



# 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		Operating and Electrical	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	18 W
Nominal lifetime (nom.)	30000 h	Starting time (nom.)	0.5 s
Switching cycle	50,000X	Warm-up time to 60% light (nom.)	0.5 s
Light Technical		Power factor (nom.)	0.97
Colour Code	865 [ CCT of 6,500 K]	Voltage (Nom)	220-240 V
Beam Angle (Nom)	240 °	Temperature	
Luminous flux (nom.)	2000 lm	T-ambient (max.)	45 °C
Colour designation	Cool Daylight	T-ambient (min.)	-20 °C
Correlated Colour Temperature (Nom)	6500 K	T storage (max.)	65 °C
Luminous efficacy (rated) (nom.)	111.00 lm/W	T storage (min.)	-40 °C
Colour consistency	<6	T-Case maximum (nom.)	65 °C
Colour rendering index (nom.)	80	Controls and Dimming	
LLMF at end of nominal lifetime (nom.)	70 %	Dimmable	No

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## Mechanical and Housing

Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended

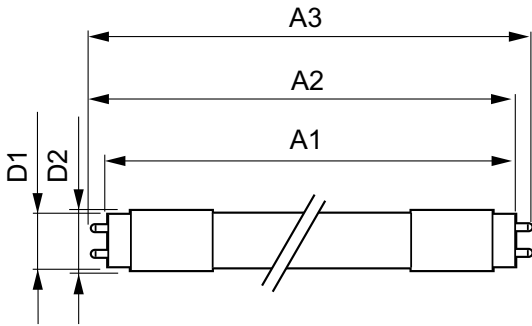
## Approval and Application

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	80170300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001869402
SAP net weight (piece)	0.215 kg

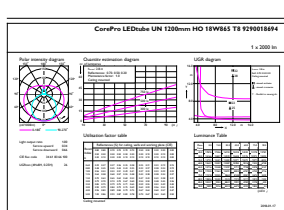
## Dimensional drawing



TLED 1200mm UNV16W-36W 2100lm 6500K

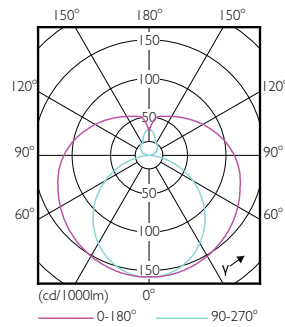
Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1200mm HO 18W865 T8	27.9 mm	28 mm	1199.4 mm	1205.3 mm	1213.6 mm

## Photometric data



CalcLux Prosimmerix 4.5 Philips Lighting B.V. Page 1/17

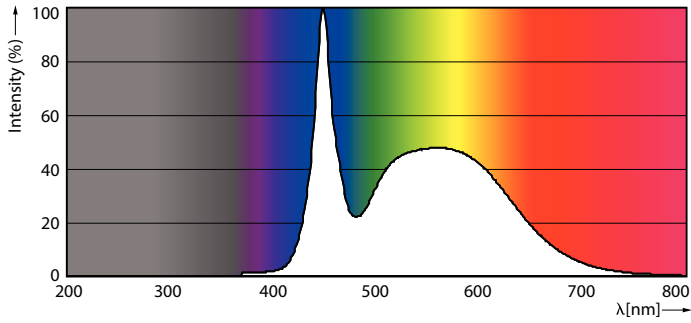
18W G13 865 6500K



18W G13 830 3000K

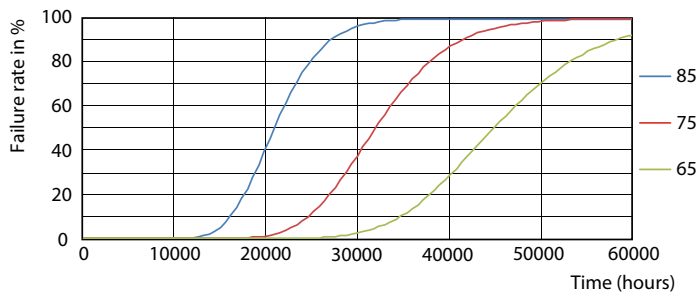
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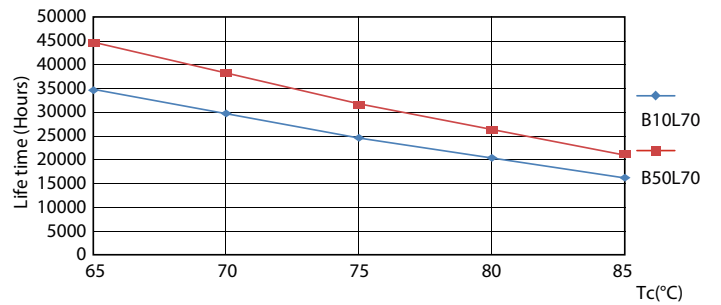


18W G13

## Lifetime



18W G13



18W G13



18W G13



18W G13

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## Lifetime



18W G13

