



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		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Operating and electrical	
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Nominal lifetime (nom.)	30000 h	Power (Rated) (Nom)	8 W
Switching cycle	200,000X	Lamp current (nom.)	46 mA
Technical type	LEDTECH-LOV	Starting time (nom.)	0.5 s
	Sphere	Warm-up time to 60% light (nom.)	0.5 s
Tier	CorePro	Power factor (nom.)	0.9
		Voltage (Nom)	220-240 V
Light technical		Temperature	
Colour Code	840 [CCT of 4,000 K]	T-ambient (max.)	45 °C
Beam Angle (Nom)	240 °	T-ambient (min.)	-20 °C
Luminous flux (nom.)	800 lm	T storage (max.)	65 °C
Colour designation	Cool White (CW)	T storage (min.)	-40 °C
Correlated Colour Temperature (Nom)	4000 K	T-Case maximum (nom.)	50 °C
Luminous efficacy (rated) (nom.)	100 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	600 mm
Bulb shape	Tube, double-ended

Approval and application

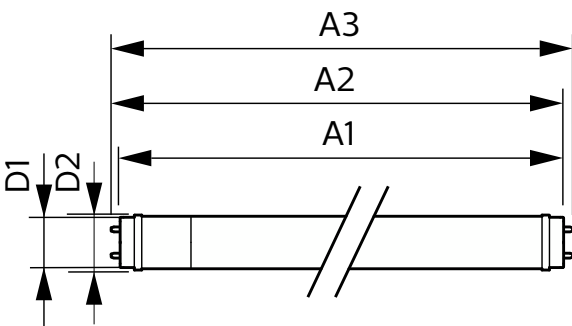
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh
	1183860

Product data

Full product code	871951432531900
Order product name	CorePro LEDtube 600mm 8W 840 T8
EAN/UPC – product	8719514325319
Order code	32531900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003022102
Net Weight (Piece)	0.120 kg

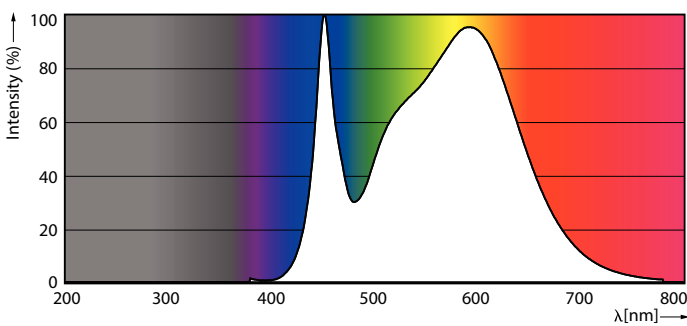
Dimensional drawing



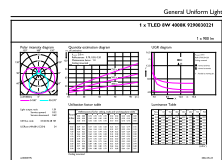
CorePro LEDtube 600mm 8W 840 T8

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



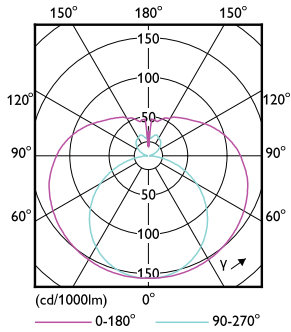
Spectral Power Distribution Colour



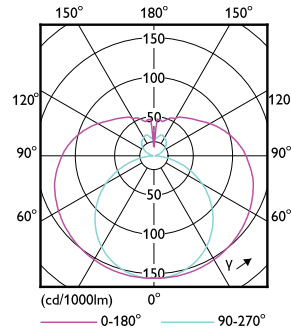
General uniform lighting

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Photometric data

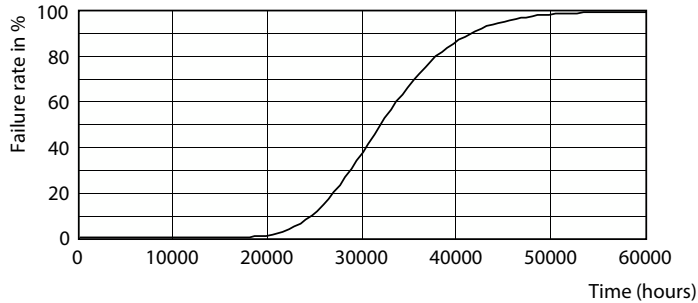


Light Distribution Diagram

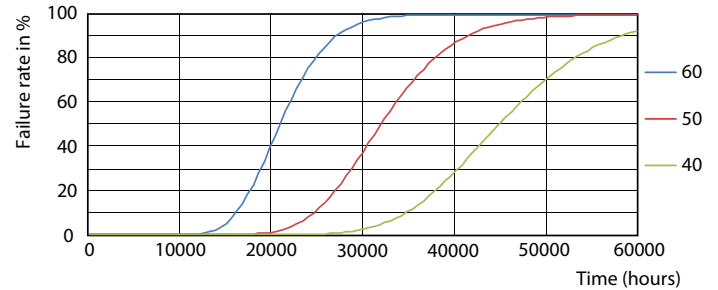


Light Distribution Diagram

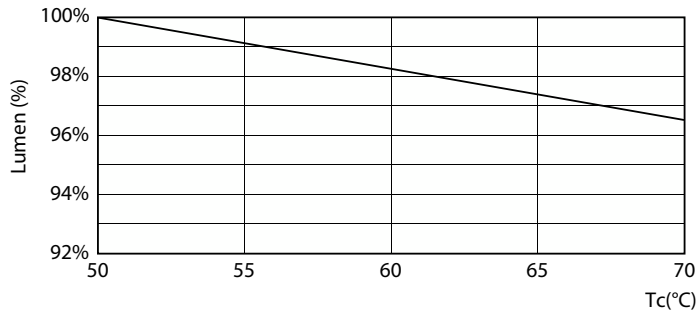
Lifetime



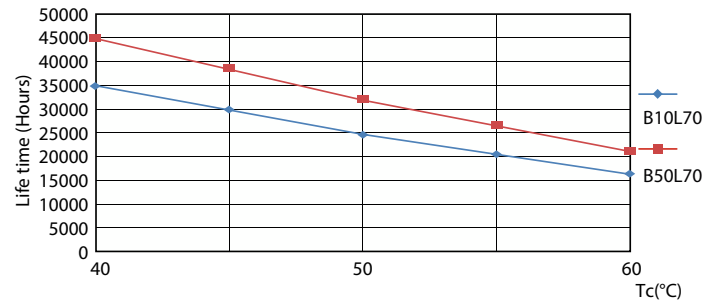
Life Expectancy Diagram



FailureRate



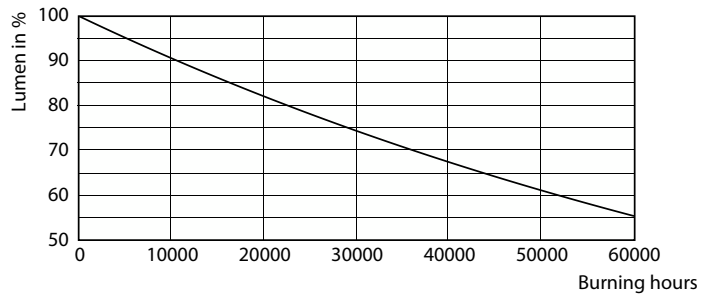
LumenVsTc



LifetimeVsTc

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram

