



CorePro LEDtube EM/ Mains

CorePro LEDtube 600mm 8.8W865 AU

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

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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)	8.8 W
Nominal lifetime (nom.)	30000 h	Lamp current (nom.)	38 mA
Switching cycle	200,000X	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
Light Technical		Temperature	
Colour Code	865 [CCT of 6,500 K]	T-ambient (max.)	45 °C
Technical Beam Angle (Nom)	240 °	T-ambient (min.)	-20 °C
Lamp Luminous Flux 25°C EL (Nom)	800 lm	T storage (max.)	65 °C
Colour Designation	Cool Daylight	T storage (min.)	-40 °C
Colour Temperature, horizontal (Nom)	6500 K	T-Case maximum (nom.)	40 °C
Lamp Luminous Efficacy EM (Nom)	90.00 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	600 mm
Bulb shape	Tube, single-ended

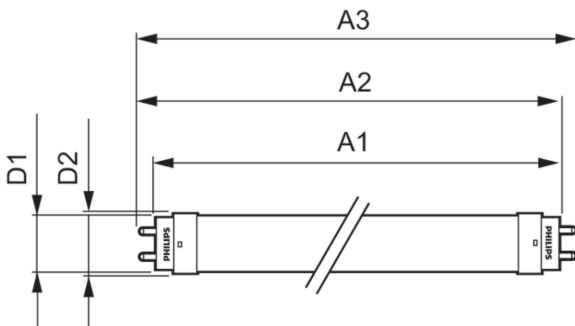
Approval and Application

Energy-saving product	Yes
Approval marks	RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	8 kWh

Product Data

Full product code	871869966291200
Order product name	CorePro LEDtube 600mm 8.8W865 AU
EAN/UPC – product	8718699662912
Order code	929001338719
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001338719
SAP net weight (piece)	0.120 kg

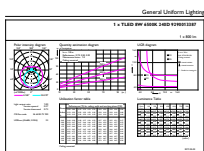
Dimensional drawing



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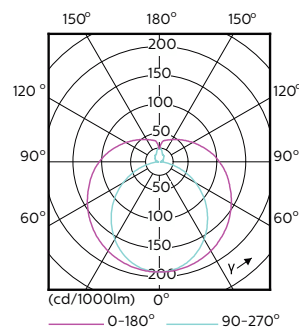
Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8.8W865 AU	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



Contract Reference: 41 Photo Lighting 8.1 Page 10

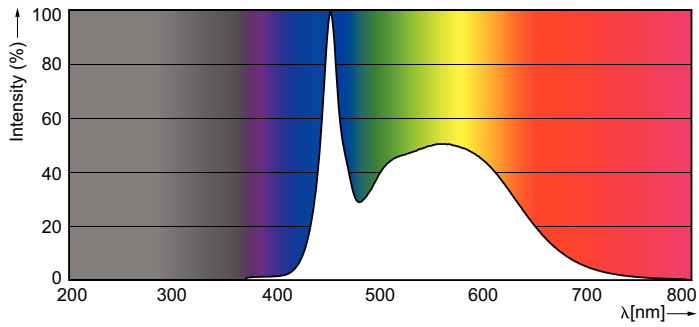
LEDtube 600mm 8W G13 865 800lm



LEDtube 1500mm 20W G13 840 2200lm

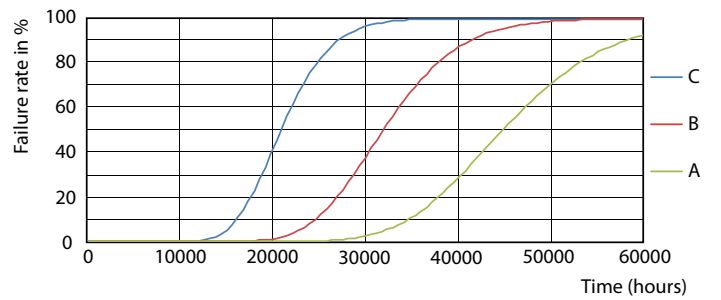
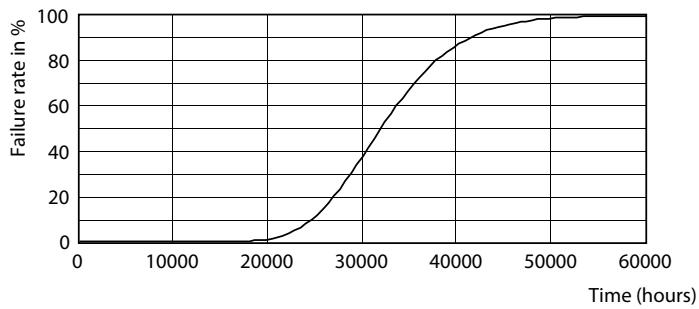
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Photometric data

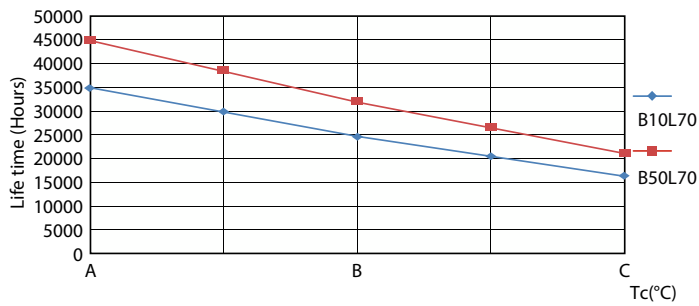


SDPO_MLEDGA_0051-Spectral Power distribution

Lifetime

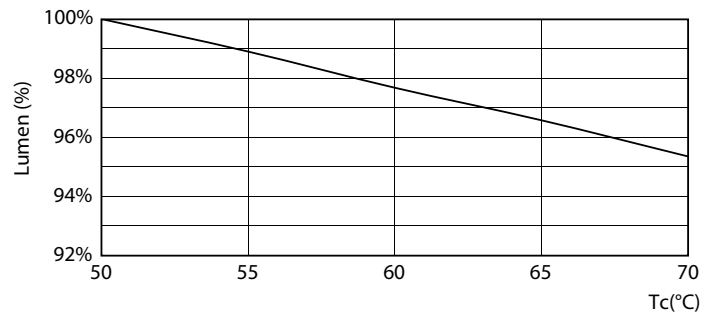


Life Expectancy Diagram



LEDtube 30K LifetimeVsTc

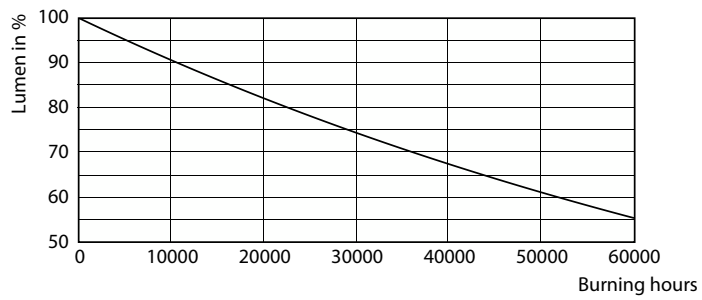
LEDtube 30K FailureRate



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

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Lifetime



Lumen Maintenance Diagram

