



# CorePro LED tube Universal T8



## CorePro LEDtube UN 1500mm HO 23W830 T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips CorePro LEDtube Universal T8 directly fits in luminaires operating either on Electro Magnetic ballasts or HF Electronic ballasts or mains power connection. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable & easy to install Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and lower investment.

### Product data

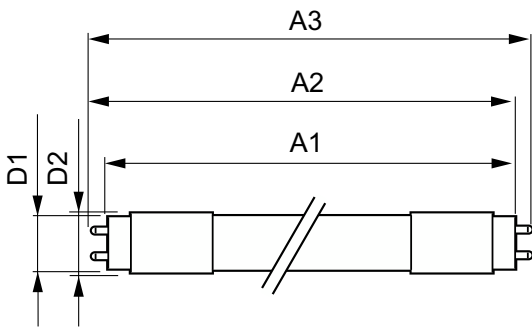
General Information		Colour rendering index (CRI)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		80
Nominal lifetime	50,000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching Cycle	50,000	Flickering value (PstLM)	1
Lighting Technology	LED	Stroboscopic effect	0.9
Flux measurement reference	Sphere	Photobiological safety according to EN 62471	RGO
CE mark	Yes	<b>Operating and Electrical</b>	
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz
<b>Light Technical</b>		Input frequency	50 to 60 Hz
Colour Code	830 [CCT of 3000K]	Power Consumption	23 W
Beam angle (nom.)	240 degree(s)	Lamp current (nom.)	130 mA
Luminous Flux	2,500 lm	Starting time (nom.)	0.5 s
Colour designation	White (WH)	Warm-up time to 60% light	0.5 s
Correlated Colour Temperature	3000 K	Power Factor (Fraction)	0.9
Luminous efficacy (rated) (nom.)	108.00 lm/W	Voltage (nom.)	220-240 V
Colour consistency	<6	LED alternative to fluorescent lamp power	58 W

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Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1,500 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

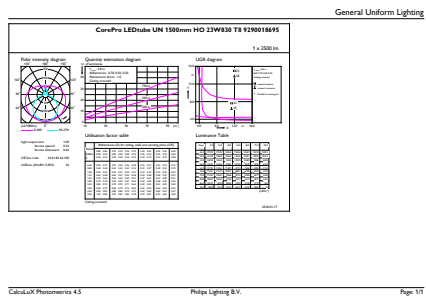
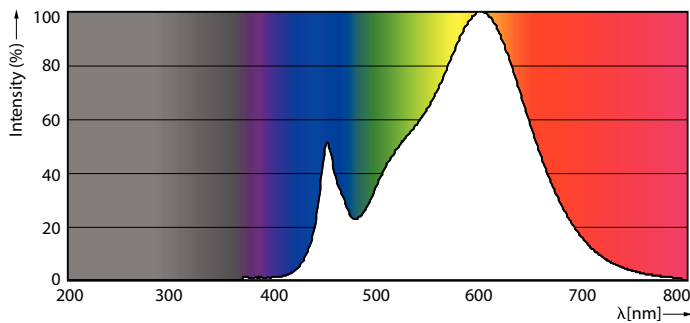
Energy consumption kWh/1,000 hours	23 kWh
EPREL registration number	1315790
Product Data	
Full EOC	871869680172700
Order product name	CorePro LEDtube UN 1500mm HO 23W830 T8
Order code	80172700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12 NC)	929001869502
Full product name	CorePro LEDtube UN 1500mm HO 23W830 T8
EAN/UPC – Case	8718696801734
EAN/UPC – Product/Case	8718696801727

## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1500mm HO 23W830 T8	27.9 mm	28 mm	1,500 mm	1,505.9 mm	1,514.2 mm

## Photometric data

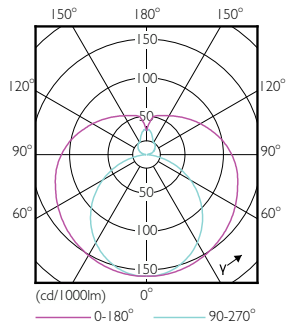


Spectral Power Distribution Colour - CorePro LEDtube UN 1500mm HO 23W830 T8

General uniform lighting - CorePro LEDtube UN 1500mm HO 23W830 T8

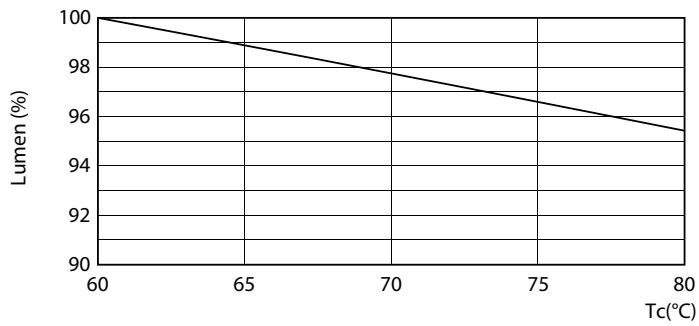
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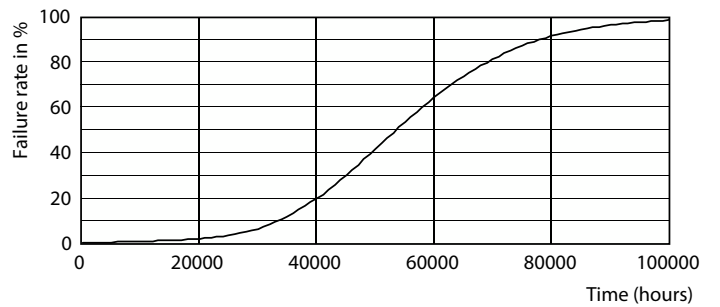


Light Distribution Diagram

## Lifetime



Lumen Maintenance Diagram



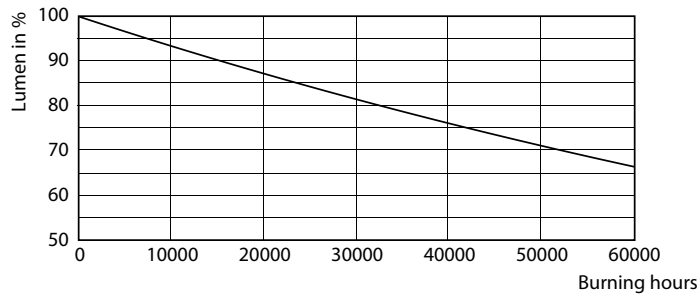
Life Expectancy Diagram - CorePro LEDtube UN 1500mm HO 23W830 T8

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Lumen Maintenance Diagram - CorePro LEDtube UN 1500mm HO 23W830 T8

