

CorePro LEDtube EM/ Mains



CorePro LEDtube 1500mm 20W 865 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	865 [CCT of 6,500 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	2200 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	110.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

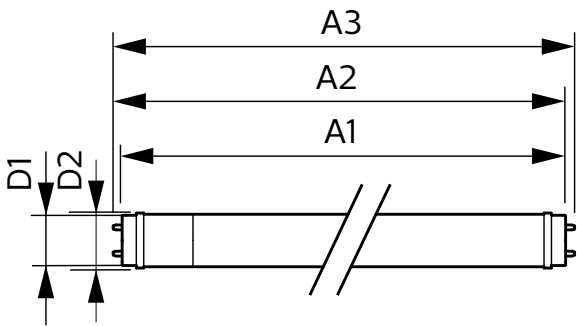
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	20 W
Lamp current (nom.)	105 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	60 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1500 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	20 kWh
	467304
Product Data	
Full product code	871951432541800
Order product name	CorePro LEDtube 1500mm 20W 865 T8
EAN/UPC – product	8719514325418
Order code	32541800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003022602

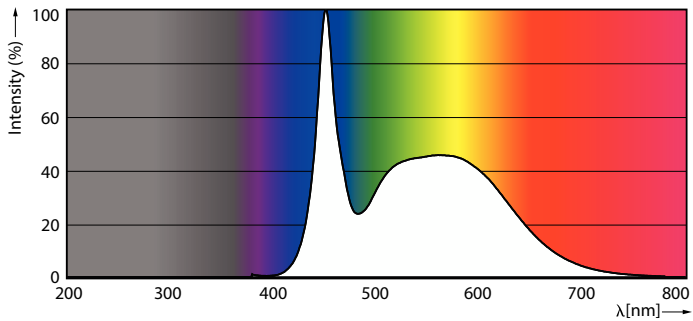
Dimensional drawing



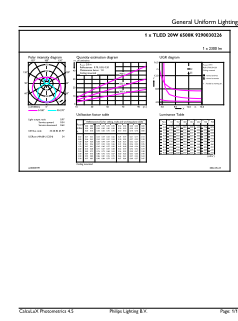
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Product
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Photometric data

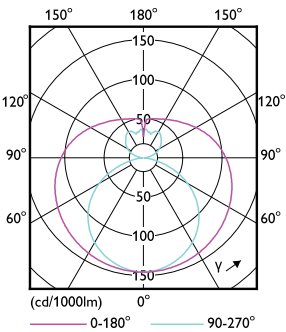


Spectral Power Distribution Colour



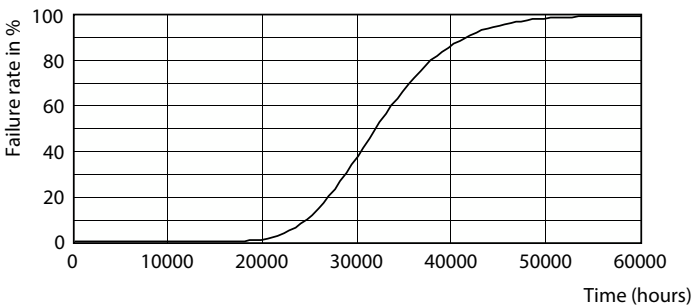
General uniform lighting

Photometric data

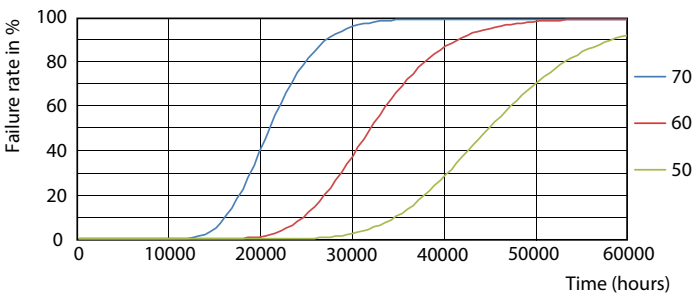


Light Distribution Diagram

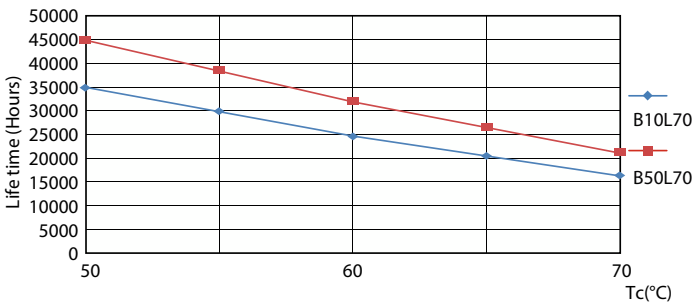
Lifetime



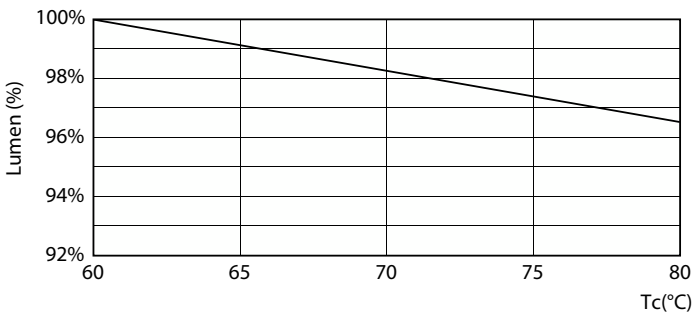
Life Expectancy Diagram



LEDtube_30K_5070_FailureRate-LED



LifetimeVsTc



LumenVsTc

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Lifetime



Lumen Maintenance Diagram

