



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 600mm 8W865

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

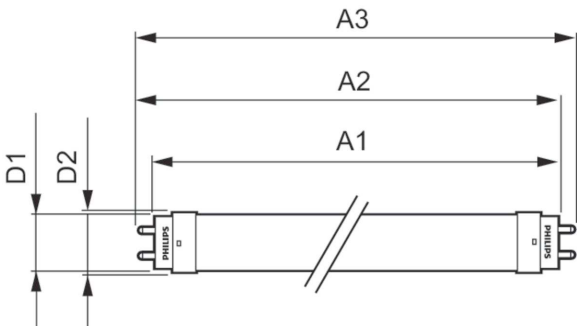
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Nom)	8 W
Nominal Lifetime (Nom)	30000 h	Starting Time (Nom)	0.5 s
Switching Cycle	200000X	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		Power Factor (Nom)	0.9
Color Code	865 [CCT of 6500K]	Voltage (Nom)	220-240 V
Beam Angle (Nom)	240 °	Temperature	
Luminous Flux (Nom)	800 lm	T-Ambient (Max)	45 °C
Color Designation	Cool Daylight	T-Ambient (Min)	-20 °C
Correlated Color Temperature (Nom)	6500 K	T-Storage (Max)	65 °C
Luminous Efficacy (rated) (Nom)	100.00 lm/W	T-Storage (Min)	-40 °C
Color Consistency	<6	T-Case Maximum (Nom)	40 °C
Color Rendering Index (Nom)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

Product Data	
Full product code	871869671105700
Order product name	CorePro LEDtube 600mm 8W865
EAN/UPC - Product	8718696711057
Order code	929001338702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001338702
Net Weight (Piece)	0.120 kg

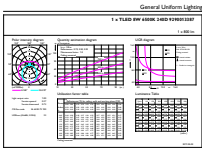
Dimensional drawing



TLED 2ft 8-18W 800lm 6500K G13 Ess-Corep

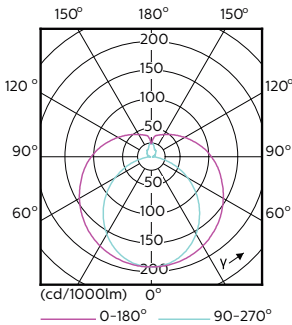
Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W865	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



General Uniform Lighting
1 x Tube 8W 865 800lm 6500K G13 Ess-Corep
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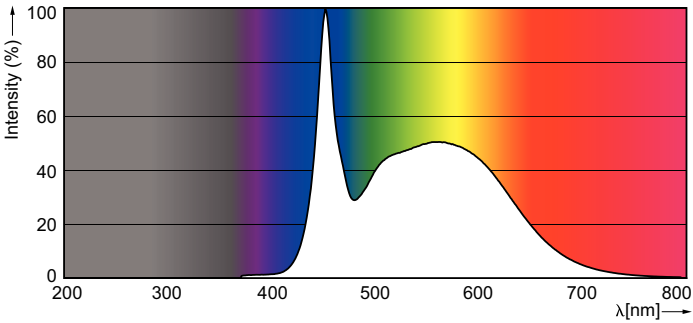
LEDtube 600mm 8W G13 865 800lm



LEDtube 1500mm 20W G13 840 2200lm

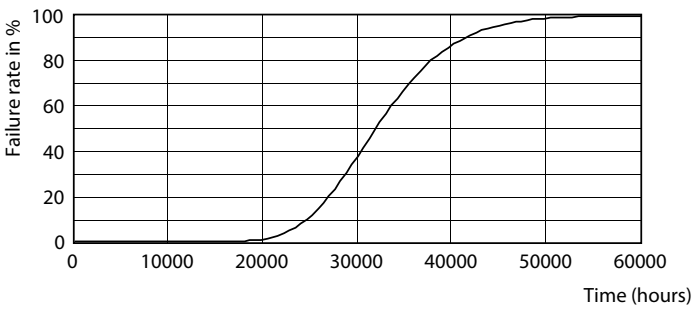
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Photometric data

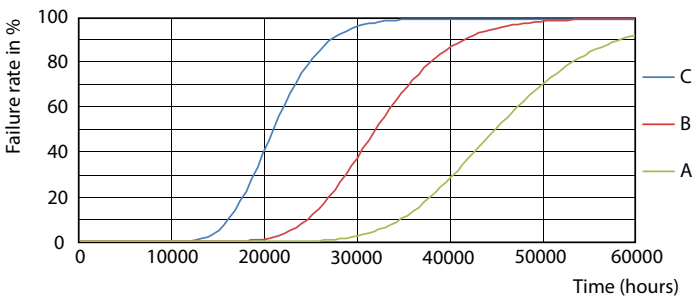


SDPO_MLEDGA_0051-Spectral Power distribution

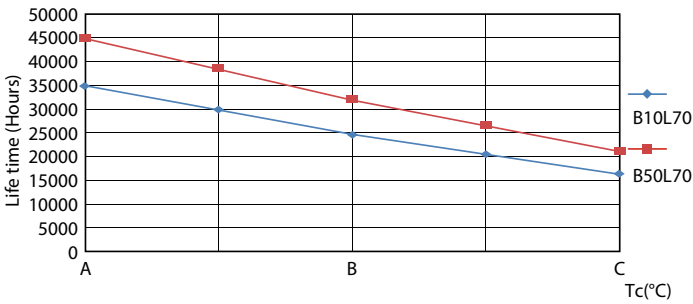
Lifetime



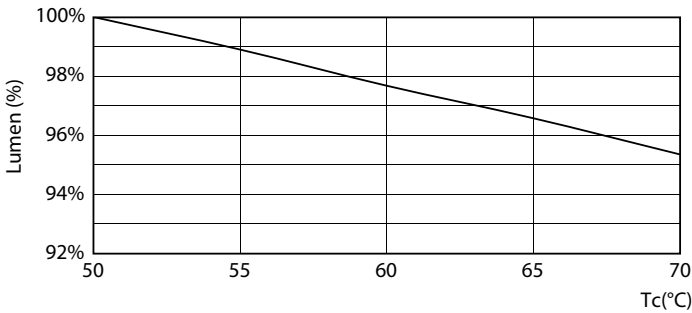
LEDtube 30K



LEDtube 30K FailureRate



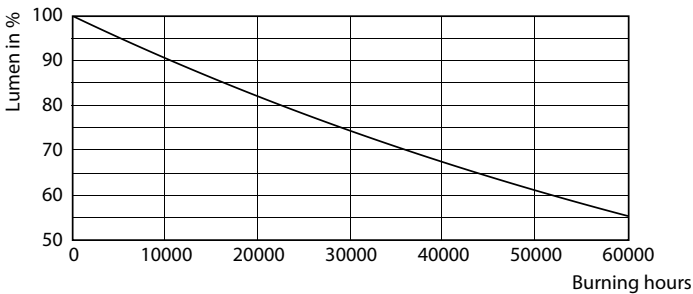
LEDtube 30K LifetimeVsTc



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

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Lifetime



LEDtube 30K

