



# CorePro LEDtube EM/ Mains



## CorePro LEDtube 600mm 8W 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

• -

### Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 h
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	240 degree(s)
Luminous Flux	800 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80

LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1
Stroboscopic effect	0.9
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	8 W
Lamp current (nom.)	46 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
LED alternative to fluorescent lamp power	18 W
Ballast Compatibility	EM/Mains

# CorePro LEDtube EM/Mains

## Temperature

Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	50 °C

## Controls and Dimming

Dimmable	No
----------	----

## Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	600 mm
Bulb shape	T8

## Approval and Application

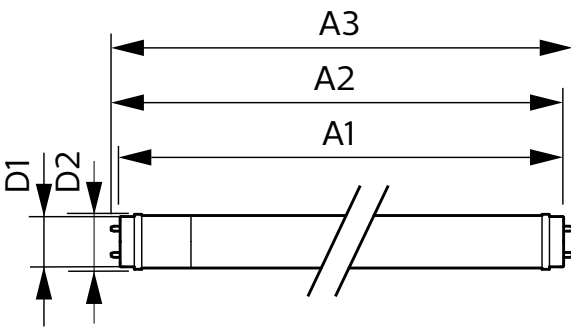
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh
EPREL registration number	1384725

## Product Data

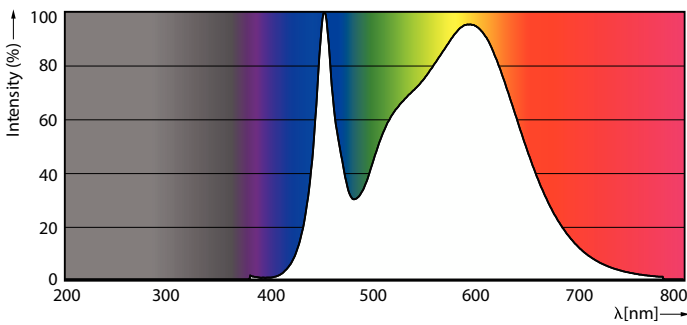
Order product name	CorePro LEDtube 600mm 8W 840 T8
Full product name	CorePro LEDtube 600mm 8W 840 T8
Full EOC	871951445977900
Order code	45977900
Material no. (12 NC)	929003547202
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514459779
Numerator – packs per outer box	20
EAN/UPC - Case	8719514459786

## Dimensional drawing

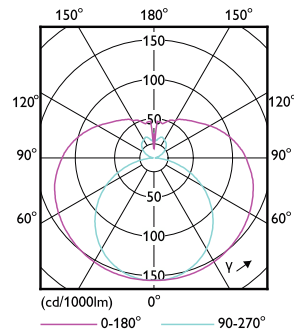


Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W 840 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data



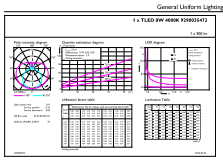
Spectral Power Distribution Colour - CorePro LEDtube 600mm 8W 840 T8



Light Distribution Diagram - CorePro LEDtube 600mm 8W 840 T8

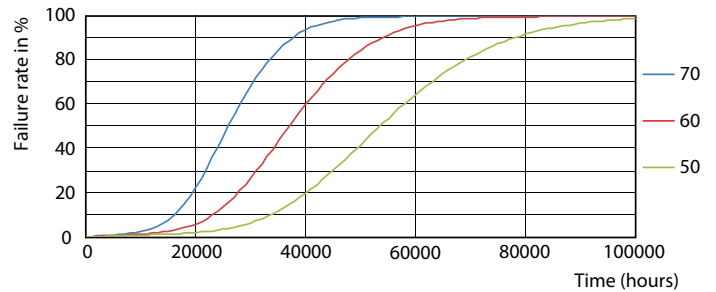
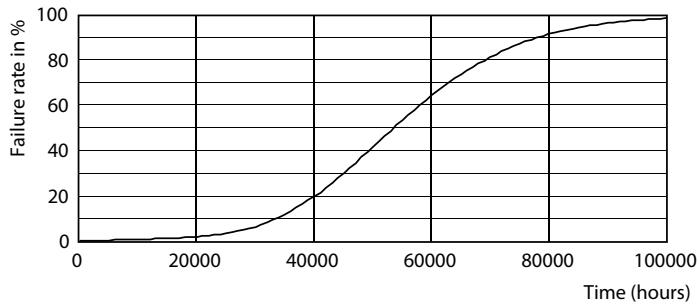
# CorePro LEDtube EM/Mains

## Photometric data



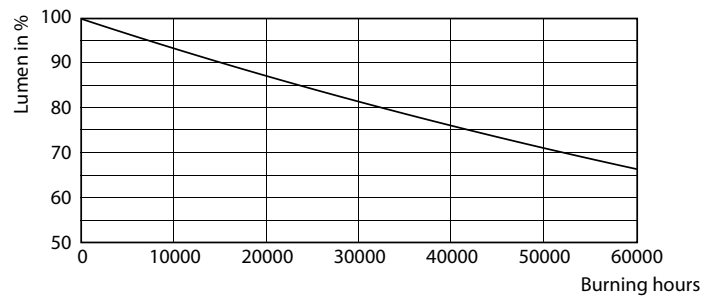
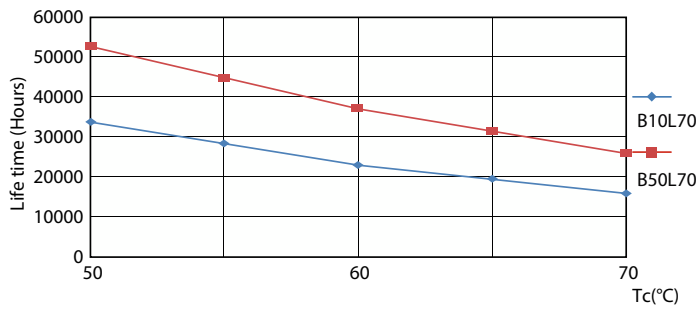
General uniform lighting - CorePro LEDtube 600mm 8W 840 T8

## Lifetime



Life Expectancy Diagram - CorePro LEDtube 600mm 8W 840 T8

Life Expectancy Diagram - CorePro LEDtube 600mm 8W 840 T8



Life Expectancy Diagram - CorePro LEDtube 600mm 8W 840 T8

Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W 840 T8

## CorePro LEDtube EM/Mains

