



CorePro LEDtube EM/ Mains



CorePro LEDtube 1800mm 21W830 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

• –

Product data

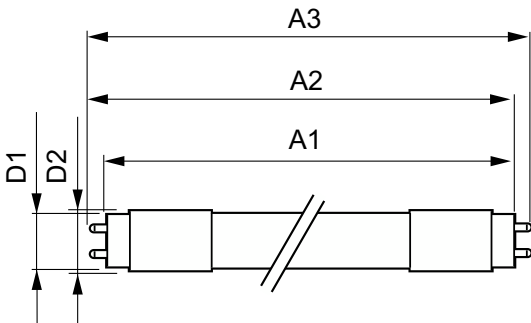
General Information		Flickering value (PstLM)	
Cap base	G13 [Medium Bi-Pin Fluorescent]	1	
Nominal lifetime	50,000 h	Stroboscopic effect	
Switching Cycle	200,000	0.4	
Lighting Technology	LED	Photobiological safety according to EN 62471	
Flux measurement reference	Sphere	RG0	
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	160 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	2,900 lm	Power Consumption	21 W
Colour designation	White (WH)	Starting time (nom.)	0.5 s
Correlated Colour Temperature	3000 K	Warm-up time to 60% light	0.5 s
Luminous efficacy (rated) (nom.)	138 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

CorePro LEDtube EM/Mains

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

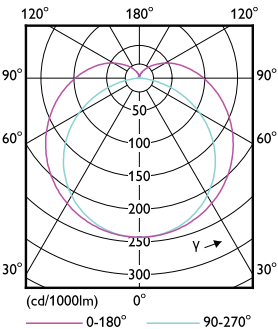
EPREL registration number	1384738
Product Data	
Full EOC	871951449493000
Order product name	CorePro LEDtube 1800mm 21W830 T8
Order code	49493000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12 NC)	929003584702
Full product name	CorePro LEDtube 1800mm 21W830 T8
EAN/UPC – Case	8719514494947
EAN/UPC – Product/Case	8719514494930

Dimensional drawing

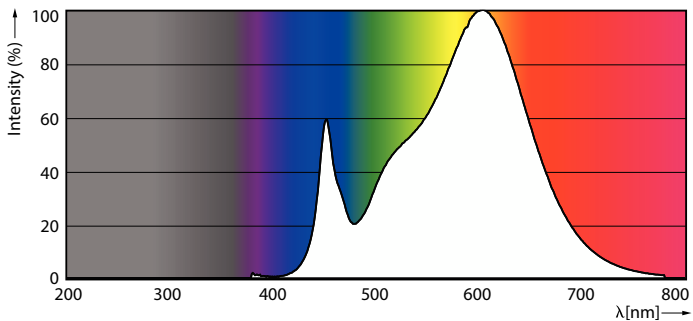


Product	D1	D2	A1	A2	A3
CorePro LEDtube 1800mm 21W830 T8	25.8 mm	28 mm	1,762.6 mm	1,769.7 mm	1,776.8 mm

Photometric data

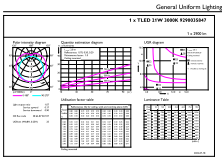


Light Distribution Diagram – CorePro LEDtube 1800mm 21W830 T8



Spectral Power Distribution Colour

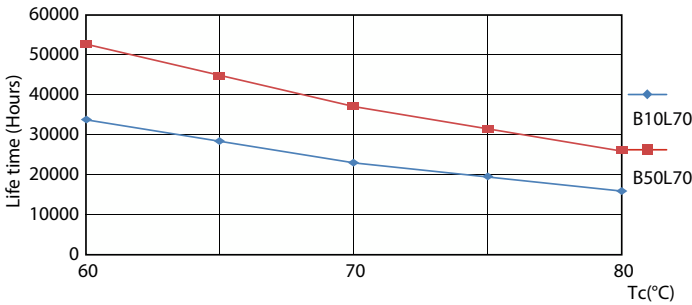
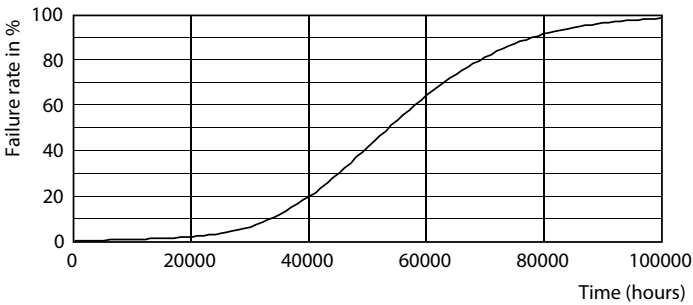
Photometric data



General uniform lighting - CorePro LEDtube 1800mm 21W830 T8

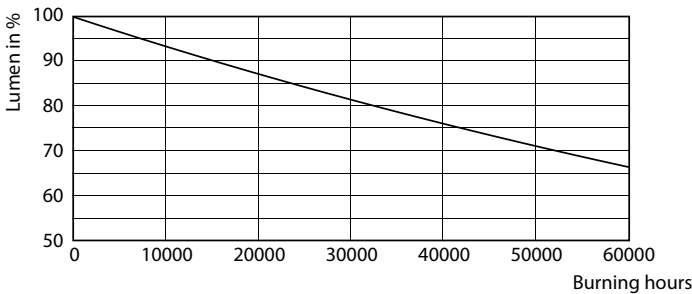
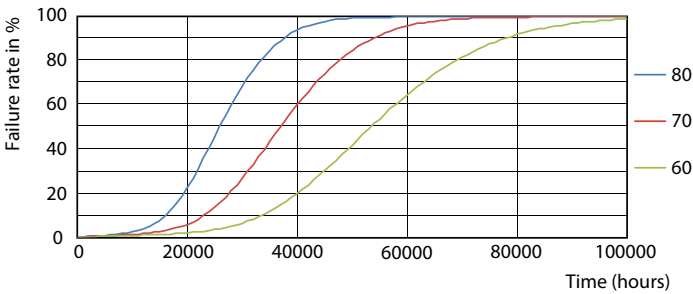
General uniform lighting - CorePro LEDtube 1800mm 21W830 T8

Lifetime



Life Expectancy Diagram - CorePro LEDtube 1800mm 21W830 T8

Life Expectancy Diagram



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDtube 1800mm 21W830 T8

CorePro LEDtube EM/Mains

