



CorePro LEDtube EM/ Mains



CorePro LEDtube 1800mm 21W 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

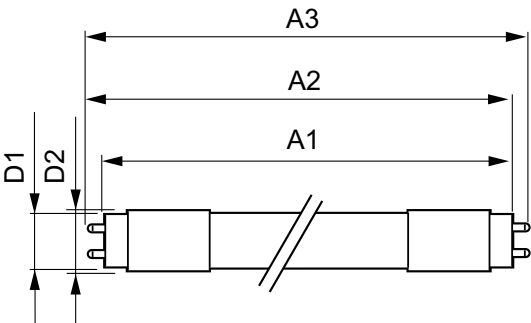
General Information		Flickering value (PstLM)	
Cap base	G13 [Medium Bi-Pin Fluorescent]	1	
Nominal lifetime	50,000 h	Stroboscopic effect	
Switching Cycle	200,000	0.4	
Lighting Technology	LED	Photobiological safety according to EN 62471	
Flux measurement reference	Sphere	RG0	
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Colour Code	865 [CCT of 6500K]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	160 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	3,100 lm	Power Consumption	21 W
Colour designation	Cool Daylight	Starting time (nom.)	0.5 s
Correlated Colour Temperature	6500 K	Warm-up time to 60% light	0.5 s
Luminous efficacy (rated) (nom.)	147 lm/W	Power Factor (Fraction)	0.9
Colour consistency	<6	Voltage (nom.)	220–240 V
Colour rendering index (CRI)	80	LED alternative to fluorescent lamp power	70 W
LLMF at end of nominal lifetime (nom.)	70 %	Temperature	
		Ambient temperature range	–20°C to 45°C
		T-Case maximum (nom.)	60 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	1,800 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	21 kWh

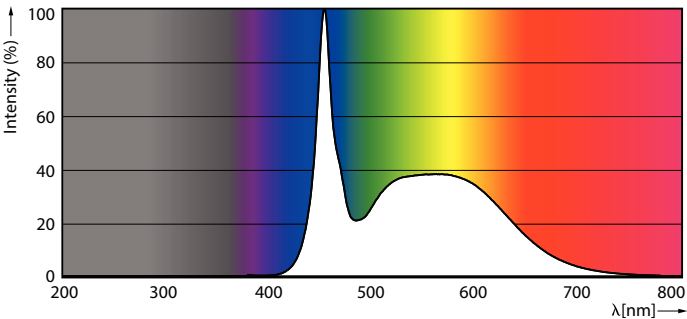
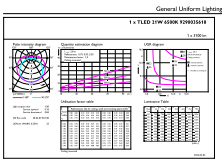
EPREL registration number	1384731
Product Data	
Full EOC	871951447381200
Order product name	CorePro LEDtube 1800mm 21W 865 T8
Order code	47381200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12 NC)	929003561802
Full product name	CorePro LEDtube 1800mm 21W 865 T8
EAN/UPC – Case	8719514473829
EAN/UPC – Product/Case	8719514473812

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1800mm 21W 865 T8	25.8 mm	28 mm	1,762.6 mm	1,769.7 mm	1,776.8 mm

Photometric data

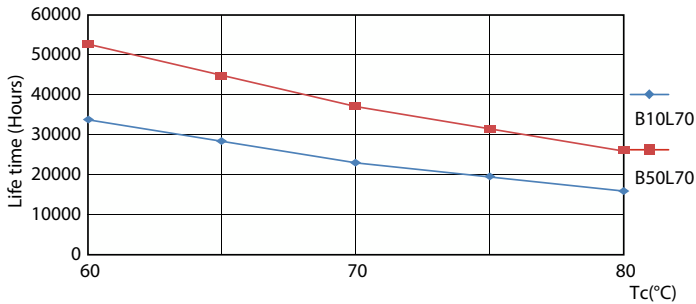
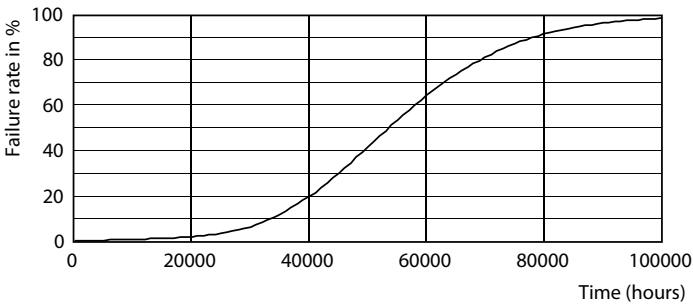


General uniform lighting - CorePro LEDtube 1800mm 21W 865 T8

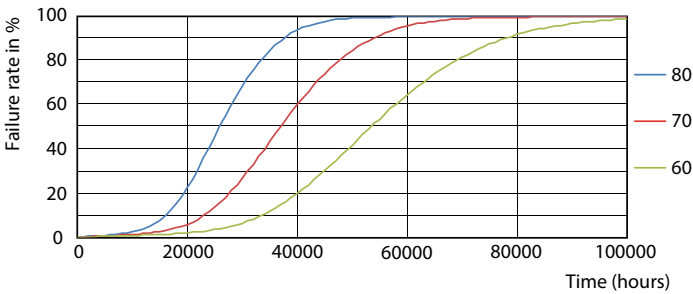
Spectral Power Distribution Colour - CorePro LEDtube 1800mm 21W 865 T8

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Lifetime

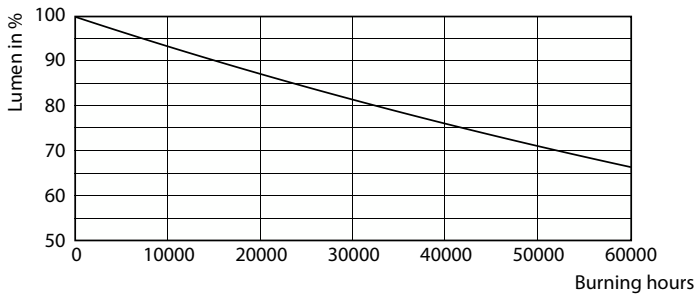


Life Expectancy Diagram - CorePro LEDtube 1800mm 21W 865 T8



Life Expectancy Diagram

Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube 1800mm 21W 865 T8

