



CorePro LED tube Universal T8

CorePro LEDtube UN 1200mm HO 18W865 T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You can forget about the driver technology. Thanks to a unique design, the Philips CorePro LEDtube Universal T8 directly fits into luminaires operating either on Electro Magnetic ballasts, HF Electronic ballasts or mains power connections. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable and easy to install, the Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and reduce investment.

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	50,000X
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Technical Beam Angle (Nom)	240 °
Lamp Luminous Flux 25°C EL (Nom)	2000 lm
Colour Designation	Cool Daylight
Colour Temperature, horizontal (Nom)	6500 K
Lamp Luminous Efficacy EM (Nom)	111.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	18 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.97
Voltage (Nom)	220-240 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	65 °C

Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb material	Glass
Product length	1200 mm

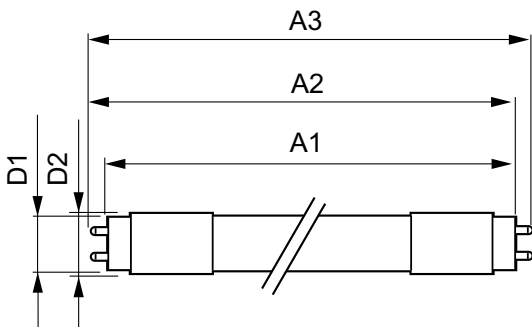
Approval and Application

Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	18 kWh

Product Data

Full product code	871869680170300
Order product name	CorePro LEDtube UN 1200mm HO 18W865 T8
EAN/UPC – product	8718696801703
Order code	929001869402
Numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001869402
SAP net weight (piece)	0.215 kg

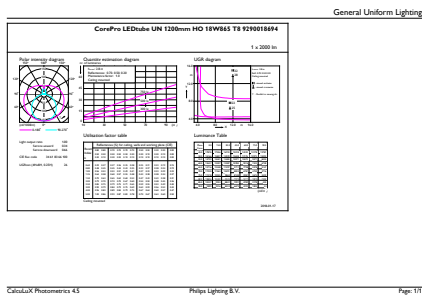
Dimensional drawing



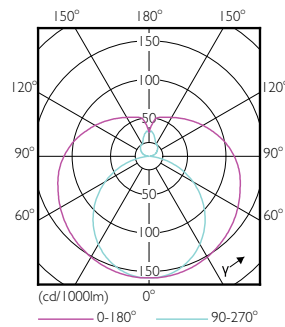
TLED 1200mm UNV16W-36W 2100lm 6500K

Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1200mm HO 18W865 T8	27.9 mm	28 mm	1199.4 mm	1205.3 mm	1213.6 mm

Photometric data



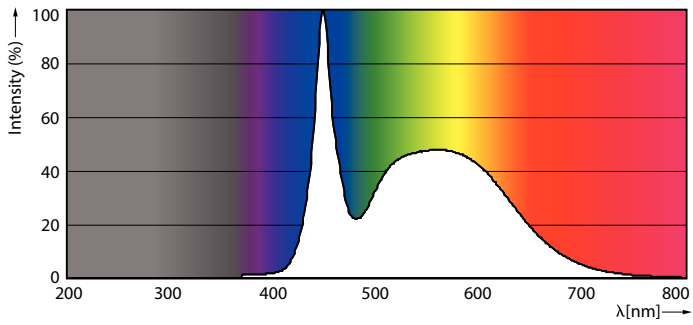
18W G13 865 6500K



18W G13 830 3000K

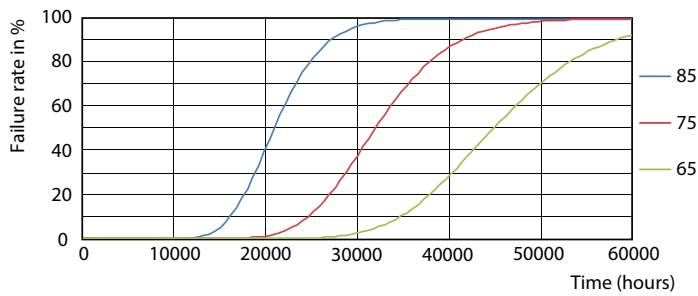
CorePro LED tube Universal T8

Photometric data

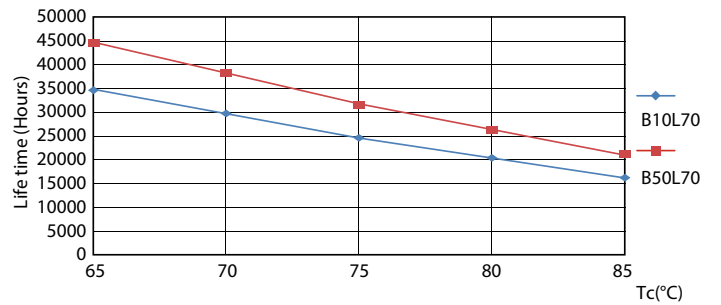


18W G13

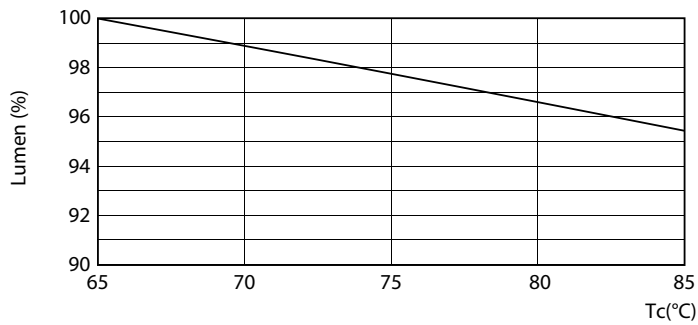
Lifetime



18W G13



18W G13



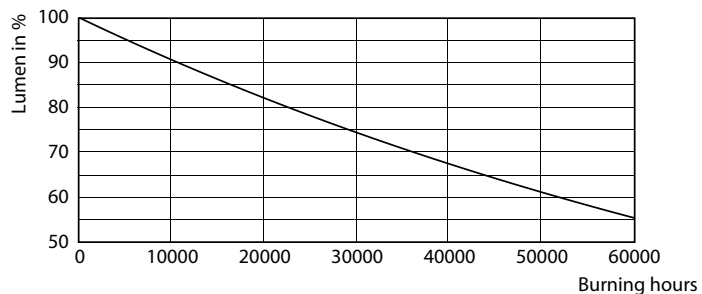
18W G13



18W G13

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Lifetime



18W G13

