



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 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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	240 degree(s)
Luminous Flux	2,000 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous Efficacy (rated) (Nom)	111 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80

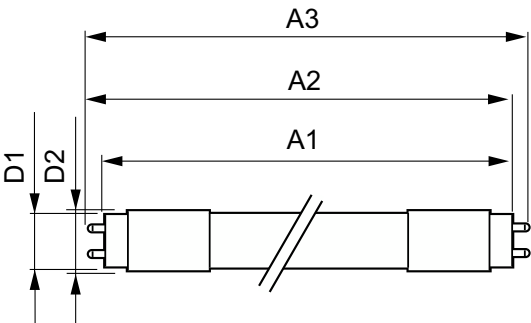
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	18 W
Lamp current (nom.)	100 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
Temperature	
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	1,200 mm
Bulb shape	Tube, double-ended
Approval and application	
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	18 kWh
EPREL registration number	1,315,788

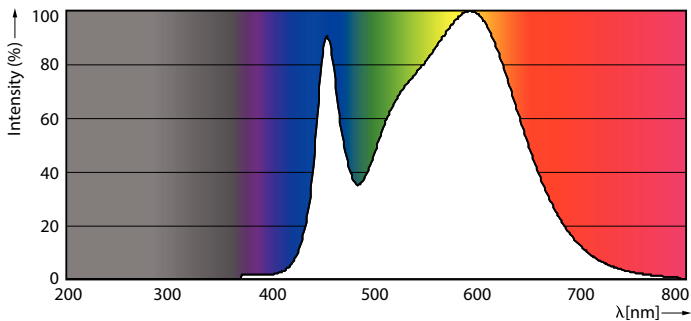
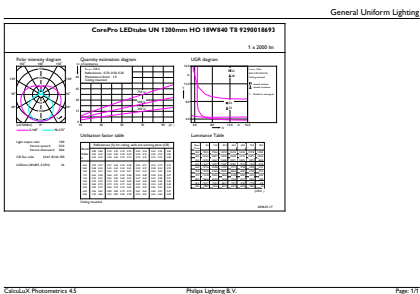
CE mark	Yes
EU RoHS compliant	Yes
Product data	
Full EOC	871869680168000
Order product name	CorePro LEDtube UN 1200mm HO 18W840 T8
Order code	80168000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929001869302
Net weight	0.215 kg
Full product name	CorePro LEDtube UN 1200mm HO 18W840 T8
EAN/UPC – Case	8718696801697

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1200mm HO 18W840 T8	27.9 mm	28 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm

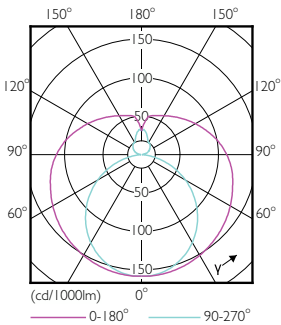
Photometric data



Spectral Power Distribution Colour

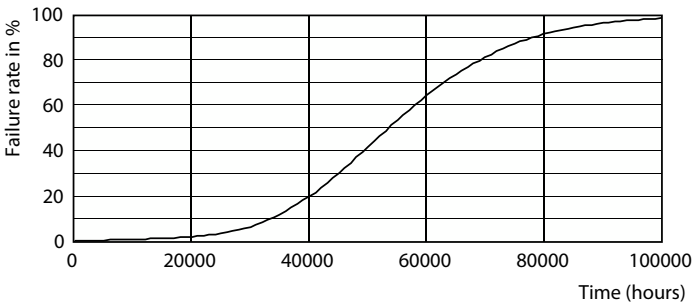
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Photometric data

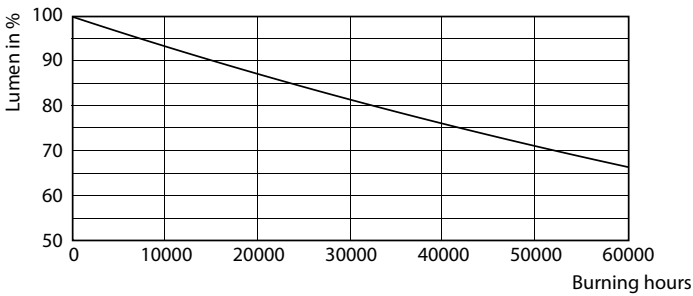


Light Distribution Diagram

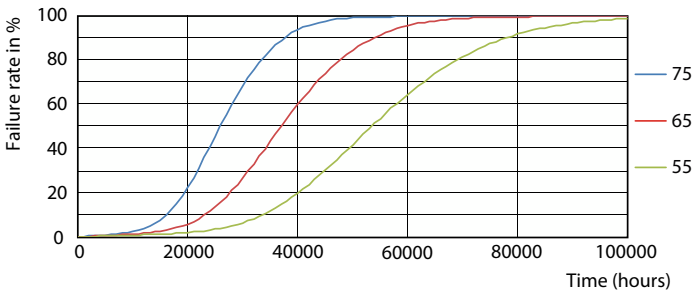
Lifetime



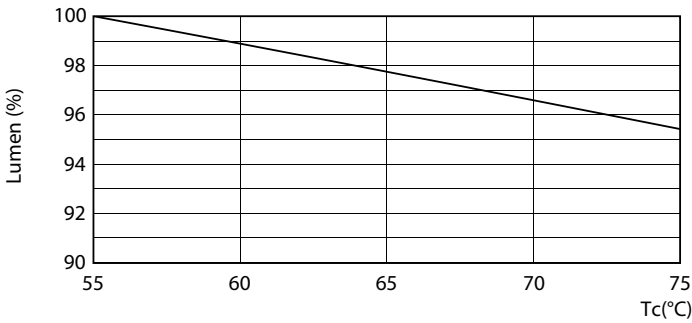
Life Expectancy Diagram - CorePro LEDtube UN 1200mm HO 18W840 T8



Lumen Maintenance Diagram - CorePro LEDtube UN 1200mm HO 18W840 T8



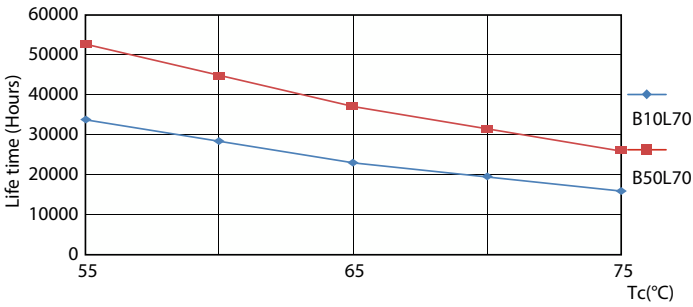
Life Expectancy Diagram



Lumen Maintenance Diagram

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Lifetime



Life Expectancy Diagram

