



# CorePro LEDtube EM/ Mains T8

## CorePro LEDtube 600mm 9W 865 T8 AP I

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

- 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		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [ Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal lifetime (nom.)	30000 h		
Switching cycle	200000		
Light technical		Operating and electrical	
Colour Code	865 [ CCT of 6,500 K]	Input frequency	50 to 60 Hz
Technical Beam Angle (Nom)	240 °	Power (Rated) (Nom)	9 W
Lamp Luminous Flux 25°C EL (Nom)	900 lm	Lamp current (max.)	48 mA
Colour Designation	Cool Daylight	Lamp current (min.)	48 mA
Colour Temperature, horizontal (Nom)	6500 K	Starting time (nom.)	0.5 s
Lamp Luminous Efficacy EM (Nom)	100.00 lm/W	Warm-up time to 60% light (nom.)	0.5 s
Colour consistency	<6	Power factor (nom.)	0.9
Colour Rendering Index,horiz (Nom)	80	Voltage (Nom)	220–240 V
		Temperature	
		T-ambient (max.)	45 °C
		T-ambient (min.)	-20 °C

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T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	45 °C

## 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, double-ended

## Approval and application

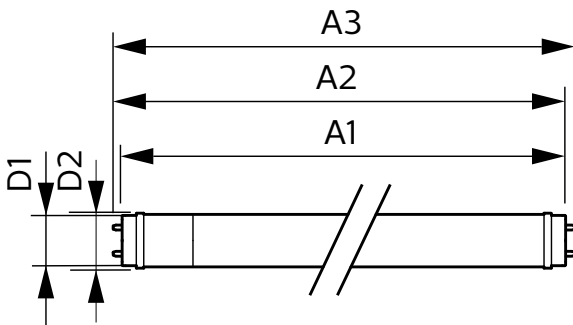
Energy-saving product	Yes
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Approval marks	RoHS compliance CE marking KEMA Keur certificate
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## Product data

Full product code	871951444701100
Order product name	CorePro LEDtube 600mm 9W 865 T8 AP I
EAN/UPC – product	8719514447011
Order code	929003520208
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	929003520208
Net Weight (Piece)	0.110 kg

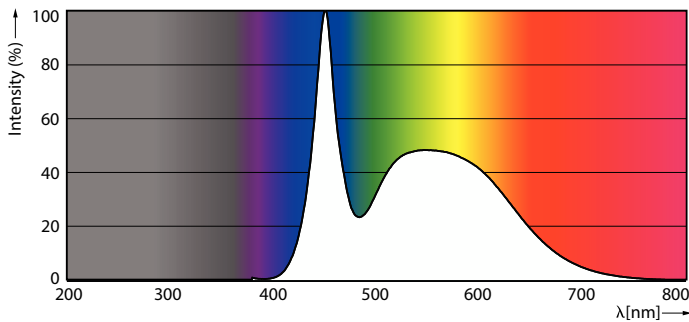
## Dimensional drawing



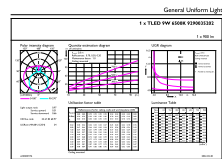
CorePro LEDtube 600mm 9W 865 T8 AP I

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 9W 865 T8 AP I	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data



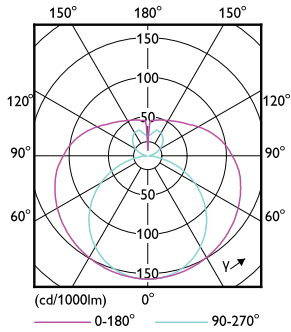
Spectral Power Distribution Colour



General uniform lighting

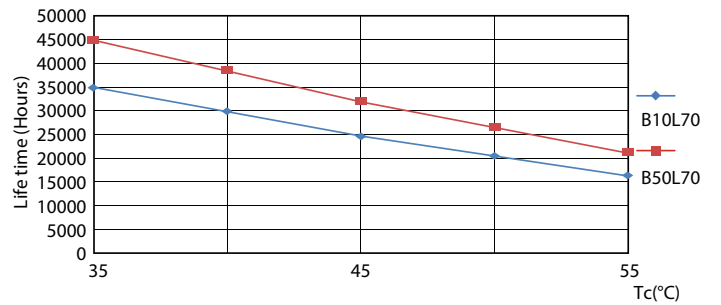
# CorePro LEDtube EM/Mains T8

## Photometric data



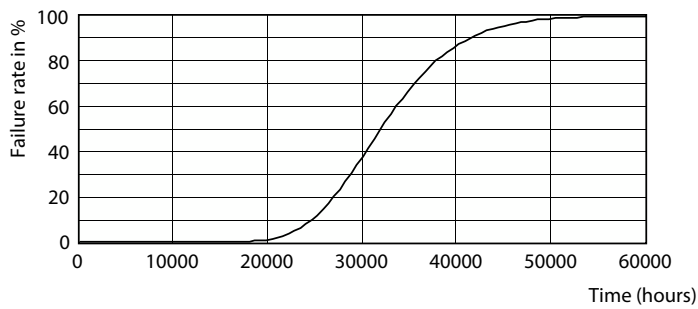
Light Distribution Diagram

## Lifetime

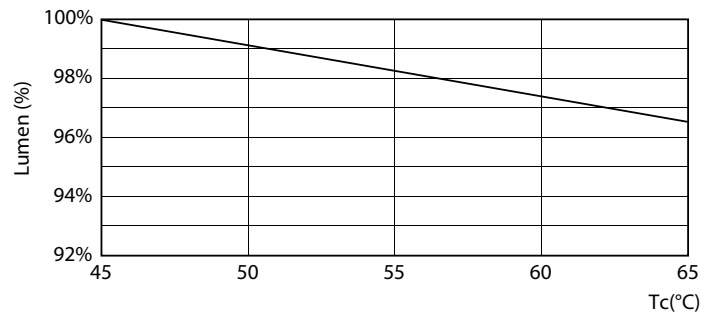


LifetimeVsTc

FailureRate



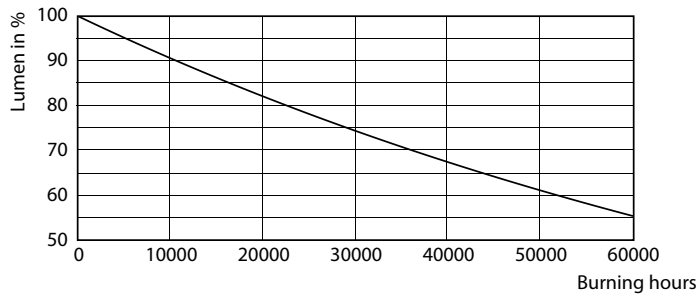
Life Expectancy Diagram



Lumen Maintenance Diagram

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## Lifetime



Lumen Maintenance Diagram

