



# CorePro LEDtube EM/ Mains



## CorePro LEDtube 1500mm 20W 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		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	<b>Operating and electrical</b>	
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Nominal lifetime (nom.)	30000 h	Power (Rated) (Nom)	20 W
Switching cycle	200,000X	Lamp current (nom.)	105 mA
Technical type	LEDTECH-LOV	Starting time (nom.)	0.5 s
	Sphere	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	220-240 V
		<b>Temperature</b>	
<b>Light technical</b>		T-ambient (max.)	45 °C
Colour Code	840 [ CCT of 4,000 K]	T-ambient (min.)	-20 °C
Beam Angle (Nom)	240 °	T storage (max.)	65 °C
Luminous flux (nom.)	2200 lm	T storage (min.)	-40 °C
Colour designation	Cool White (CW)	T-Case maximum (nom.)	60 °C
Correlated Colour Temperature (Nom)	4000 K		
Luminous efficacy (rated) (nom.)	110 lm/W		
Colour consistency	<6		
Colour rendering index (nom.)	80		

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## Controls and dimming

Dimmable	No
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## Mechanical and housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1500 mm
Bulb shape	Tube, double-ended

## Approval and application

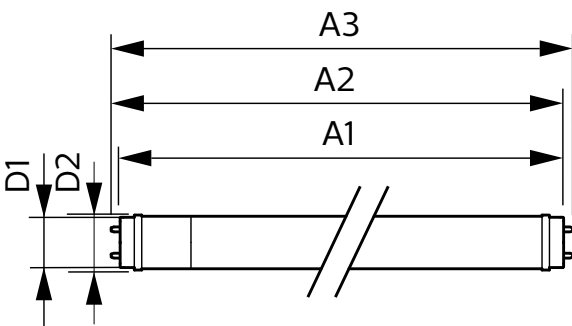
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	20 kWh
	467305

## Product data

Full product code	871951432539500
Order product name	CorePro LEDtube 1500mm 20W 840 T8
EAN/UPC – product	8719514325395
Order code	32539500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003022502
Copy Net Weight (Piece)	0.270 kg

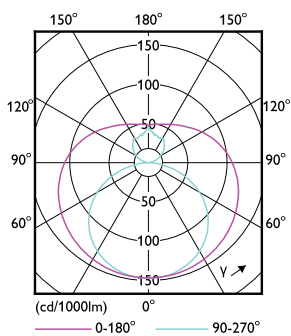
## Dimensional drawing



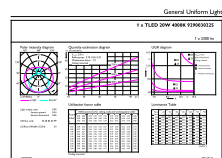
CorePro LEDtube 1500mm 20W 840 T8

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

## Photometric data



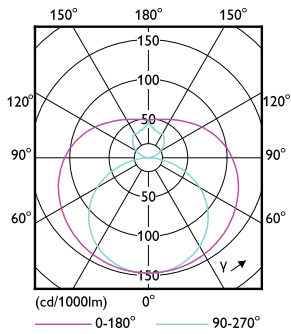
Light Distribution Diagram



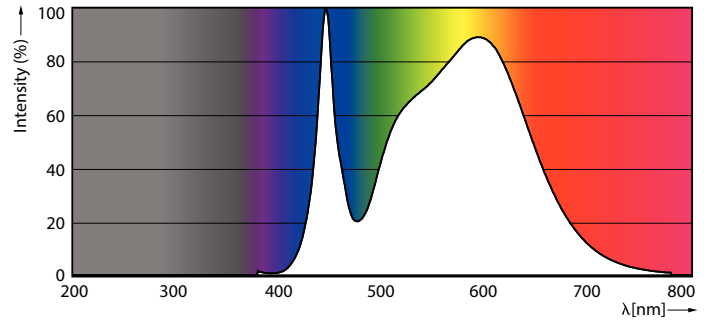
General uniform lighting

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## Photometric data

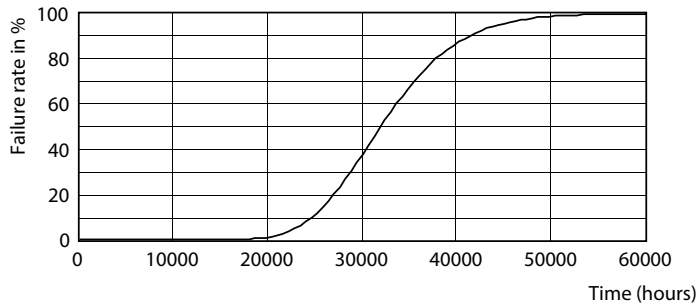


Light Distribution Diagram

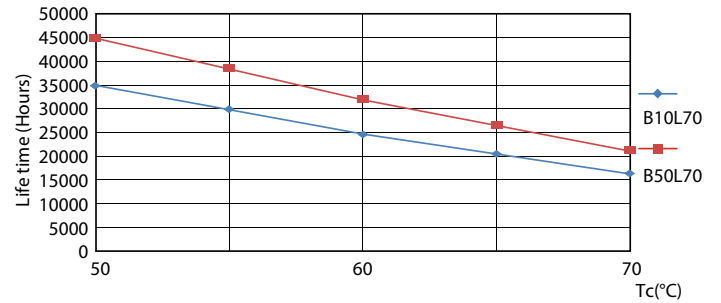


Spectral Power Distribution Colour

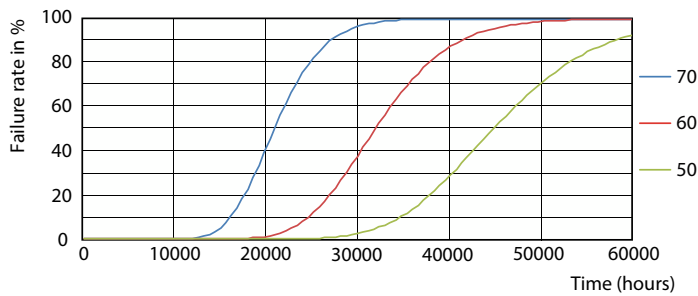
## Lifetime



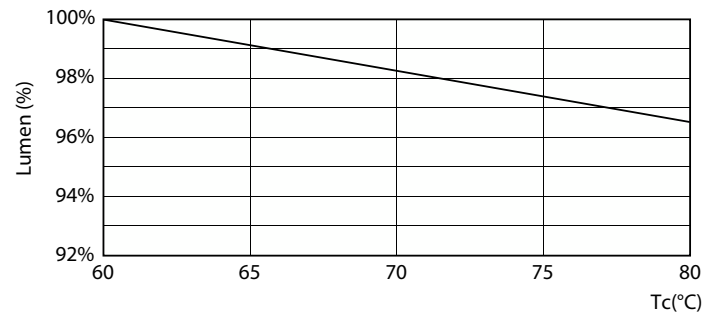
Life Expectancy Diagram



LifetimeVsTc



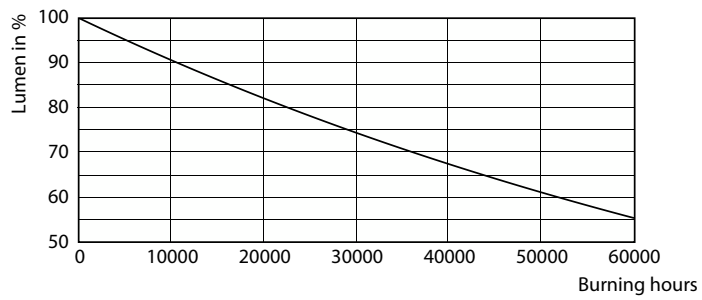
FailureRate



LumenVsTc

# CorePro LEDtube EM/Mains

## Lifetime



Lumen Maintenance Diagram

