degree(s)
Luminous Flux	850 lm
Color Designation	3000/4000/6500
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0
All-in Type	All-in, Multi Color Temperature

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	7.7 W
Lamp Current (Nom)	45 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	18W TL-D
Inrush current at mains	3.8
Max. lamp no. on MCB B type 10A - Mains	134
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	144
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	27
Max. lamp no. on MCB B type 16A - Mains	214
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	230
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	44
Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	50 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T8
Net Weight (Piece)	0.130 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	2518891
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
Post-consumer recycled plastic material ratio	0 %

Application Conditions

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

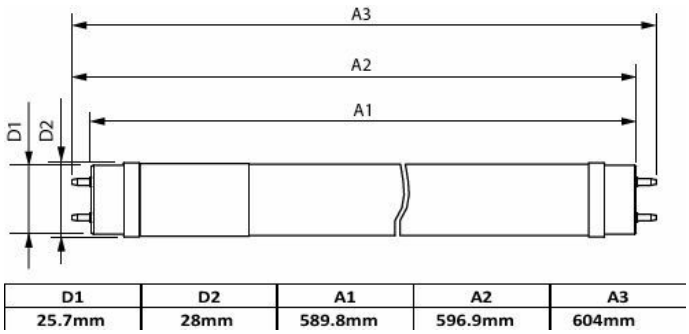
Sustainability Data

Product non-virgin material ratio	0 %

Product Data

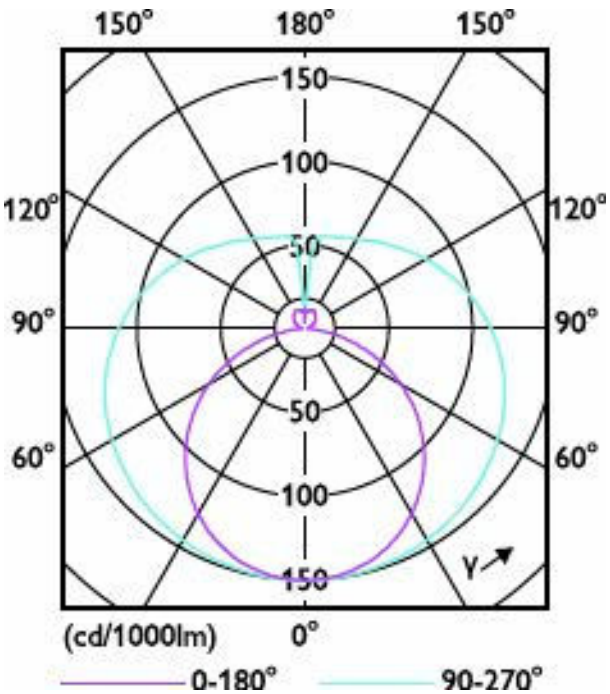
Order product name	CorePro LEDtube 600mm HO 7.7W 3CCT T8
Full product name	CorePro LEDtube 600mm HO 7.7W 3CCT T8
Full product code	872110313947400
Order code	929004320402
Material Nr. (12NC)	929004320402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103139474
Numerator - Packs per outer box	20
EAN/UPC - Case	8721103139481

Dimensional drawing

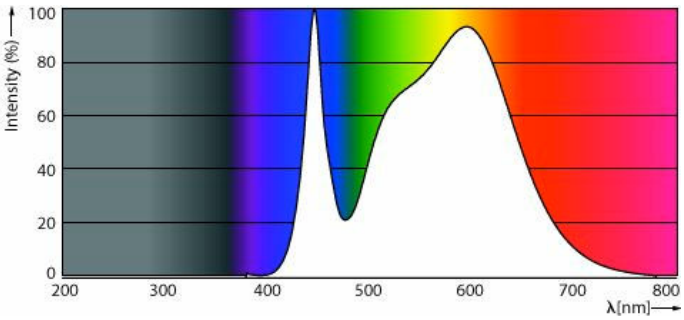


Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm HO 7.7W 3CCT T8	25.7 mm	28 mm	589.8 mm	596.9 mm	604 mm

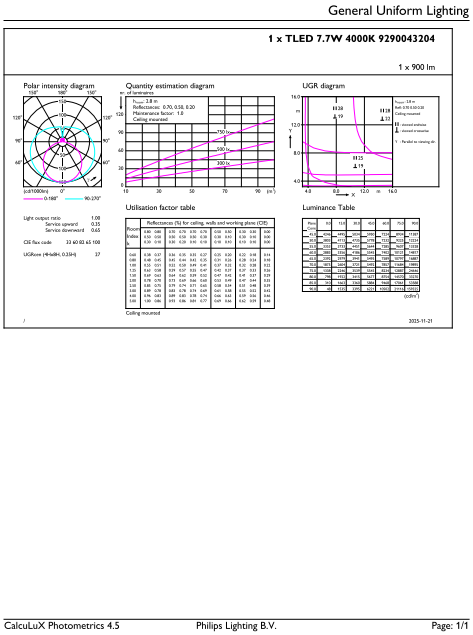
Photometric data



Light Distribution Diagram - CorePro LEDtube 600mm HO 7.7W 3CCT T8

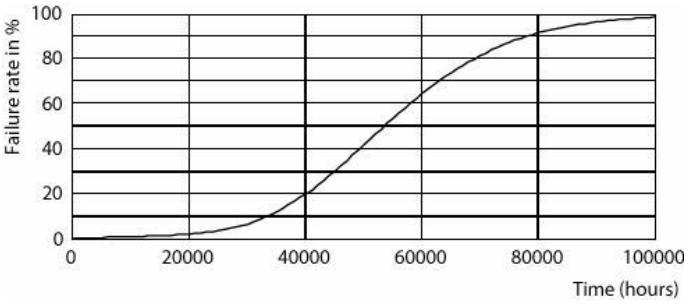


Spectral Power Distribution Colour - CorePro LEDtube 600mm HO 7.7W 3CCT T8

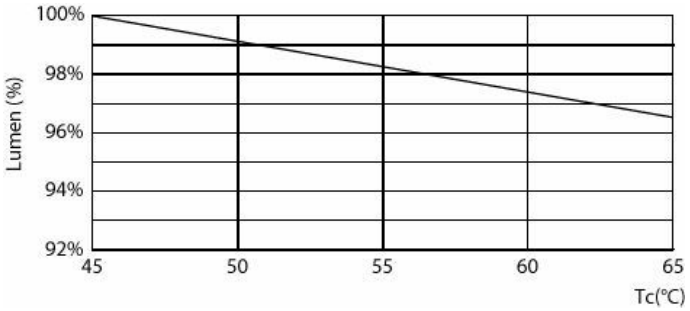


General uniform lighting - CorePro LEDtube 600mm HO 7.7W 3CCT T8

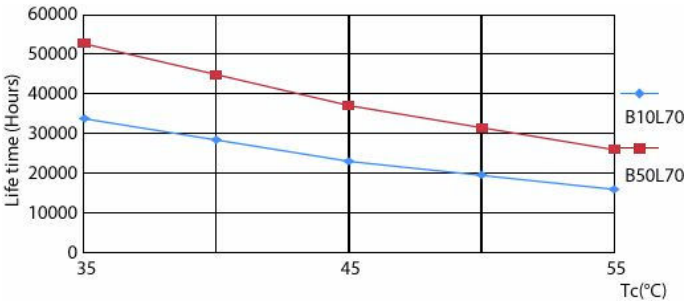
Lifetime



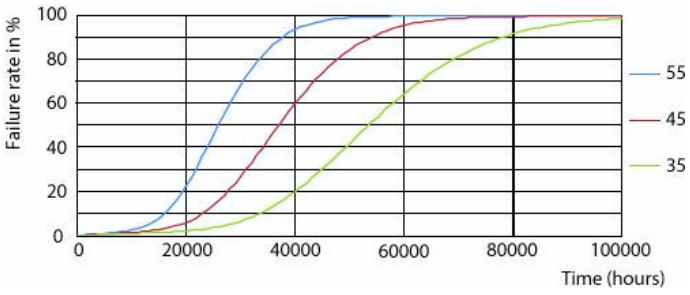
Life Expectancy Diagram



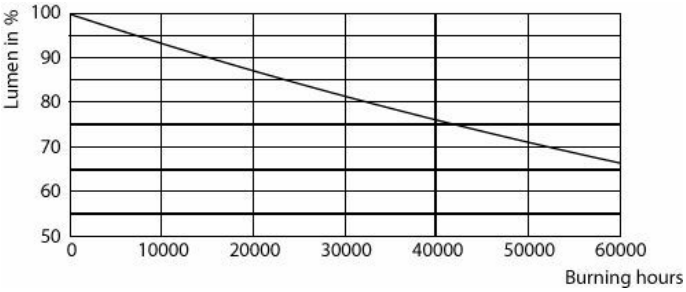
Lumen Maintenance Diagram - CorePro LEDtube 600mm HO 7.7W 3CCT T8



Life Expectancy Diagram



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube 600mm HO 7.7W 3CCT T8

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	66357991-139078-LED-BULB-NDLR-QIG-INI.pdf	Download
Environmental Product Declaration	HUB-EPD-PHILIPS-CorePro-LED-tube-EM-Mains-T8-COMF-1367-Ref-929004320402-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	CorePro-LEDtube-600mm-HO-7-7W-3CCT-T8-9290043204-IES.IES	Download
LDT File	CorePro-LEDtube-600mm-HO-7-7W-3CCT-T8-9290043204-LDT.ldt	Download

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