



CorePro LEDtube EM/ Mains

CorePro LEDtube 1200mm 16W 840 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

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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)	16 W
Nominal lifetime (nom.)	30000 h	Lamp current (max.)	88 mA
Switching cycle	200000	Lamp current (min.)	88 mA
Light technical		Starting time (nom.)	0.5 s
Colour Code	841 [CCT of 4100K (841)]	Warm-up time to 60% light (nom.)	0.5 s
Beam Angle (Nom)	240 °	Power factor (nom.)	0.9
Luminous flux (nom.)	1800 lm	Voltage (Nom)	220-240 V
Colour designation	Cool White (CW)	Temperature	
Correlated Colour Temperature (Nom)	4000 K	T-ambient (max.)	45 °C
Luminous efficacy (rated) (nom.)	112.00 lm/W	T-ambient (min.)	-20 °C
Colour consistency	<6	T-ambient (min.)	-20 °C
Colour rendering index (nom.)	80	T storage (max.)	65 °C
LLMF at end of nominal lifetime (nom.)	70 %	T storage (min.)	-40 °C
		T-Case maximum (nom.)	50 °C

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Controls and dimming

Dimmable	No
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Mechanical and housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended

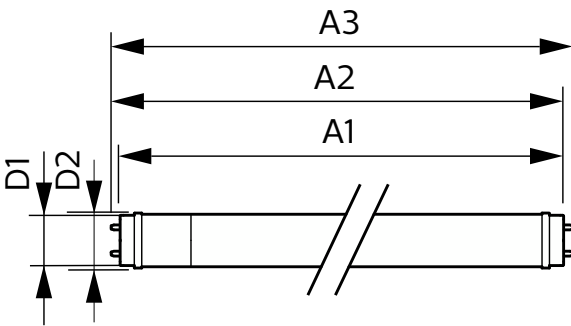
Approval and application

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

Product data

Full product code	871951444703500
Order product name	CorePro LEDtube 1200mm 16W 840 T8 AP I
EAN/UPC – product	8719514447035
Order code	44703500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	929003520308
Net Weight (Piece)	0.200 kg

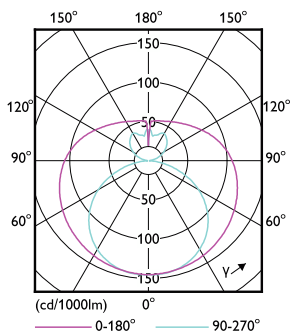
Dimensional drawing



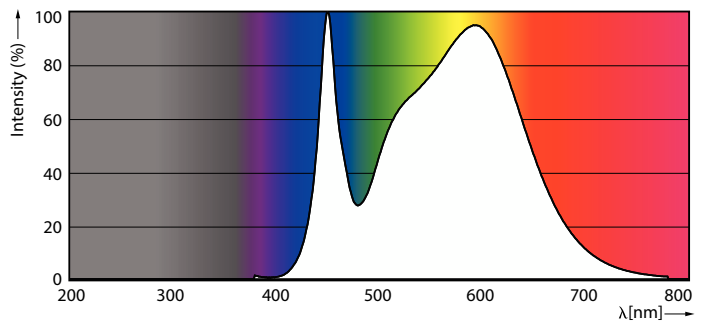
CorePro LEDtube 1200mm 16W 840 T8 AP I

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W 840 T8 AP I	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



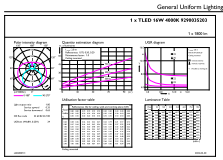
Light Distribution Diagram



Spectral Power Distribution Colour

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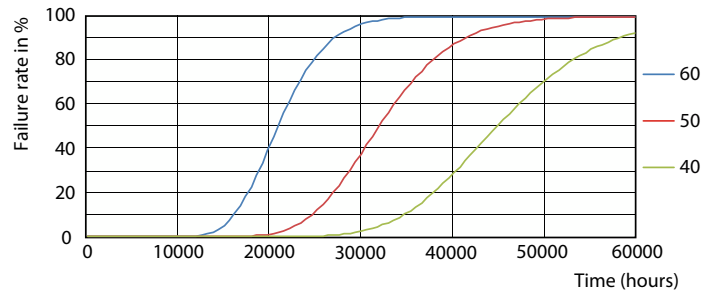
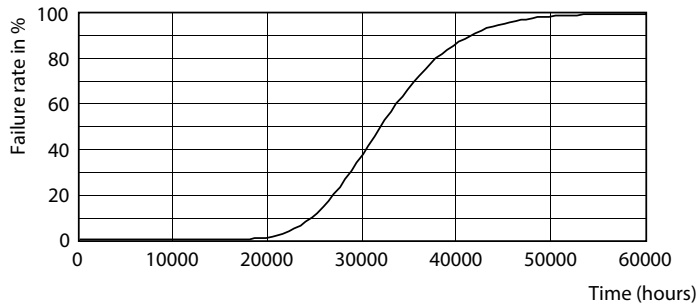
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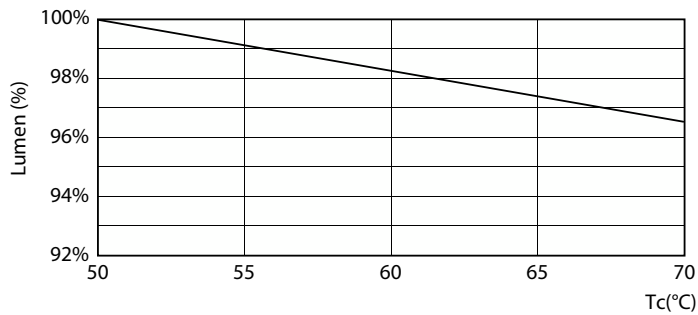
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General uniform lighting

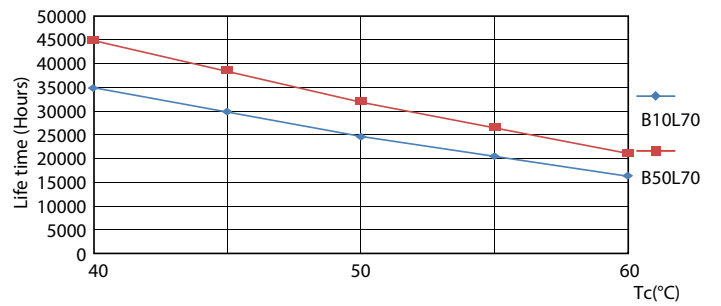
Lifetime



Life Expectancy Diagram



FailureRate

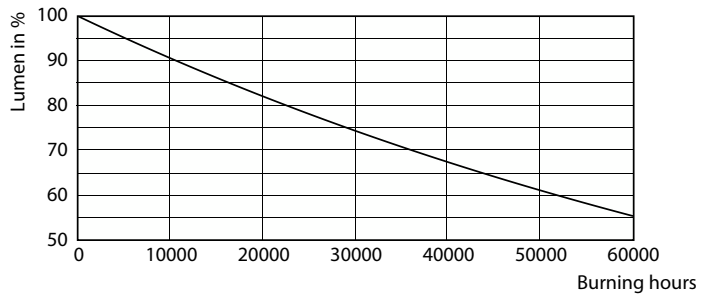


Lumen Maintenance Diagram

LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram

