



CorePro LED tube Universal T8



CorePro LEDtube UN 1200mm HO 18W830 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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	50,000X
	Sphere
Light Technical	
Colour Code	830 [CCT of 3,000 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	1850 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	102.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

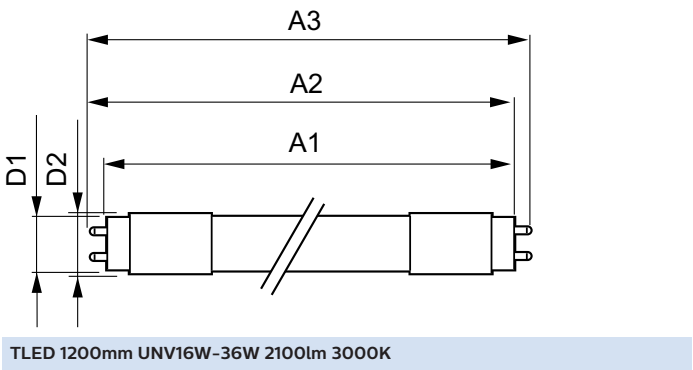
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	18 W
Lamp current (nom.)	100 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	55 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

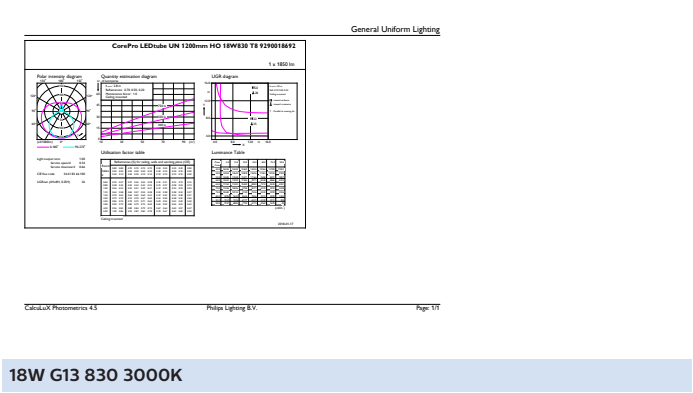
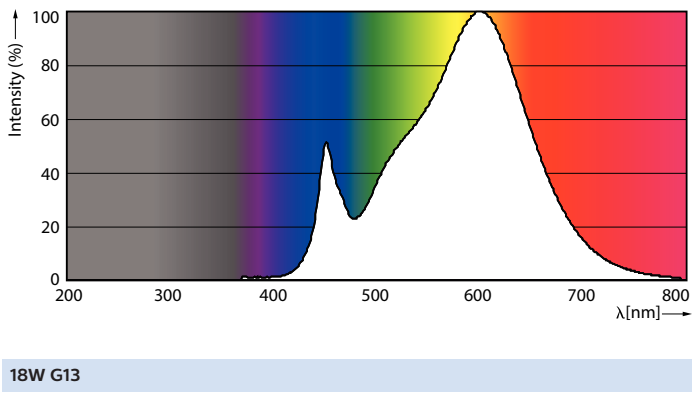
Energy consumption kWh/1,000 hours	
18 kWh	
403580	
Product Data	
Full product code	871869680166600
Order product name	CorePro LEDtube UN 1200mm HO 18W830 T8
EAN/UPC – product	8718696801666
Order code	80166600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001869202
SAP net weight (piece)	0.270 kg

Dimensional drawing



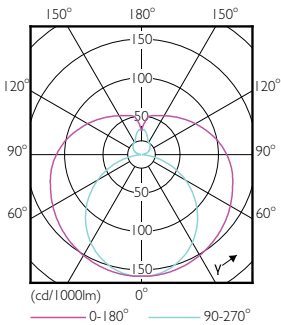
Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1200mm HO 18W830 T8	27.9 mm	28 mm	1199.4 mm	1205.3 mm	1213.6 mm

Photometric data



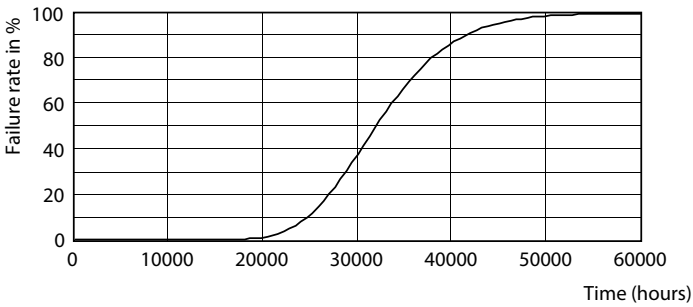
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Photometric data

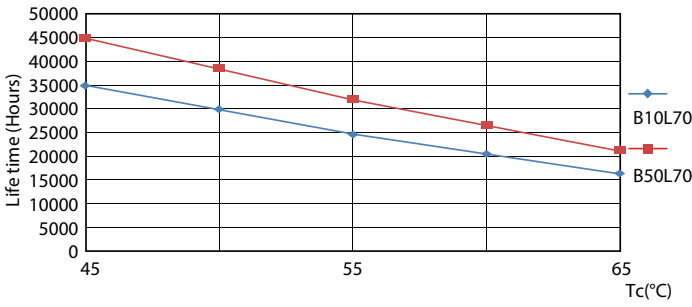


18W G13 830 3000K

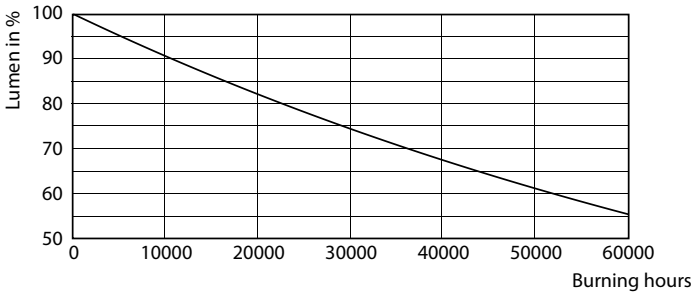
Lifetime



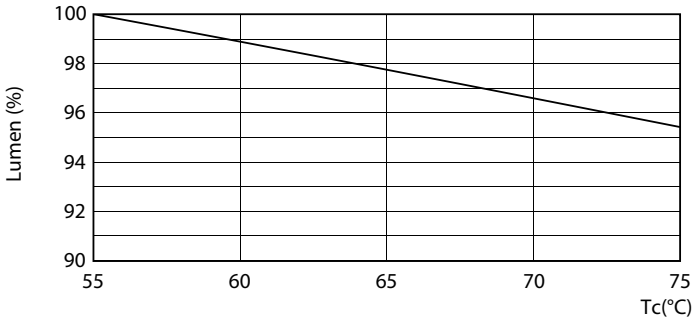
18W G13



LEDtube COR SLR 18W 30K LifetimeVsTc-LED-LED



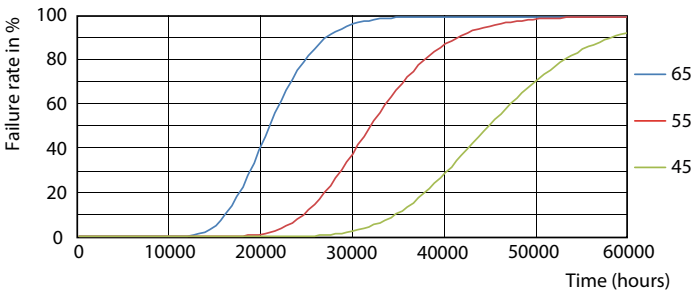
18W G13



LEDtube COR SLR 18W 30K LumenVsTc-LMP-LMP

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Lifetime



LEDtube COR SLR 18W 30K FailureRate-LED-LED

