



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		Operating and Electrical	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	18 W
Nominal lifetime (nom.)	30000 h	Lamp current (nom.)	100 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	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)	2000 lm	T storage (max.)	65 °C
Colour Designation	Cool White (CW)	T storage (min.)	-40 °C
Colour Temperature, horizontal (Nom)	4000 K	T-Case maximum (nom.)	55 °C
Lamp Luminous Efficacy EM (Nom)	111.00 lm/W		
Colour consistency	<6		
Colour Rendering Index,horiz (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	1200 mm
Bulb shape	Tube, double-ended

Approval and Application

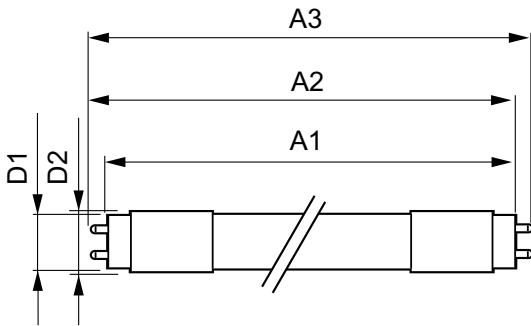
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

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	929001869302
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001869302
SAP net weight (piece)	0.270 kg

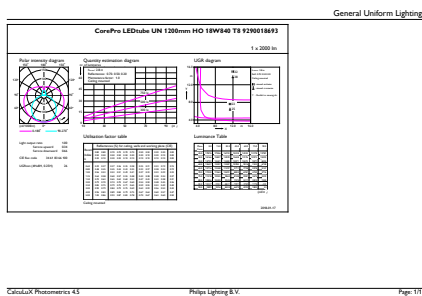
Dimensional drawing



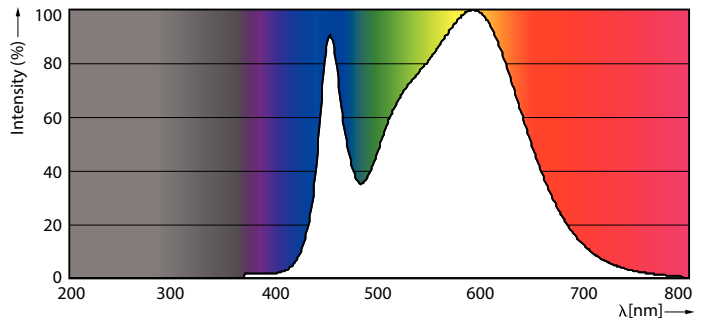
CorePro LEDtube UN 1200mm HO 18W840 T8

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

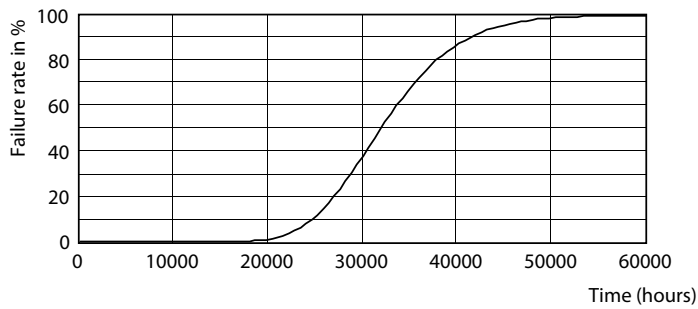
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Photometric data

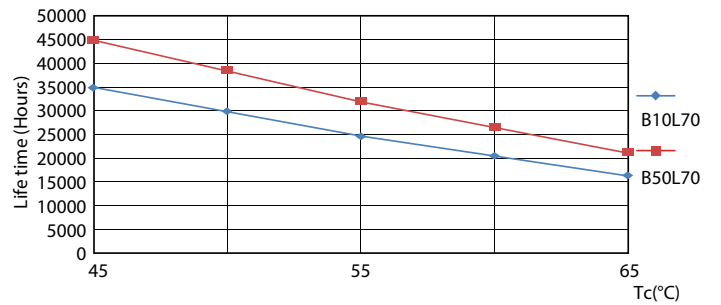


18W G13 830 3000K

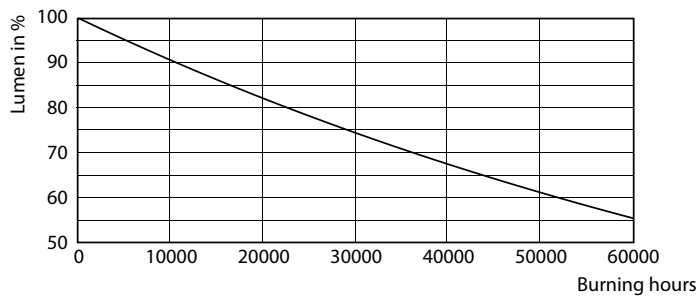
Lifetime



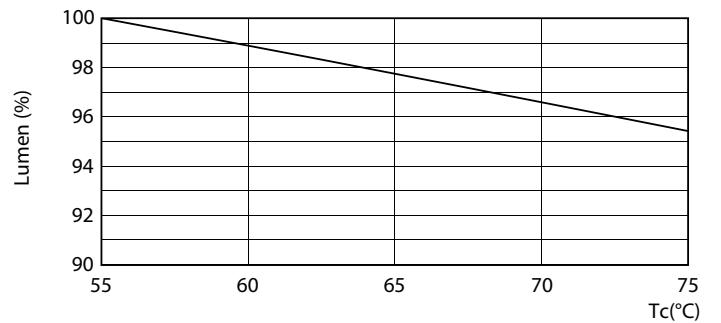
18W G13



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



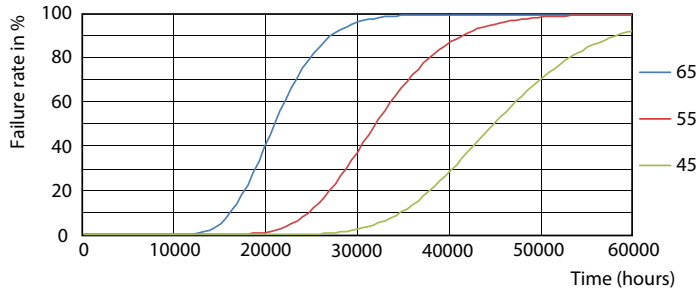
18W G13



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

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Lifetime



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

