



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 1200mm 14.5W840

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

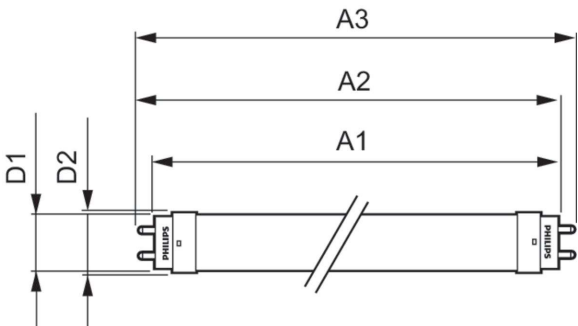
General Information		Stroboscopic effect value (SVM)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	2	
Nominal lifetime	30,000 hour(s)	Photobiological safety according to EN 62471 RGO	
Switching Cycle	200,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color 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	1,600 lm	Power Consumption	14.5 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	4000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	110.00 lm/W	Power Factor (Fraction)	0.9
Color Consistency	<6	Voltage (Nom)	220-240 V
Color rendering index (CRI)	80	LED alternative to fluorescent lamp power	36 W
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Flickering value (PstLM)	2		
		Temperature	
		Ambient temperature range	-20 °C to 45 °C
		T-Case Maximum (Nom)	40 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Glass
Product Length	1,200 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	15 kWh

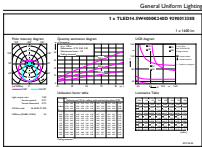
Product Data	
Order product name	CorePro LEDtube 1200mm 14.5W840
Full product name	CorePro LEDtube 1200mm 14.5W840
Full product code	871869671107100
Order code	71107100
Material Nr. (12NC)	929001338802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696711071
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696711088

Dimensional drawing

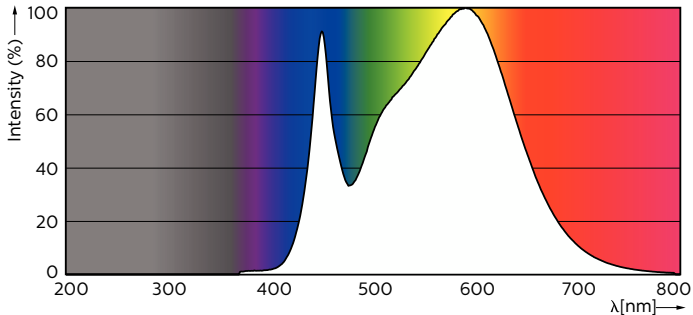


Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 14.5W840	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



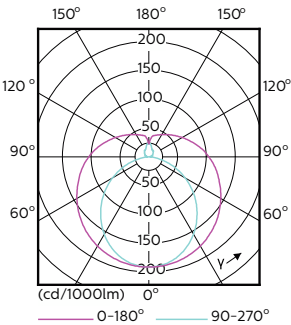
General uniform lighting - CorePro LEDtube 1200mm 14.5W840



Spectral Power Distribution Colour - CorePro LEDtube 1200mm 14.5W840

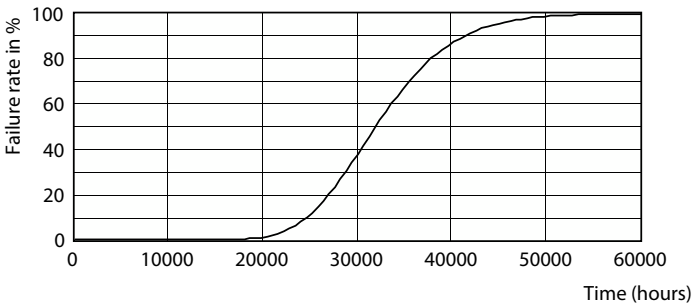
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Photometric data

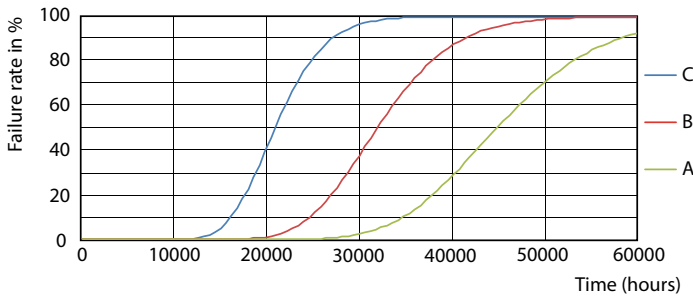


Light Distribution Diagram - CorePro LEDtube 1200mm 14.5W840

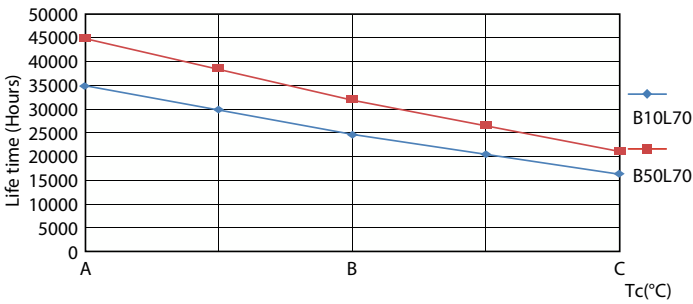
Lifetime



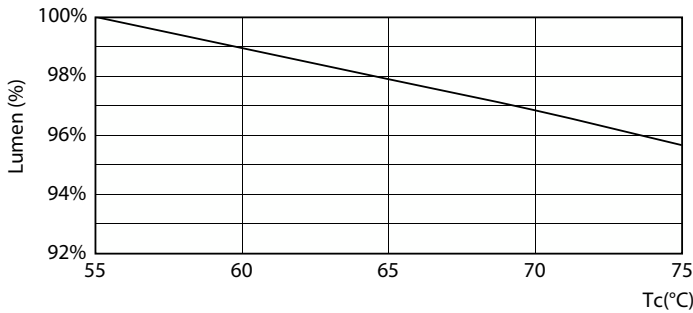
Life Expectancy Diagram - CorePro LEDtube 1200mm 14.5W840



Life Expectancy Diagram - CorePro LEDtube 1200mm 14.5W840



Life Expectancy Diagram - CorePro LEDtube 1200mm 14.5W840



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 14.5W840

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Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 14.5W840

