



# CorePro LED tube Universal T8

## CorePro LEDtube UN 1200mm HO 18W840 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		Power (Rated) (Nom)	
Cap base	G13 [ Medium Bi-Pin Fluorescent]		18 W
Main application	Industrial	Lamp current (nom.)	100 mA
Nominal lifetime (nom.)	30000 h	Starting time (nom.)	0.5 s
Switching cycle	50000X	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.97
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Colour Code	840 [ CCT of 4,000 K]	T ambient (max.)	45 °C
Technical Beam Angle (Nom)	240 °	T ambient (min.)	-20 °C
Lamp Luminous Flux 25°C EL (Nom)	2000 lm	T storage (max.)	65 °C
Lamp Luminous Flux (Nom)	2000 lm	T storage (min.)	-40 °C
Colour Temperature, horizontal (Nom)	4000 K	T-Case maximum (nom.)	65 °C
Colour consistency	<6		
Colour Rendering Index,horiz (Nom)	80	Controls and Dimming	
LLMF at end of nominal lifetime (nom.)	70 %	Dimmable	No
Operating and Electrical			
Input frequency	50 to 60 Hz		

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## Mechanical and Housing

Bulb material	Glass
Product length	1200 mm

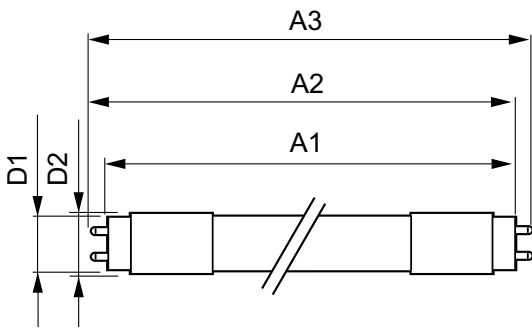
## Approval and Application

Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh

## Product Data

Full product code	871869680168000
Order product name	CorePro LEDtube UN 1200mm HO 18W840 T8
EAN/UPC – product	8718696801680
Order code	80168000
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001869302
Net weight (piece)	0.270 kg

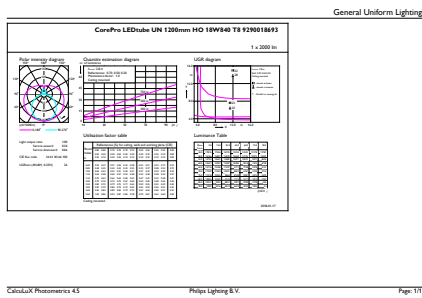
## Dimensional drawing



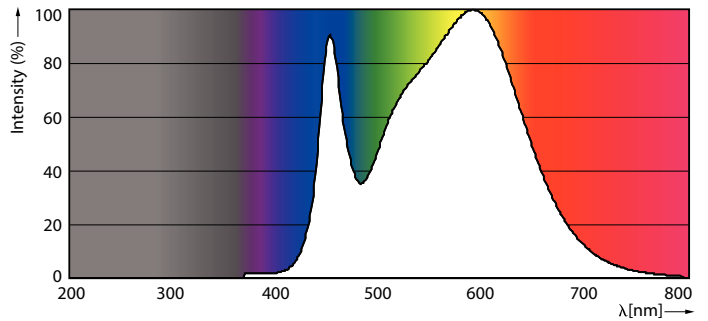
TLED 1200mm UNV16W-36W 2100lm 4000K

Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1200mm HO 18W840 T8	27.9 mm	28 mm	1199.4 mm	1205.3 mm	1213.6 mm

## Photometric data



18W G13 840 4000K



18W G13

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## Photometric data



18W G13 830 3000K

## Lifetime



18W G13



18W G13



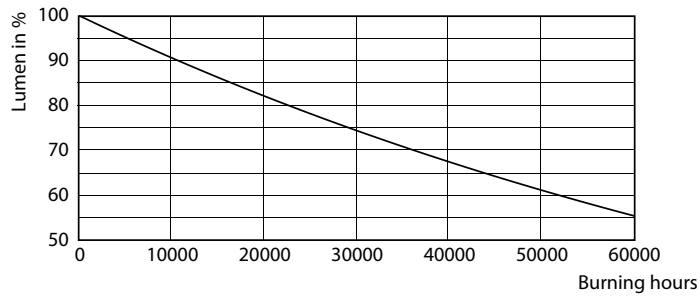
18W G13



18W G13

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## Lifetime



18W G13

