



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 600mm 8.8W865 AU

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		Color Designation	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Designation	Cool Daylight
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	6500 K
Nominal Lifetime (Nom)	30000 h	Luminous Efficacy (rated) (Nom)	90.00 lm/W
Switching Cycle	200000	Color Consistency	<6
Light technical		Color Rendering Index (Nom)	80
Color Code	865 [CCT of 6500K]	LLMF At End Of Nominal Lifetime (Nom)	70 %
Beam Angle (Nom)	240 °	Operating and electrical	
Luminous Flux (Nom)	800 lm	Input Frequency	50 to 60 Hz
		Power (Nom)	8.8 W

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Lamp Current (Nom)	38 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)	40 °C

Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass

Product Length	600 mm
Bulb Shape	Tube, single-ended

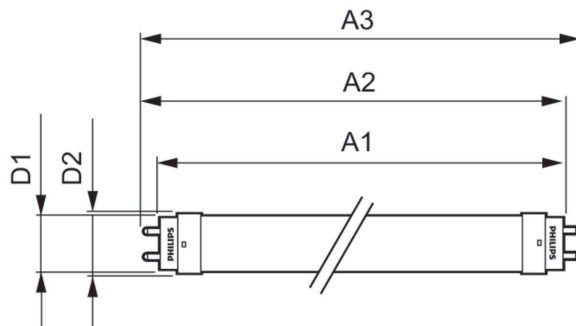
Approval and application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

Product data

Full product code	871869966291200
Order product name	CorePro LEDtube 600mm 8.8W865 AU
EAN/UPC - Product	8718699662912
Order code	929001338719
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001338719
Net Weight (Piece)	0.120 kg

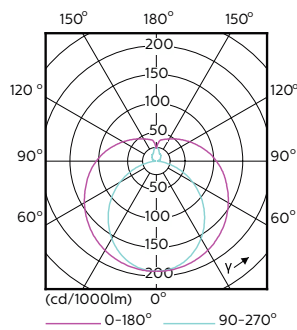
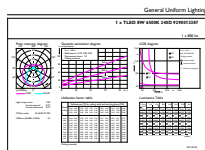
Dimensional drawing



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Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8.8W865 AU	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

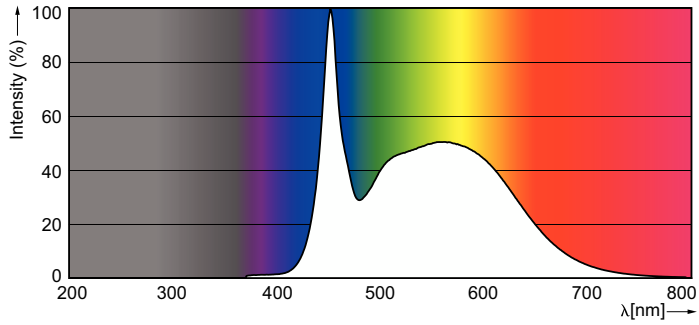


LEDtube 600mm 8W G13 865 800lm

LEDtube 1500mm 20W G13 840 2200lm

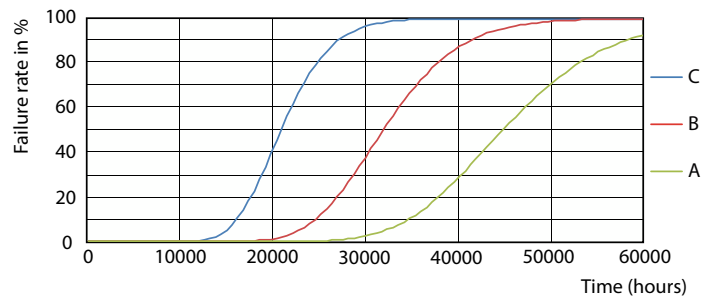
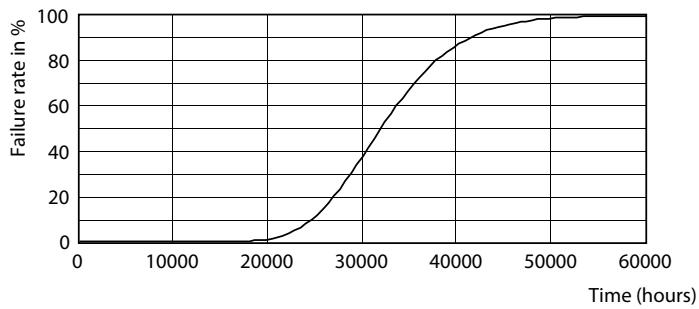
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Photometric data

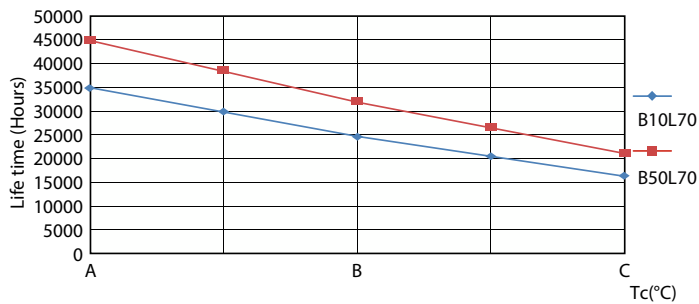


SDPO_MLEDGA_0051-Spectral Power distribution

Lifetime

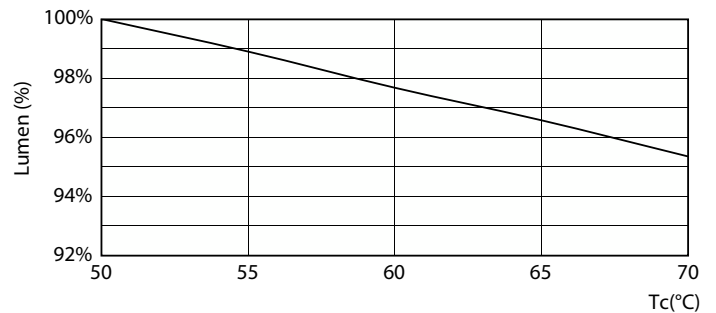


Life Expectancy Diagram



LEDtube 30K LifetimeVsTc

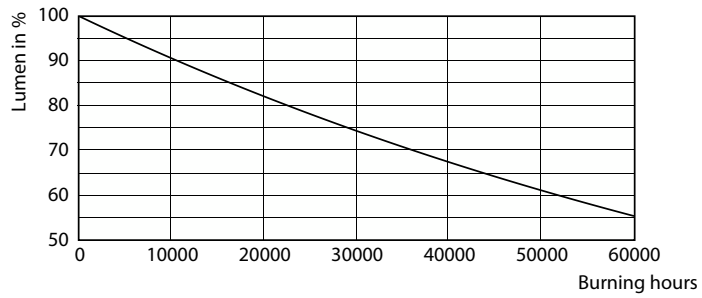
LEDtube 30K FailureRate



LEDtube COR AU 8,8W 30K LumenVsTc-LMP

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Lifetime



Lumen Maintenance Diagram

