



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	
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	840 [CCT of 4,000 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	2000 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	111.00 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
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Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended

Approval and Application

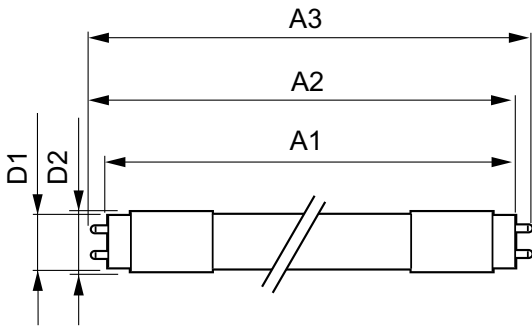
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	18 kWh
	403581

Product Data

Full product code	871869680168000
Order product name	CorePro LEDtube UN 1200mm HO 18W840 T8
EAN/UPC – product	8718696801680
Order code	80168000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001869302
SAP net weight (piece)	0.270 kg

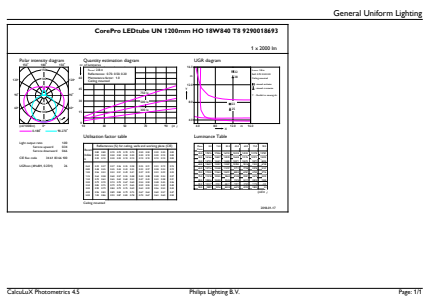
Dimensional drawing



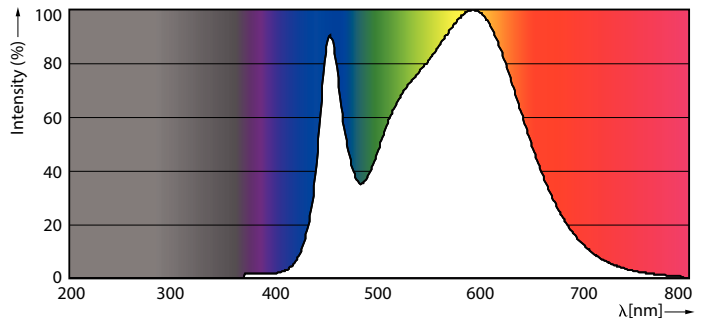
TLED 1200mm UNV16W-36W 2100lm 4000K

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



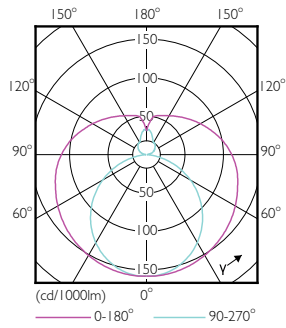
18W G13 840 4000K



18W G13

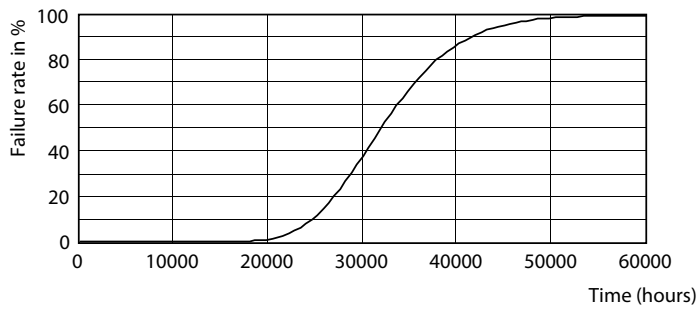
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Photometric data

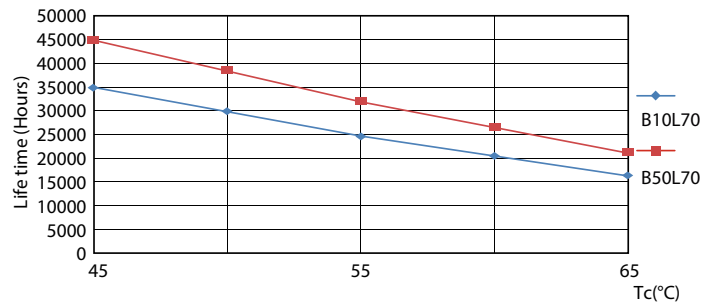


18W G13 830 3000K

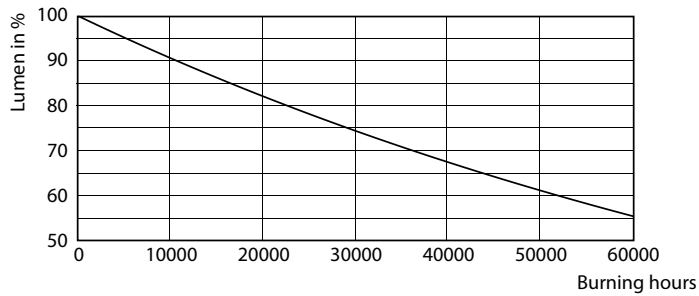
Lifetime



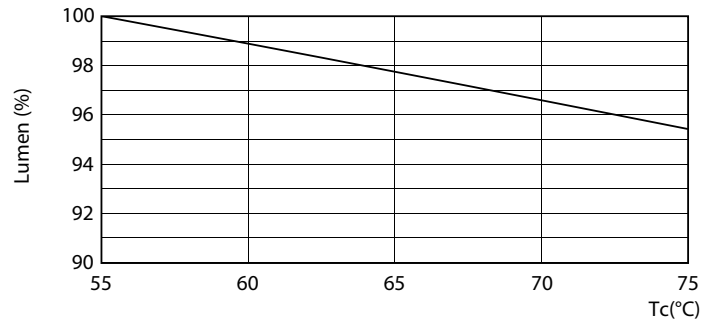
18W G13



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



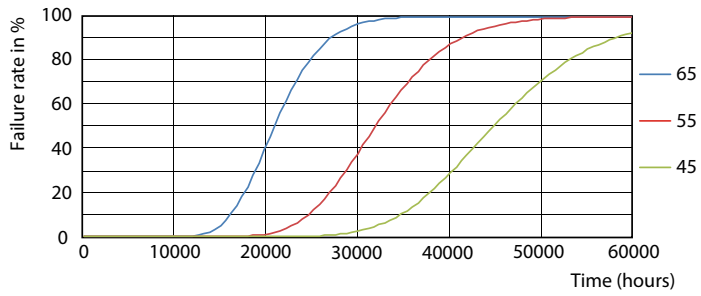
18W G13



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

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Lifetime



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

