



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 1200mm 15.5W 865 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
Nominal lifetime	50,000 hour(s)	Power Consumption	15.5 W
Switching Cycle	200,000	Lamp Current (Nom)	84 mA
Lighting Technology	LED	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	T-Case Maximum (Nom)	60 °C
Beam Angle (Nom)	240 degree(s)		
Luminous Flux	1,800 lm	Controls and Dimming	
Color Designation	Cool Daylight	Dimmable	No
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	116 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	80	Bulb Material	Glass
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Photobiological safety according to EN 62471	RG0		

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Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.220 kg

Approval and Application

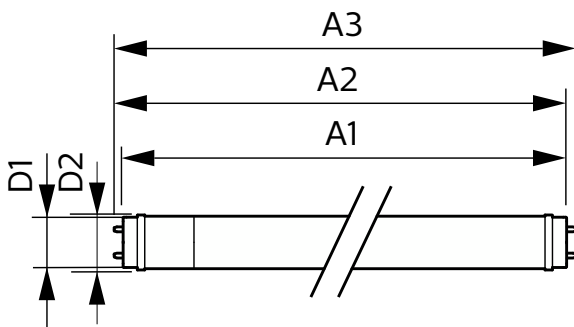
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Product Data

Order product name	CorePro LEDtube 1200mm 15.5W 865 T8 AP I
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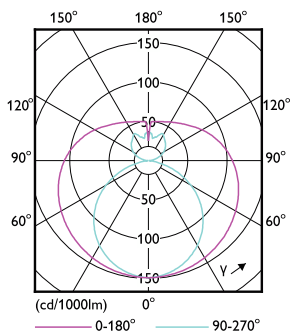
Full product name	CorePro LEDtube 1200mm 15.5W 865 T8 AP I
Full product code	872016927712000
Order code	929003519808
Material Nr. (12NC)	929003519808
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169277120
Numerator - Packs per outer box	20
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Dimensional drawing

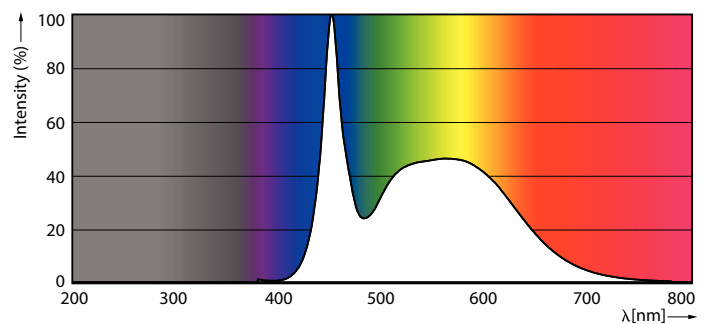


Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 15.5W 865 T8 AP I	28 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



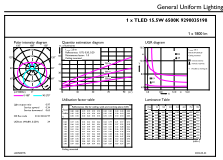
Light Distribution Diagram - CorePro LEDtube 1200mm 15.5W 865 T8 AP I



Spectral Power Distribution Colour - CorePro LEDtube 1200mm 15.5W 865 T8 AP I

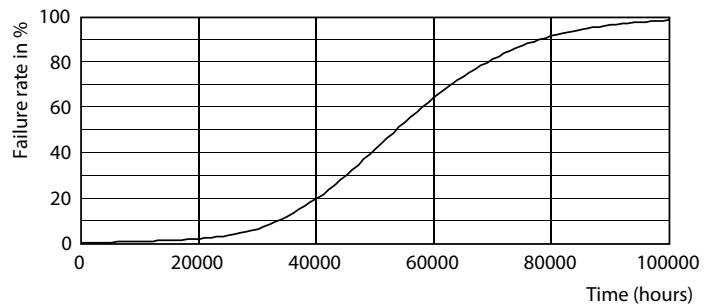
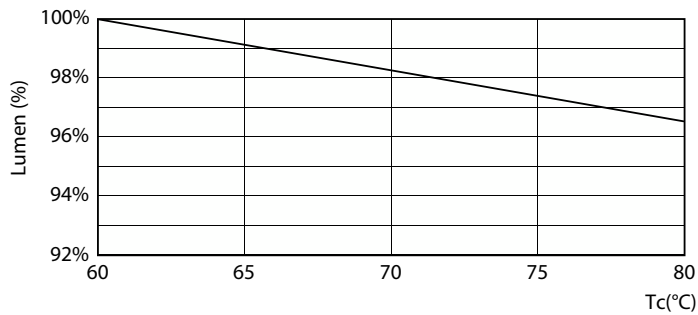
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Photometric data



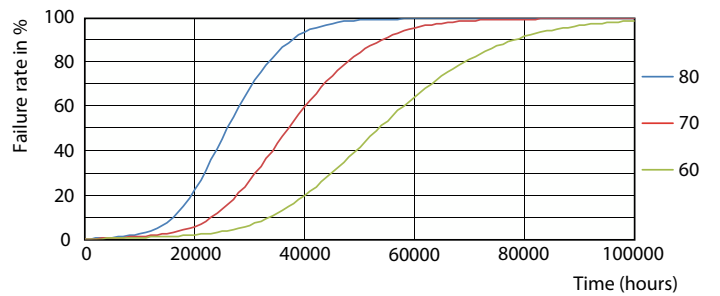
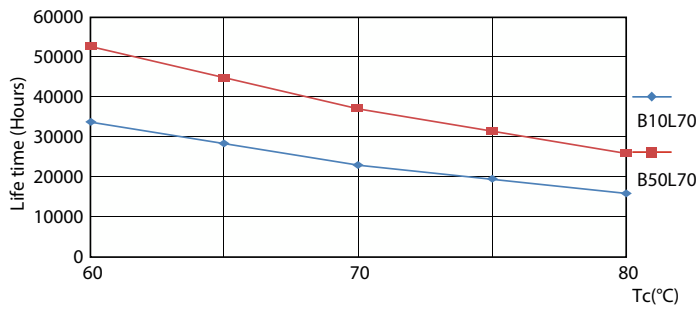
General uniform lighting - CorePro LEDtube 1200mm 15.5W 865 T8 AP I

Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 15.5W 865 T8 AP I

Life Expectancy Diagram

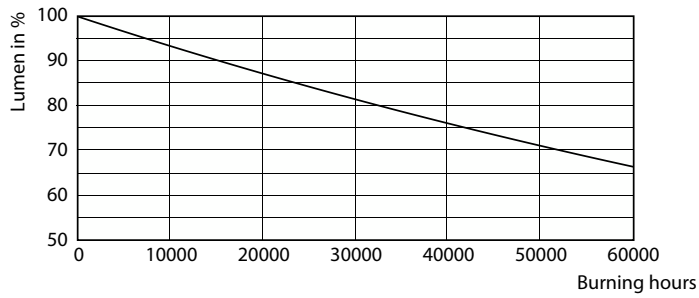


LifetimeVsTc

FailureRate

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Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 15.5W 865 T8 AP I

