



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 1200mm HO 18W865 C W G

Philips CorePro LEDtubes are the quick and easy way to replace T8 fluorescent or other LED tubes with a fast pack back time. Not only does the Core range of LEDtubes require a low initial investment, but LED energy efficiency also delivers instant savings that you can bank on over a long and reliable lifetime. Plus, with the same lamp size and light distribution as fluorescent alternatives, you'll never know the difference. There are two ways to install these LED tubes: Rewire your existing fluorescent-based luminaires so the CorePro LEDtubes work directly on the Mains. Or simply change the fluorescent starter to an LED starter that can be used with your Electromagnetic ballasts.

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

Product data

General information		Luminous Flux (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		2100 lm
EU RoHS compliant	Yes	Color Designation	Cool Daylight
Nominal Lifetime (Nom)	25000 h	Correlated Color Temperature (Nom)	6500 K
Switching Cycle	50000X	Luminous Efficacy (rated) (Nom)	116.00 lm/W
Technical Type	18-32-36W	Color Consistency	<6
		Color Rendering Index (Nom)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light technical		Operating and electrical	
Color Code	865 [CCT of 6500K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	240 °		

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Power (Nom)	18 W
Lamp Current (Max)	160 mA
Lamp Current (Min)	95 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.92
Voltage (Nom)	100-240 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)	65 °C

Controls and dimming

Dimmable	No
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Mechanical and housing

Product Length	1200 mm
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Bulb Shape	Tube, single-ended
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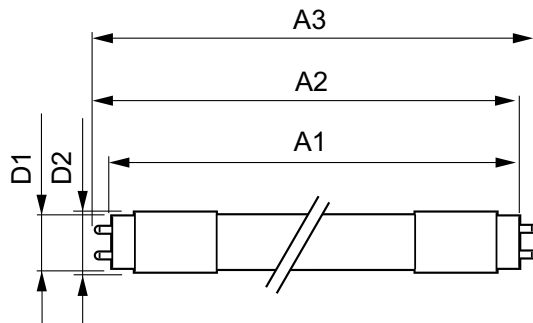
Approval and application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	18 kWh

Product data

Full product code	871869963763700
Order product name	CorePro LEDtube 1200mm HO 18W865 C W G
EAN/UPC - Product	8718699637637
Order code	929002000172
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002000172
Net Weight (Piece)	0.225 kg

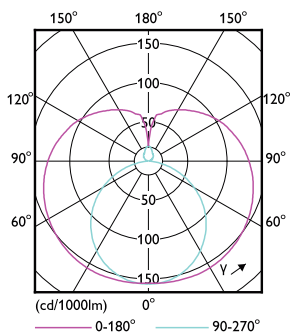
Dimensional drawing



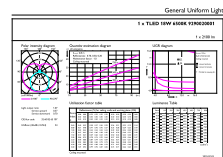
CorePro LEDtube 1200mm HO 18W865 C W G

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HO 18W865 C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm

Photometric data



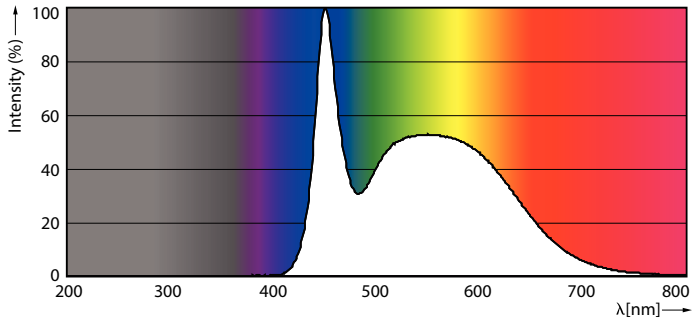
LEDtube 18W G13 2100lm



LEDtube 18W G13 2100lm 865

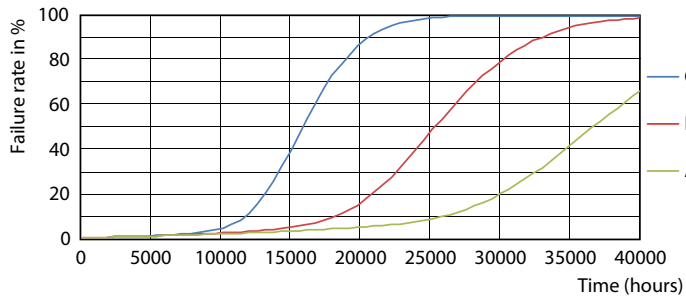
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Photometric data

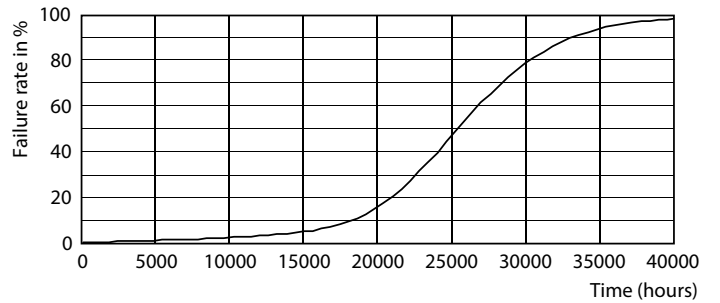


LEDtube 18W G13 865

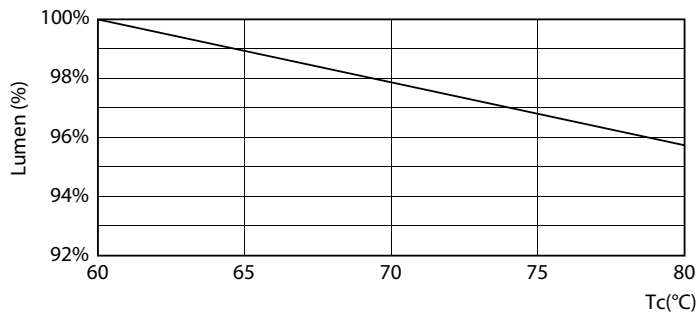
Lifetime



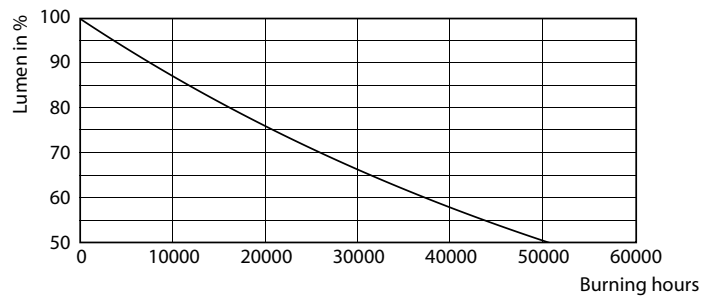
LEDtube 25K FailureRate



LEDtube 25K



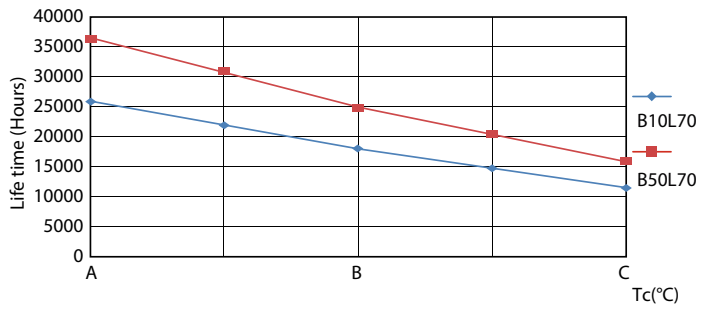
LEDtube 25K 1 LumenVsTc



LEDtube 25K

CorePro LEDtube EM/Mains T8

Lifetime



LEDtube 25K LifetimeVsTc

