



# CorePro LEDtube EM/ Mains T8

## 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

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

### Product data

General Information		Color rendering index (CRI)		80	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime (Nom) 70 %			
Nominal lifetime	30,000 hour(s)				
Switching Cycle	200,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical		Operating and Electrical			
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz		
Beam Angle (Nom)	240 degree(s)	Input Frequency	50 to 60 Hz		
Luminous Flux	1,800 lm	Power Consumption	16 W		
Color Designation	Cool White (CW)	Lamp Current (Max)	88 mA		
Correlated Color Temperature (Nom)	4000 K	Lamp Current (Min)	88 mA		
Luminous Efficacy (rated) (Nom)	112.00 lm/W	Starting Time (Nom)	0.5 s		
Color Consistency	<6	Warm-up time to 60% light	0.5 s		
		Power Factor (Fraction)	0.9		
		Voltage (Nom)	220-240 V		

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## Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8

## Approval and Application

Energy Saving Product	Yes
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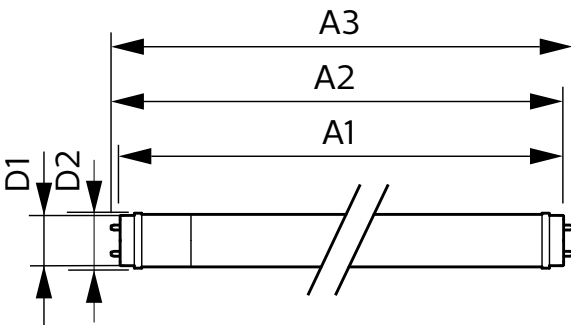
## Approval Marks

RoHS compliance CE marking KEMA Keur certificate

## Product Data

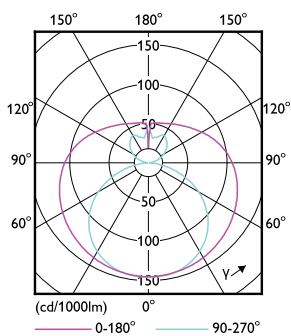
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Full product name	CorePro LEDtube 1200mm 16W 840 T8 AP I
Full product code	871951444703500
Order code	929003520308
Material Nr. (12NC)	929003520308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514447035
Numerator - Packs per outer box	20
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## Dimensional drawing

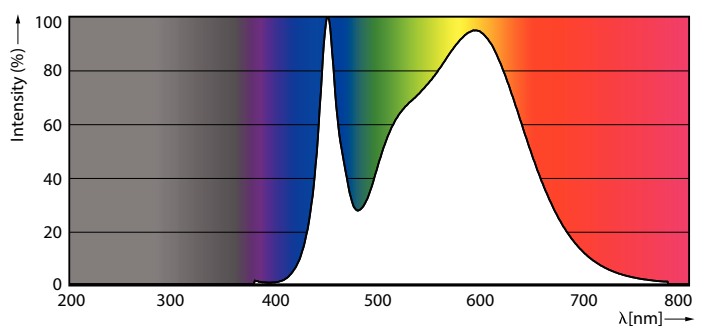


Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W 840 T8 AP I	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data



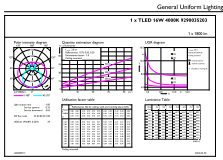
Light Distribution Diagram - CorePro LEDtube 1200mm 16W 840 T8 AP I



Spectral Power Distribution Colour - CorePro LEDtube 1200mm 16W 840 T8 AP I

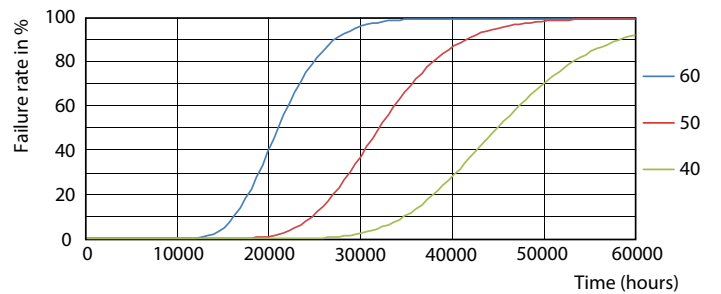
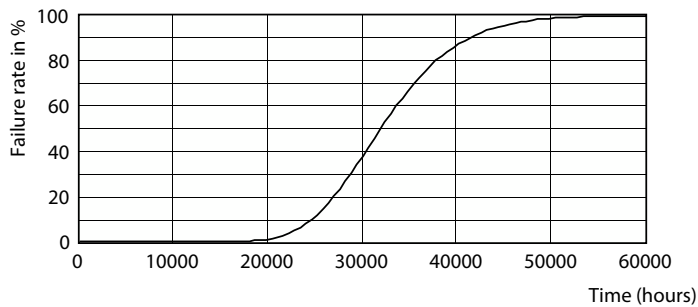
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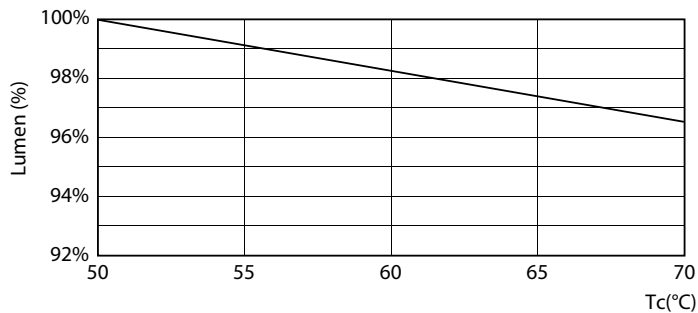


General uniform lighting - CorePro LEDtube 1200mm 16W 840 T8 AP I

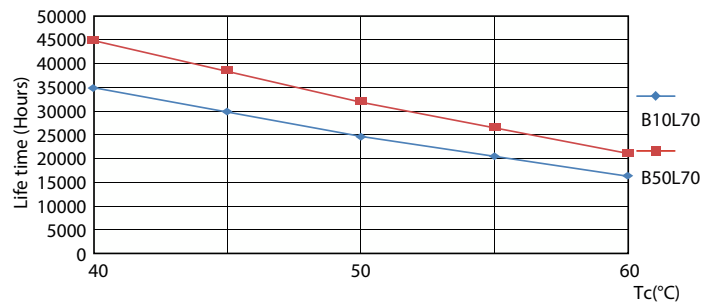
## Lifetime



Life Expectancy Diagram - CorePro LEDtube 1200mm 16W 840 T8 AP I



Life Expectancy Diagram - CorePro LEDtube 1200mm 16W 840 T8 AP I

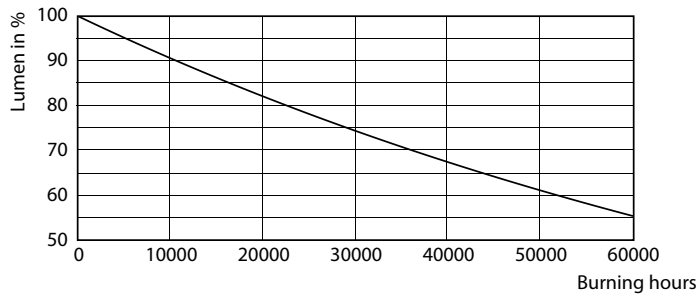


Lumen Maintenance Diagram - CorePro LEDtube 1200mm 16W 840 T8 AP I

Life Expectancy Diagram - CorePro LEDtube 1200mm 16W 840 T8 AP I

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## Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 16W 840 T8 AP I

