



CorePro LED tube Universal T8

CorePro LEDtube UN 1500mm HO 23W840 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]		23 W
Main application	Industrial	Lamp current (nom.)	130 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)	2700 lm	T storage (max.)	65 °C
Lamp Luminous Flux (Nom)	2700 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	1500 mm

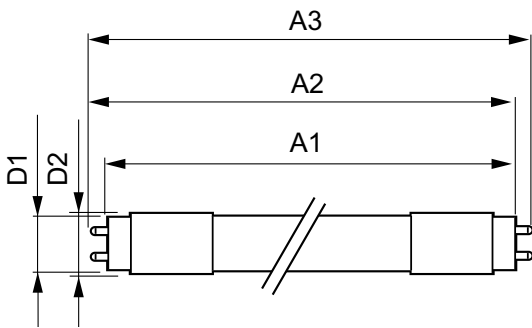
Approval and Application

Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh

Product Data

Full product code	871869680174100
Order product name	CorePro LEDtube UN 1500mm HO 23W840 T8
EAN/UPC – product	8718696801741
Order code	80174100
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001869602
Net weight (piece)	0.450 kg

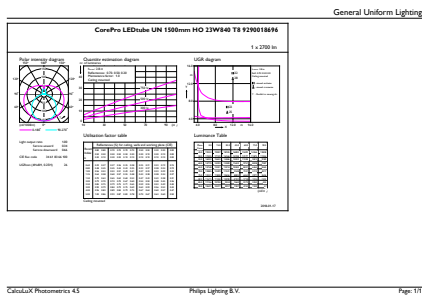
Dimensional drawing



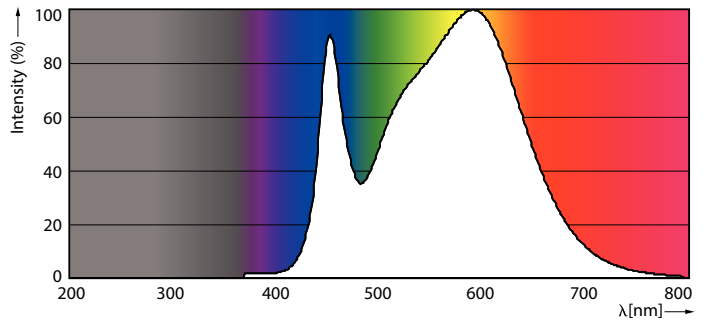
TLED 1500mm UNV24W-54W 3100lm 4000K

Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1500mm HO 23W840 T8	27.9 mm	28 mm	1500 mm	1505.9 mm	1514.2 mm

Photometric data



23W G13 840 4000K



18W G13

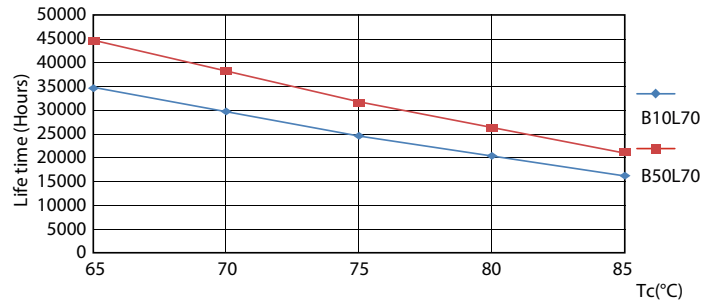
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Photometric data



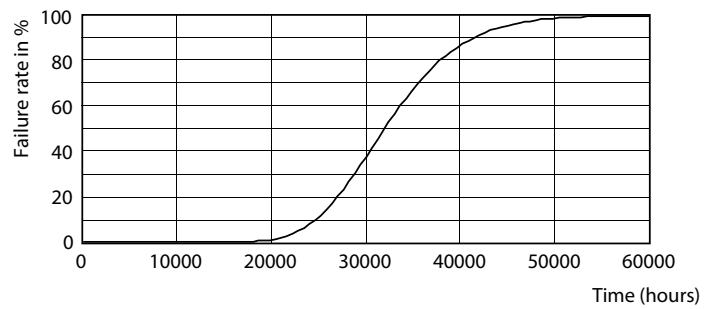
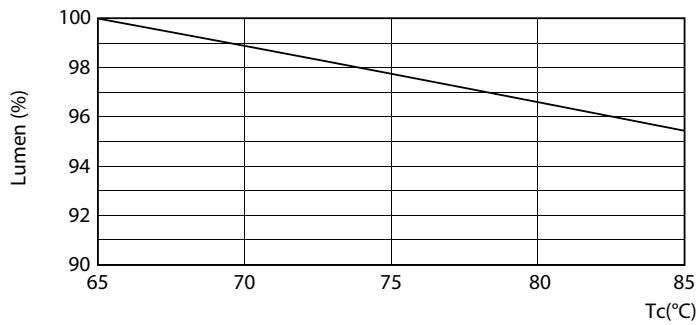
18W G13 830 3000K

Lifetime



18W G13

18W G13

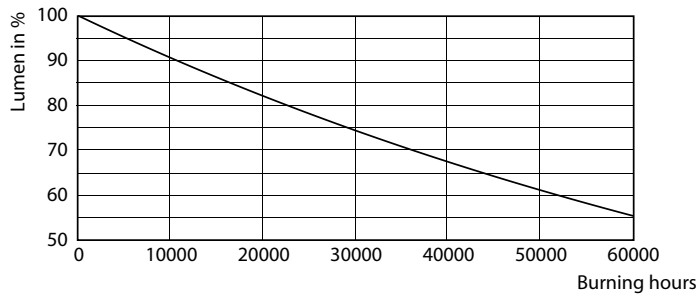


18W G13

18W G13

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Lifetime



18W G13

