



# CorePro LEDtube EM/ Mains



## CorePro LEDtube 600mm 8W 840 T8

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	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	200,000X
	Sphere
Tier	CorePro
Light technical	
Colour Code	840 [ CCT of 4,000 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	800 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

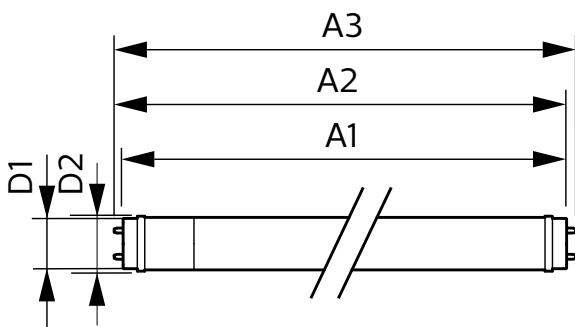
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W
Lamp current (nom.)	46 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-storage (range)	-40°C to 65°C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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T-Case maximum (nom.)	50 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Lamp Finish	Frosted
Bulb material	Glass
Product length	600 mm
Bulb shape	Tube, double-ended
<b>Approval and application</b>	
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh
	1183841
<b>Product data</b>	
Full product code	871951445977900
Order product name	CorePro LEDtube 600mm 8W 840 T8
EAN/UPC – product	8719514459779
Order code	45977900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	929003547202
Net Weight (Piece)	0.220 kg

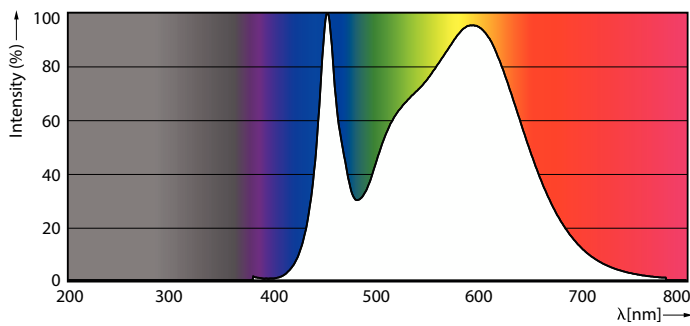
## Dimensional drawing



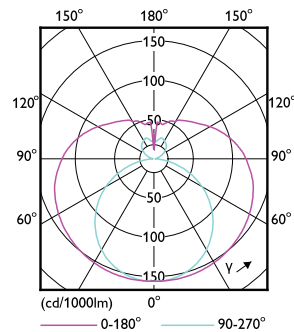
CorePro LEDtube 600mm 8W 840 T8

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W 840 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data



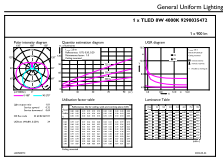
Spectral Power Distribution Colour



Light Distribution Diagram

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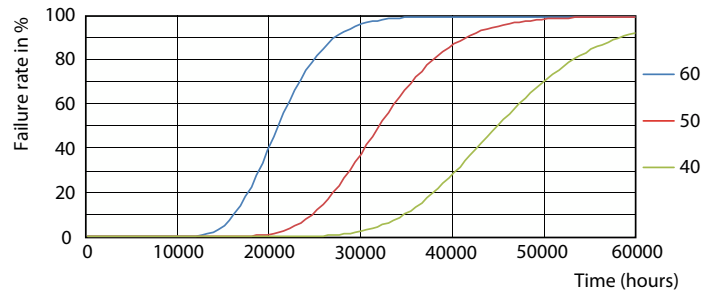
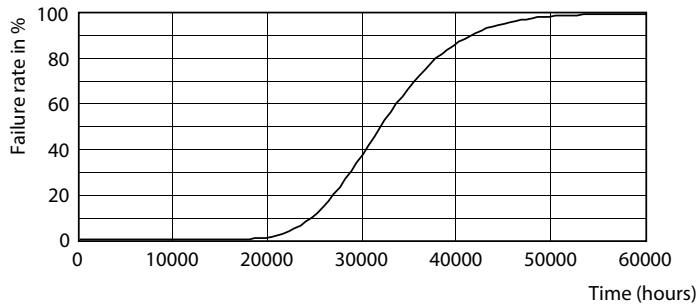
## Photometric data



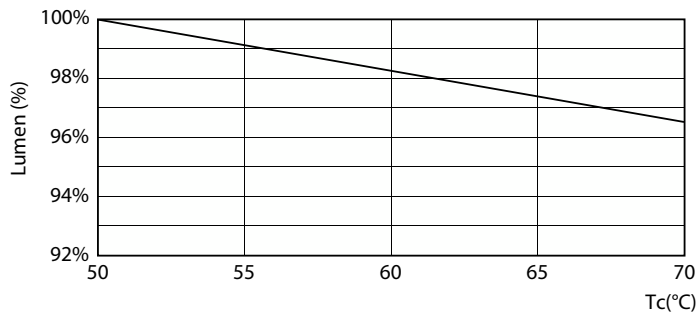
General uniform lighting

### General uniform lighting

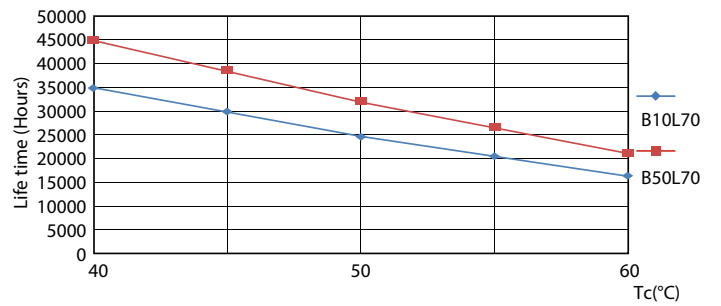
## Lifetime



### Life Expectancy Diagram



### FailureRate

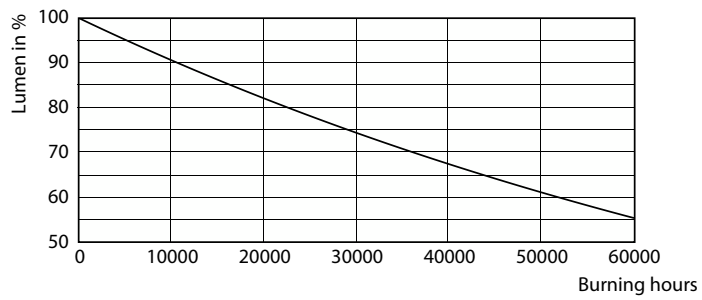


### LumenVsTc

### LifetimeVsTc

# CorePro LEDtube EM/Mains

## Lifetime



Lumen Maintenance Diagram

