



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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	200,000X

Light Technical	
Colour Code	840 [CCT of 4,000 K]
Technical Beam Angle (Nom)	240 °
Lamp Luminous Flux 25°C EL (Nom)	1800 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	112.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	16 W
Lamp current (max.)	88 mA
Lamp current (min.)	88 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 (max.)	65 °C
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

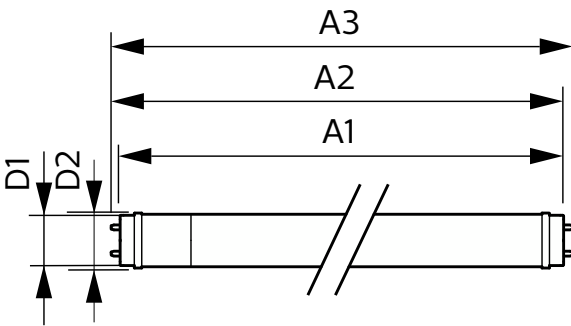
Approval and Application

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	929003520308
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	929003520308
SAP net weight (piece)	0.200 kg

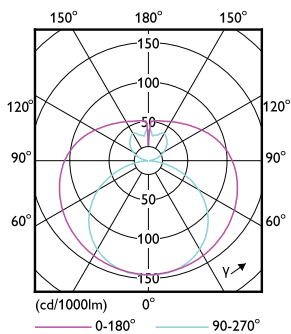
Dimensional drawing



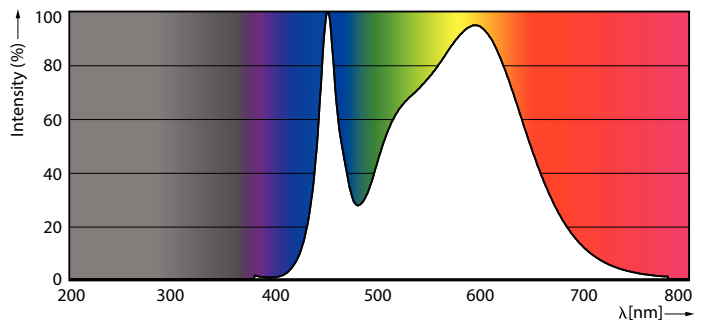
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Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W 840 T8 AP I	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



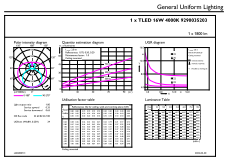
Light Distribution Diagram



Spectral Power Distribution Colour

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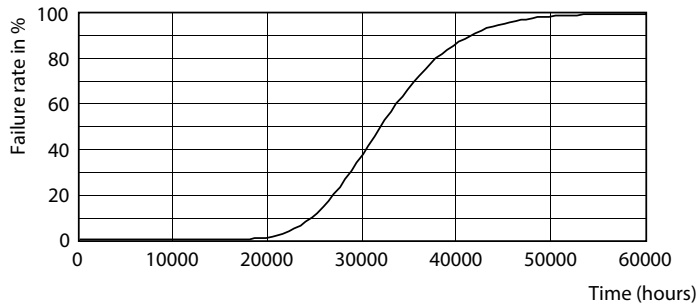
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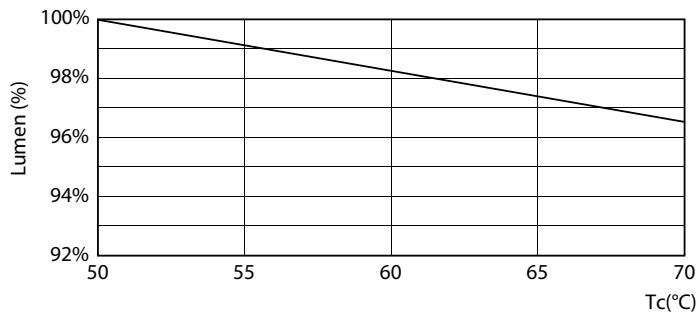
General uniform lighting

General uniform lighting

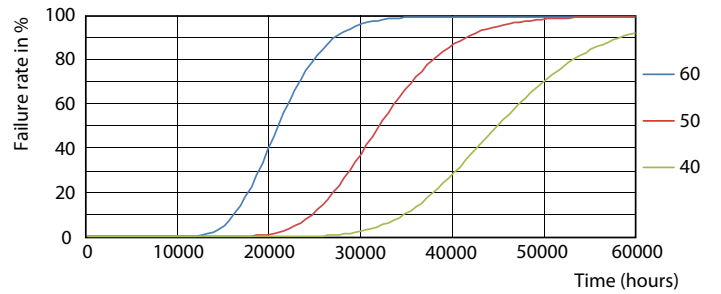
Lifetime



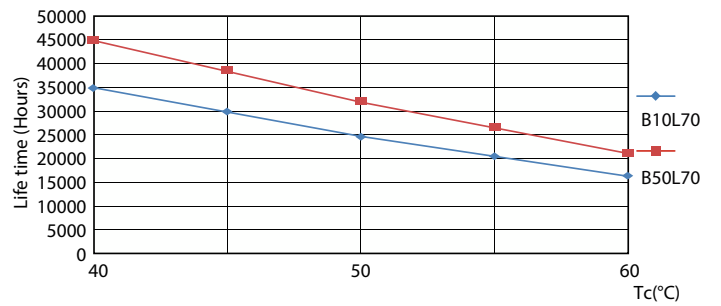
Life Expectancy Diagram



Lumen Maintenance Diagram



FailureRate



LEDtube_30K_4060_LifetimeVsTc-LED

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Lifetime



Lumen Maintenance Diagram

