

CorePro LEDtube
1200mm HO 18W865 C
W G
929002000172



CorePro, LEDtube, T8, Mains, 1200 mm, 100-240 V, 18 W, 32-36W TL-D, 6500 K, 2100 lm, 25000 hour(s)

CorePro, LEDtube, T8, Mains, 1200 mm, 100-240 V, 18 W, LED alternative to 32-36W TL-D, 6500 K, 2100 lm, 25000 hour(s), 116.00 lm/W, G13, Beam angle 240 degree(s)

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	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Warranty period	3 years

Light Technical

Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	116.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	18 W
Lamp Current (Max)	160 mA
Lamp Current (Min)	95 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (Nom)	100-240 V
LED alternative to fluorescent lamp power	32-36W TL-D
Ballast Compatibility	Mains

Temperature

T-Case Maximum (Nom)	65 °C
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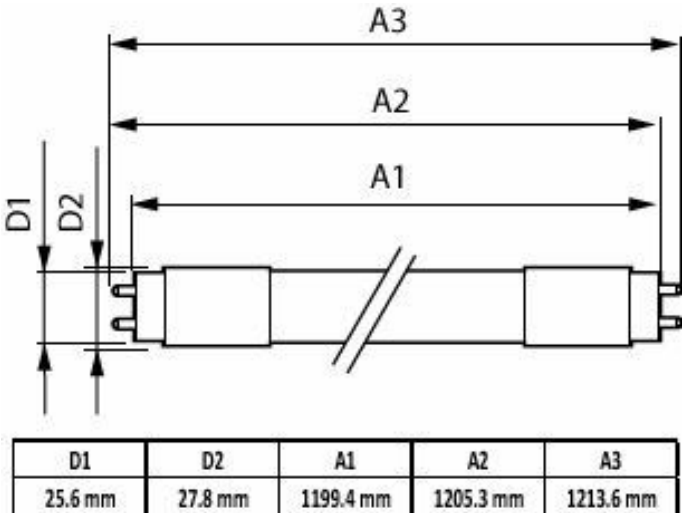
Controls and Dimming

Dimmable	No
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Mechanical and Housing

Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.225 kg

Dimensional drawing



Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	18 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

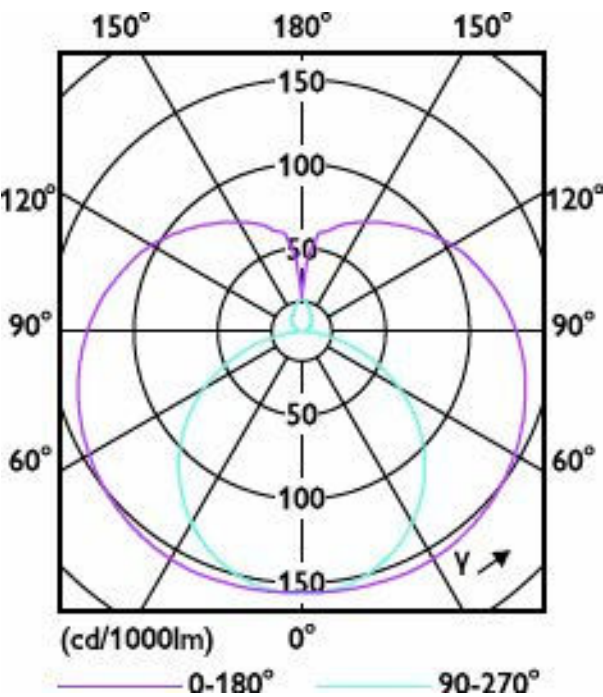
Wireless Technology	Not applicable
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Product Data

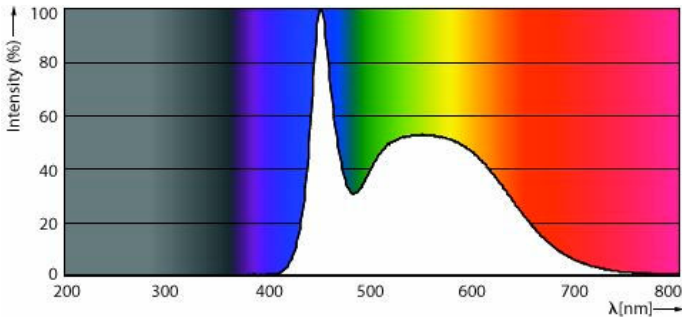
Order product name	CorePro LEDtube 1200mm HO 18W865 C W G
Full product name	CorePro LEDtube 1200mm HO 18W865 C W G
Full product code	871869963763700
Order code	929002000172
Material Nr. (12NC)	929002000172
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699637637
Numerator - Packs per outer box	25
EAN/UPC - Case	8718699637644

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HO 18W865 C W G	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm

Photometric data

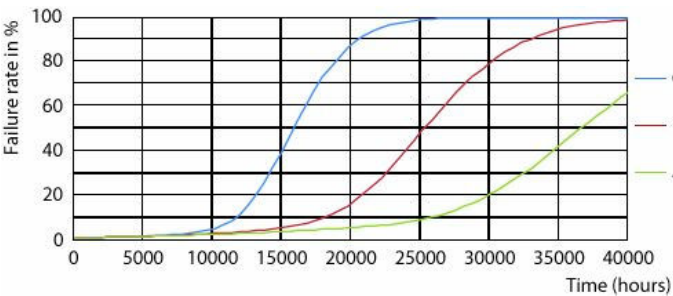


Light Distribution Diagram - CorePro LEDtube 1200mm HO 18W865 C W G

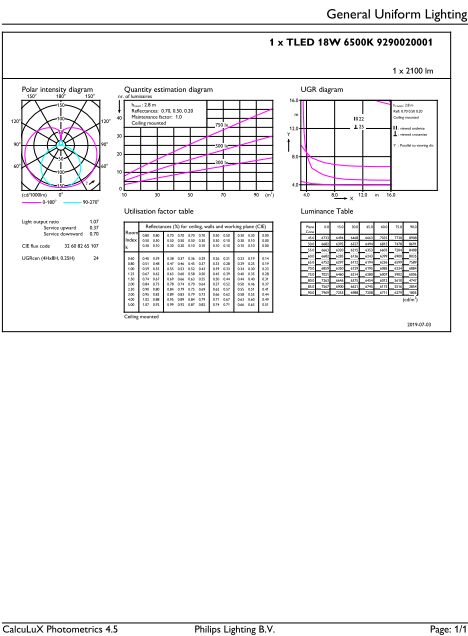


Spectral Power Distribution Colour - CorePro LEDtube 1200mm HO 18W865 C W G

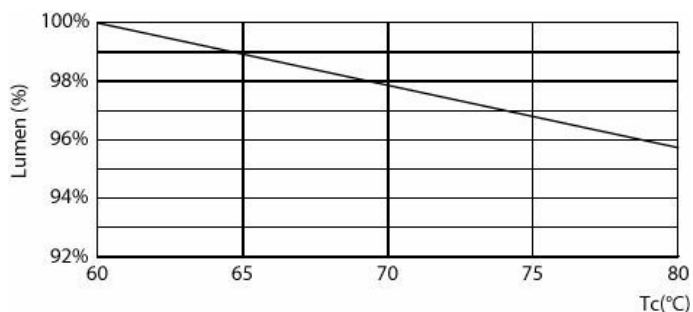
Lifetime



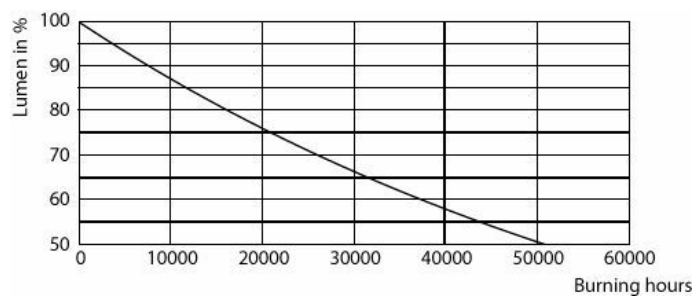
LEDtube 25K FailureRate



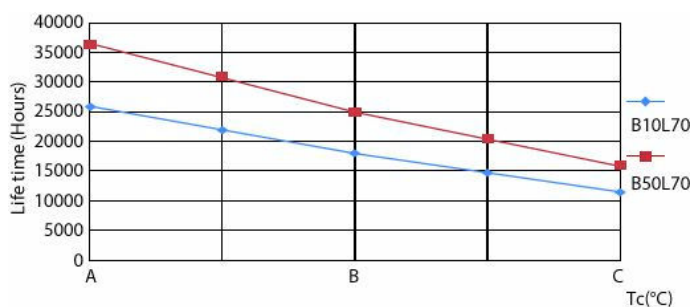
General uniform lighting - CorePro LEDtube 1200mm HO 18W865 C W G



Lumen Maintenance Diagram - CorePro LEDtube 1200mm HO 18W865 C W G



Lumen Maintenance Diagram - CorePro LEDtube 1200mm HO 18W865 C W G



LEDtube 25K LifetimeVsTc

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-CorePro-LEDtube-EM-Mains-T8-COMF-1367-Ref-929002000072-EPD.pdf	Download
Photometry and lighting design	Document Name	Download
IES File	LEDtube_18W_G13_2100lm_865-IES.IES	Download