



# CorePro LED tube Universal T8



## CorePro LEDtube UN 1500mm HO 23W865 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)	23 W
Nominal lifetime (nom.)	30000 h	Lamp current (nom.)	130 mA
Switching cycle	50,000X	Starting time (nom.)	0.5 s
	Sphere	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Colour Code	865 [ CCT of 6,500 K]	T-ambient (max.)	45 °C
Beam Angle (Nom)	240 °	T-ambient (min.)	-20 °C
Luminous flux (nom.)	2700 lm	T storage (max.)	65 °C
Colour designation	Cool Daylight	T storage (min.)	-40 °C
Correlated Colour Temperature (Nom)	6500 K	T-Case maximum (nom.)	60 °C
Luminous efficacy (rated) (nom.)	117.00 lm/W		
Colour consistency	<6		
Colour rendering index (nom.)	80		
LLMF at end of nominal lifetime (nom.)	70 %		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1500 mm
Bulb shape	Tube, double-ended

## Approval and Application

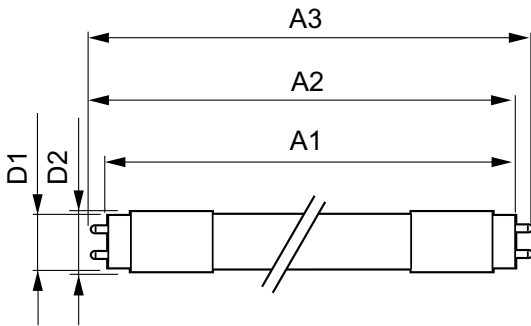
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	23 kWh
	403585

## Product Data

Full product code	871869680176500
Order product name	CorePro LEDtube UN 1500mm HO 23W865 T8
EAN/UPC – product	8718696801765
Order code	80176500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001869702
SAP net weight (piece)	0.270 kg

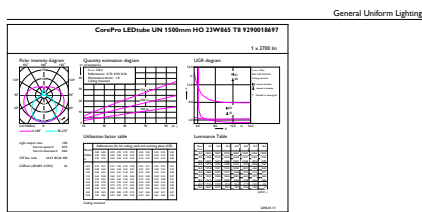
## Dimensional drawing



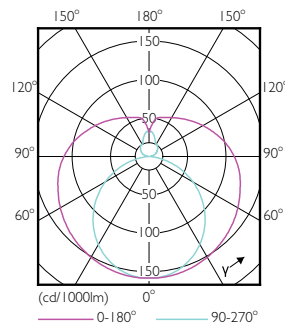
TLED 1500mm UNV24W-54W 3100lm 6500K

Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1500mm HO 23W865 T8	27.9 mm	28 mm	1500 mm	1505.9 mm	1514.2 mm

## Photometric data



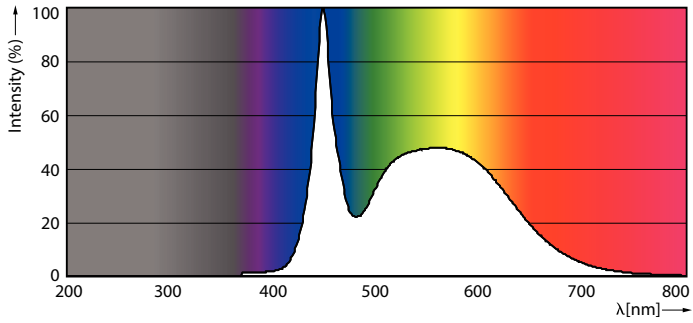
23W G13 865 6500K



18W G13 830 3000K

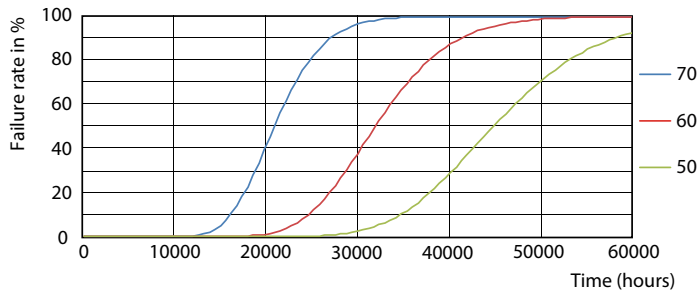
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## Photometric data

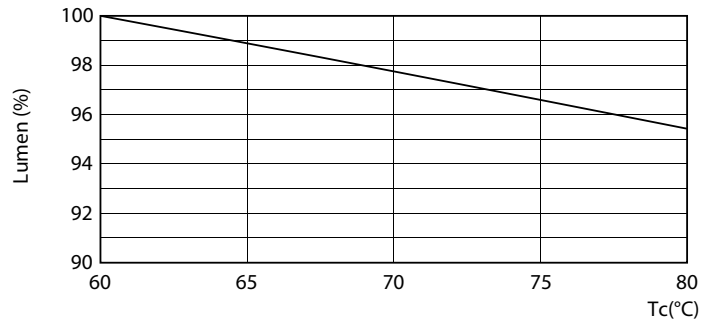


18W G13

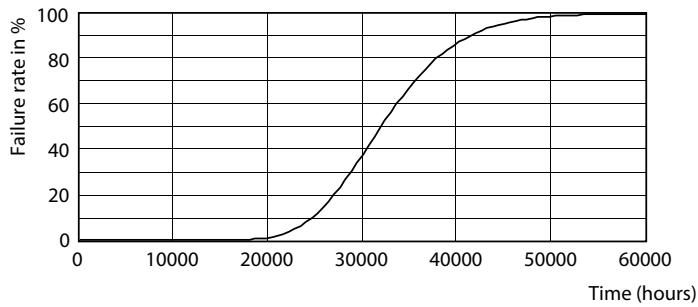
## Lifetime



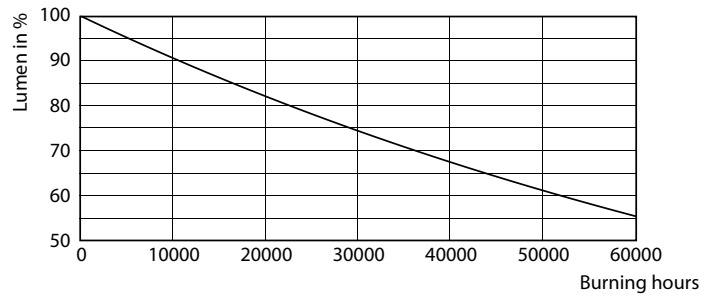
LEDtube COR SLR 23W 30K FailureRate-LED-LED



LEDtube COR SLR 23W 30K LumenVsTc-LMP-LMP



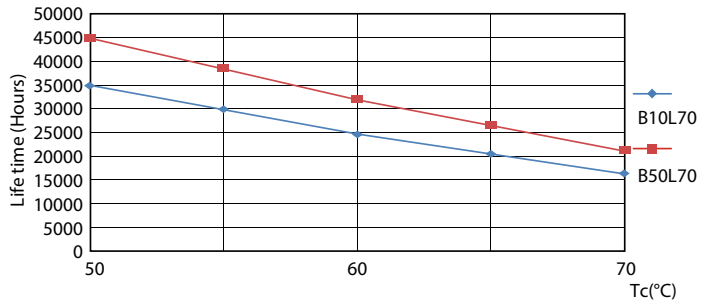
18W G13



18W G13

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## Lifetime



LEDtube COR SLR 23W 30K LifetimeVsTc-LED-LED

