



CorePro LED tube EM/ Mains T8

CorePro LEDtube 600mm 8W 840 T8 AP I

CorePro, LEDtube, T8, EM/Mains, 600 mm, 220-240 V, 8 W, 18W TL-D, 4000 K, 800 lm, 50000 hour(s)

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

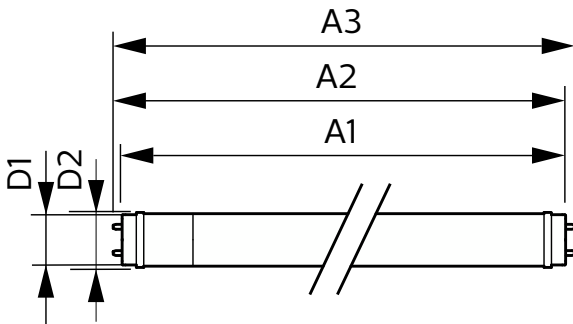
General Information		Color rendering index (CRI)	
Cap-Base	G13		80
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	200,000	Photobiological safety according to EN 62471 RGO	
Lighting Technology	LEDtube	Operating and Electrical	
Light Technical		Input Frequency	50 to 60 Hz
Color Code	840 [CCT of 4000K]	Power Consumption	8 W
Beam Angle (Nom)	240 degree(s)	Lamp Current (Nom)	46 mA
Luminous Flux	800 lm	Starting Time (Nom)	0.5 s
Color Designation	Cool White (CW)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	100 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6	LED alternative to fluorescent lamp power	18W TL-D

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Ballast Compatibility	EM/Mains
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T8
Net Weight (Piece)	0.120 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes

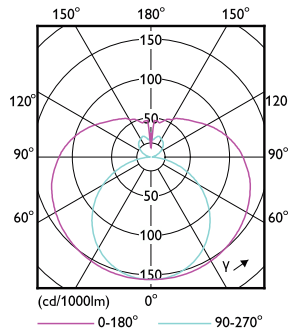
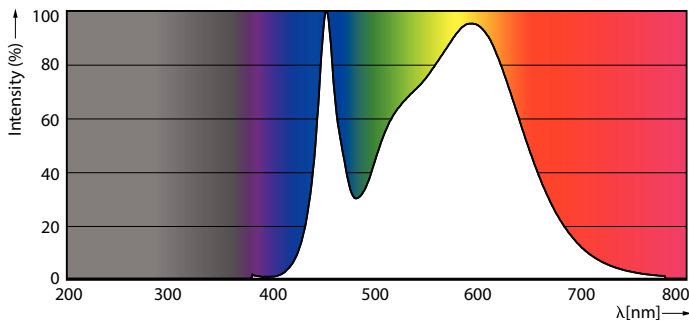
Ambient temperature range	-20 to +45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	CorePro LEDtube 600mm 8W 840 T8 AP I
Full product name	CorePro LEDtube 600mm 8W 840 T8 AP I
Full product code	872016927700700
Order code	27700700
Material Nr. (12NC)	929003547208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169277007
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169277014

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W 840 T8 AP I	28 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

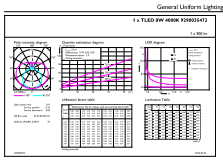


Spectral Power Distribution Colour - CorePro LEDtube 600mm 8W 840 T8 AP I

Light Distribution Diagram - CorePro LEDtube 600mm 8W 840 T8 AP I

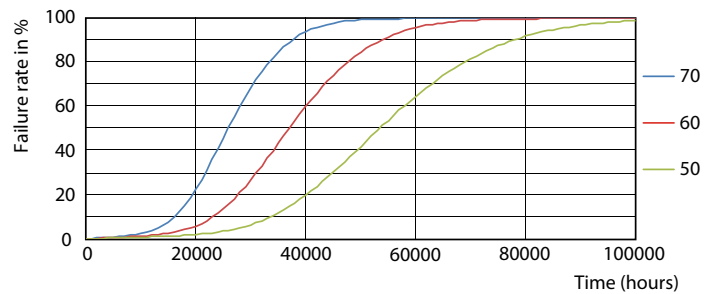
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Photometric data

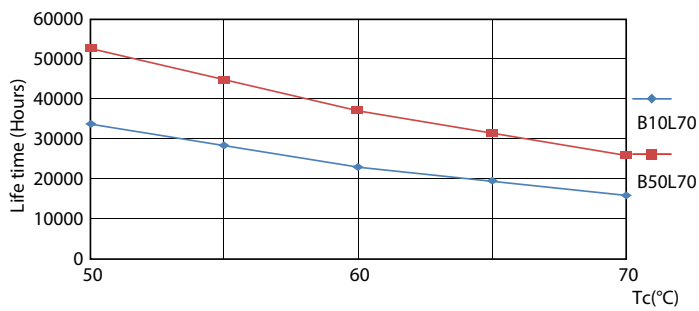


General uniform lighting - CorePro LEDtube 600mm 8W 840 T8 AP I

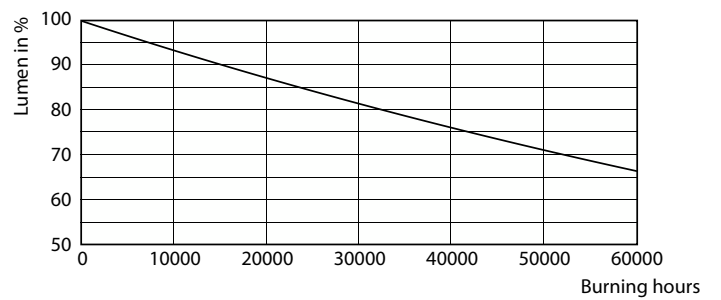
Lifetime



Life Expectancy Diagram



FailureRate

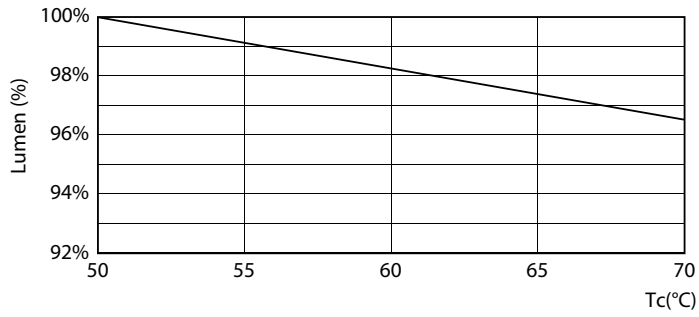


LifetimeVsTc

Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W 840 T8 AP I

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Lifetime



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