



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 1500mm 20W 840

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

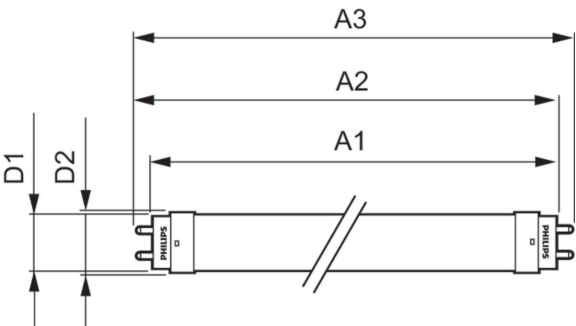
General Information		Stroboscopic effect value (SVM)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	2	
Nominal lifetime	30,000 hour(s)	Photobiological safety according to EN 62471 RGO	
Switching Cycle	200,000		
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz
		Input Frequency	50 to 60 Hz
		Power Consumption	20 W
		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
		LED alternative to fluorescent lamp power	58 W
		Temperature	
		Ambient temperature range	-20 °C to 45 °C
		T-Case Maximum (Nom)	45 °C
Light Technical			
Color Code	840 [CCT of 4000K]		
Beam Angle (Nom)	240 degree(s)		
Luminous Flux	2,200 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	110.00 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Flickering value (PstLM)	2		

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh

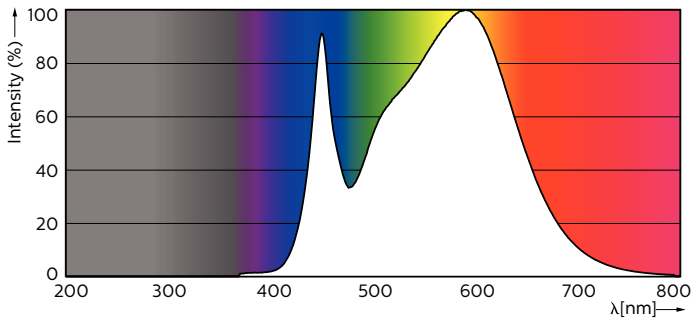
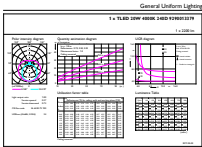
Product Data	
Order product name	CorePro LEDtube 1500mm 20W 840
Full product name	CorePro LEDtube 1500mm 20W 840
Full product code	871869671091300
Order code	71091300
Material Nr. (12NC)	929001337902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696710913
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696710920

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 840	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Photometric data

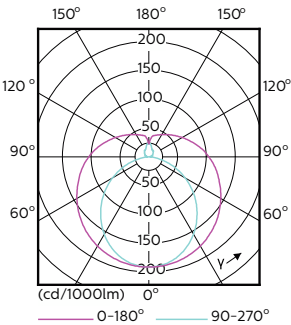


General uniform lighting - CorePro LEDtube 1500mm 20W 840

Spectral Power Distribution Colour - CorePro LEDtube 1500mm 20W 840

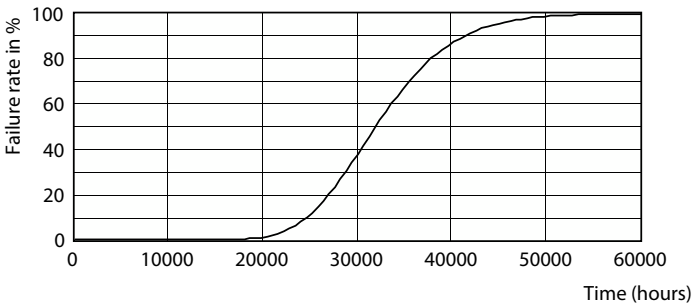
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Photometric data

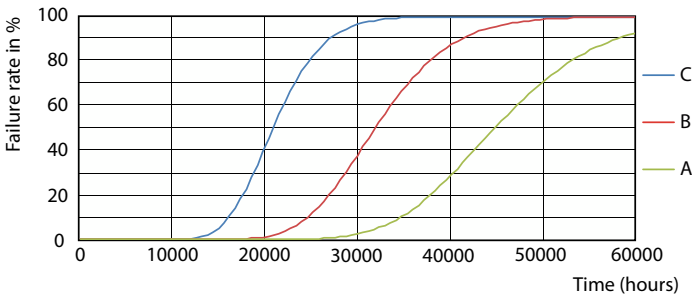


Light Distribution Diagram - CorePro LEDtube 1500mm 20W 840

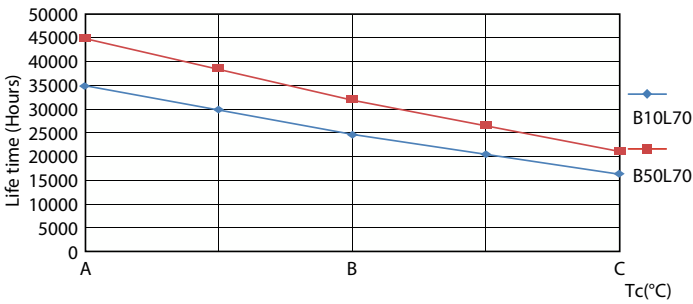
Lifetime



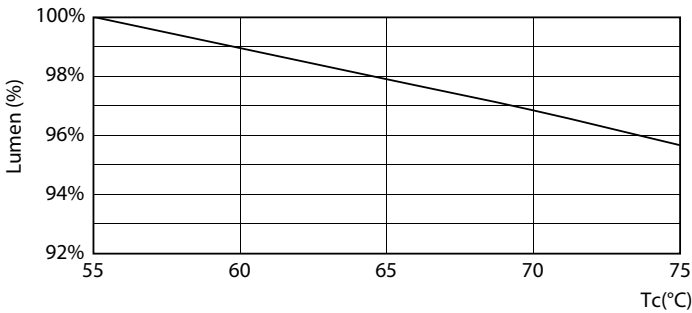
Life Expectancy Diagram - CorePro LEDtube 1500mm 20W 840



Life Expectancy Diagram - CorePro LEDtube 1500mm 20W 840



Life Expectancy Diagram - CorePro LEDtube 1500mm 20W 840



Lumen Maintenance Diagram - CorePro LEDtube 1500mm 20W 840

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Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1500mm 20W 840

