

# CorePro LEDtube EM/ Mains



## CorePro LEDtube 1800mm 21W 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

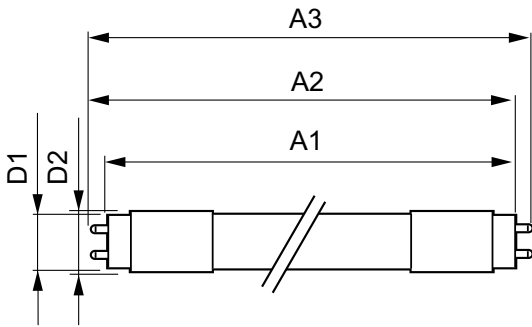
General information		Stroboscopic effect	
Lighting Technology	LED		0.4
Flux measurement reference	Sphere	Operating and electrical	
Switching Cycle	200,000	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 h	Input frequency	50 to 60 Hz
Cap base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	21 W
Light technical		Starting time (nom.)	0.5 s
Colour Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam angle (nom.)	160 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	3,100 lm	Voltage (nom.)	220-240 V
Colour designation	Cool White (CW)	Temperature	
Correlated Colour Temperature	4000 K	Ambient temperature range	-20°C to 45°C
Luminous Efficacy (rated) (Nom)	147 lm/W	T-Case maximum (nom.)	60 °C
Colour consistency	<6	Controls and dimming	
Colour rendering index (CRI)	80	Dimmable	No
LLMF at end of nominal lifetime (nom.)	70 %		
Flickering value (PstLM)	1		

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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	1323044

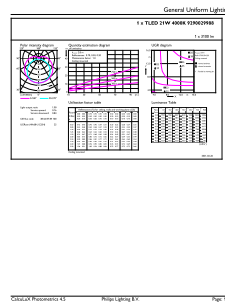
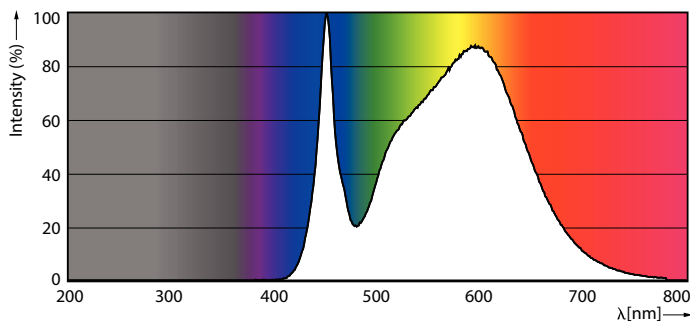
EU RoHS compliant	Yes
Product data	
Full EOC	871951431692800
Order product name	CorePro LEDtube 1800mm 21W 840 T8
Order code	31692800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929002998802
Full product name	CorePro LEDtube 1800mm 21W 840 T8
EAN/UPC - Case	8719514316935

## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1800mm 21W 840 T8	25.8 mm	28 mm	1,762.6 mm	1,769.7 mm	1,776.8 mm

## Photometric data

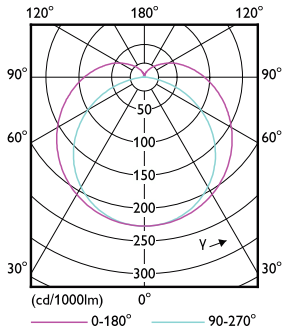


Spectral Power Distribution Colour - CorePro LEDtube 1800mm 21W 840 T8

General uniform lighting - CorePro LEDtube 1800mm 21W 840 T8

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## Photometric data

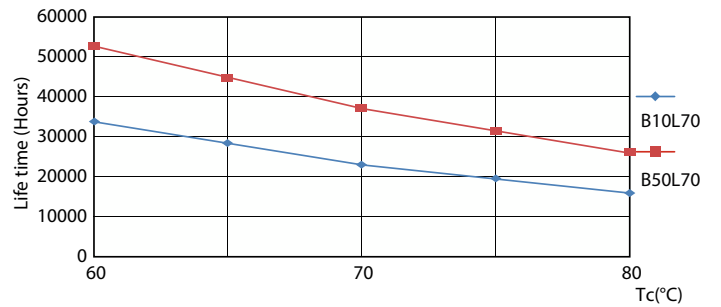


Light Distribution Diagram - CorePro LEDtube 1800mm 21W 840 T8

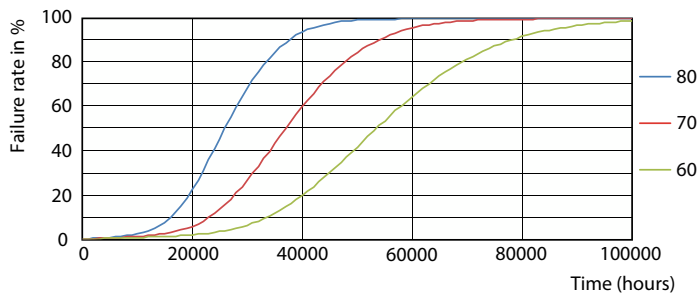
## Lifetime



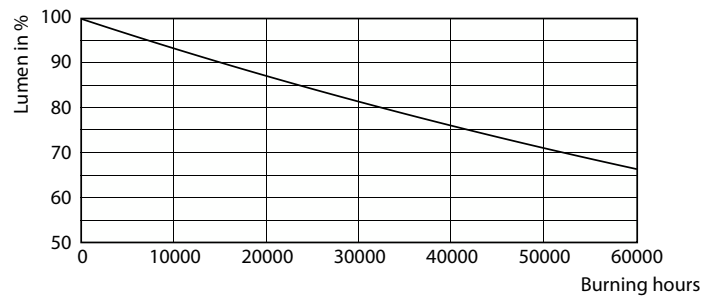
Life Expectancy Diagram - CorePro LEDtube 1800mm 21W 840 T8



Life Expectancy Diagram



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube 1800mm 21W 840 T8

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