



CorePro LEDtube EM/ Mains



CorePro LEDtube 1200mm 15.5W 840 T8

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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	200,000X
Technical type	LEDTECH-LOV
	Sphere
Light technical	
Colour Code	840 [CCT of 4,000 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	1800 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	116 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

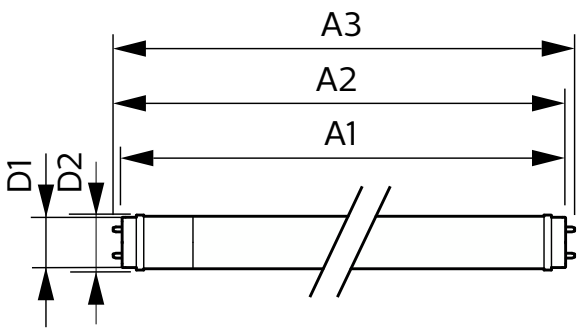
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	15.5 W
Lamp current (nom.)	84 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	50 °C

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Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended
Approval and application	
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	16 kWh
	118384
Product data	
Full product code	871951446954900
Order product name	CorePro LEDtube 1200mm 15.5W 840 T8
EAN/UPC – product	8719514469549
Order code	46954900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003519732
Net Weight (Piece)	0.220 kg

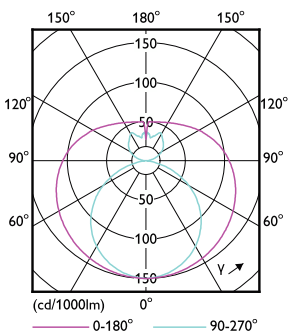
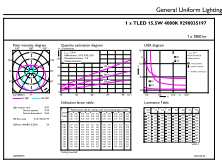
Dimensional drawing



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Product	D1	D2	A1	A2	A3
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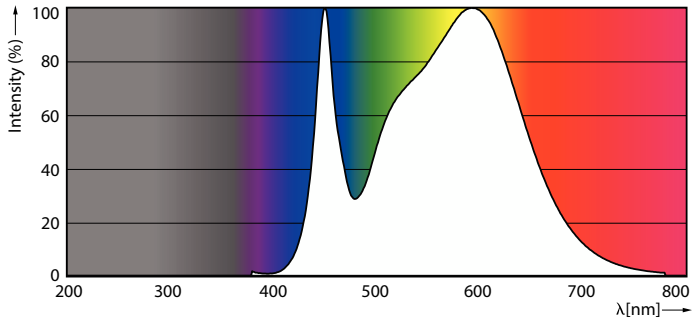
Photometric data



General uniform lighting

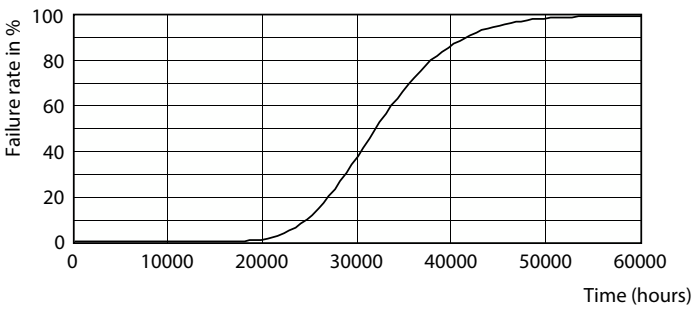
Light Distribution Diagram

Photometric data

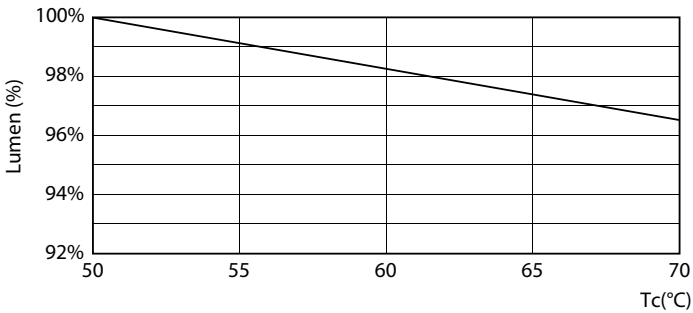


Spectral Power Distribution Colour

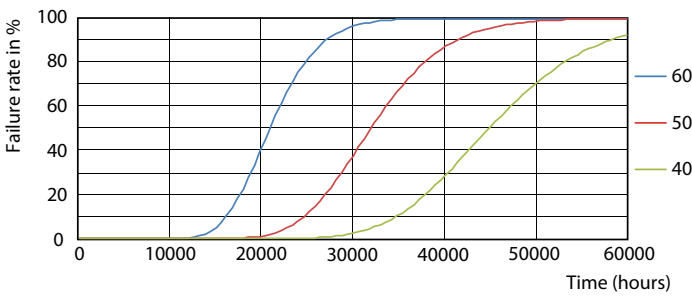
Lifetime



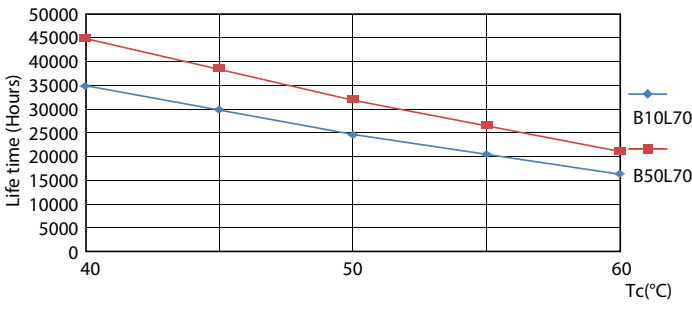
Life Expectancy Diagram



LumenVsTc



FailureRate



LifetimeVsTc

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram

