



# CorePro LEDtube EM/ Mains

## CorePro LEDtube 600mm 8W865

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		Stroboscopic effect	
Cap base	G13 [Medium Bi-Pin Fluorescent]		2
Nominal lifetime	30,000 h	Photobiological safety according to EN 62471 RGO	
Switching Cycle	200,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Light Technical		Power Consumption	8 W
Colour Code	865 [CCT of 6500K]	Starting time (nom.)	0.5 s
Beam angle (nom.)	240 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	800 lm	Power Factor (Fraction)	0.9
Colour designation	Cool Daylight	Voltage (nom.)	220-240 V
Correlated Colour Temperature	6500 K	LED alternative to fluorescent lamp power	18 W
Luminous efficacy (rated) (nom.)	100.00 lm/W	Temperature	
Colour consistency	<6	Ambient temperature range	-20°C to 45°C
Colour rendering index (CRI)	80	T-Case maximum (nom.)	40 °C
LLMF at end of nominal lifetime (nom.)	70 %		
Flickering value (PstLM)	2		

# CorePro LEDtube EM/Mains

## Controls and Dimming

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

## Mechanical and Housing

Bulb material	Glass
Product length	600 mm

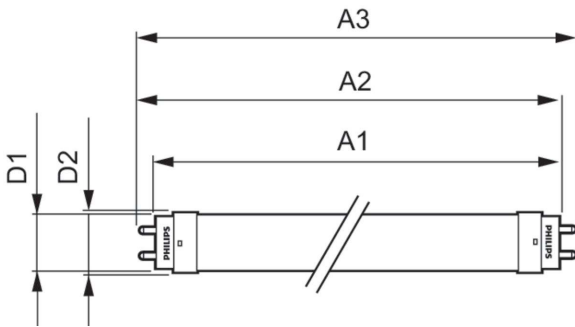
## Approval and Application

Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	8 kWh

## Product Data

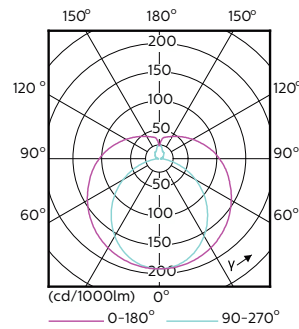
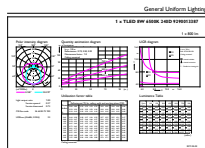
Order product name	CorePro LEDtube 600mm 8W865
Full product name	CorePro LEDtube 600mm 8W865
Full EOC	871869671105700
Order code	71105700
Material no. (12 NC)	929001338702
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696711057
Numerator – packs per outer box	10
EAN/UPC – Case	8718696711064

## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W865	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data

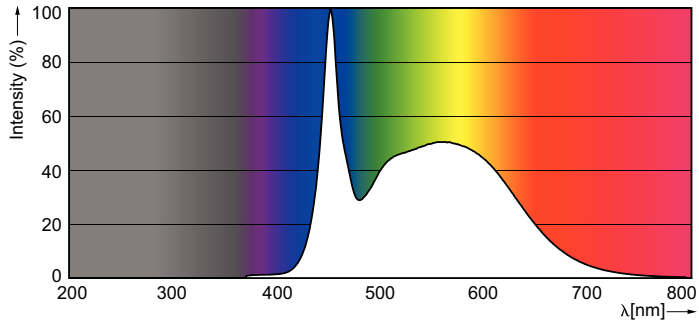


General uniform lighting - CorePro LEDtube 600mm 8W865

Light Distribution Diagram - CorePro LEDtube 600mm 8W865

# CorePro LEDtube EM/Mains

## Photometric data

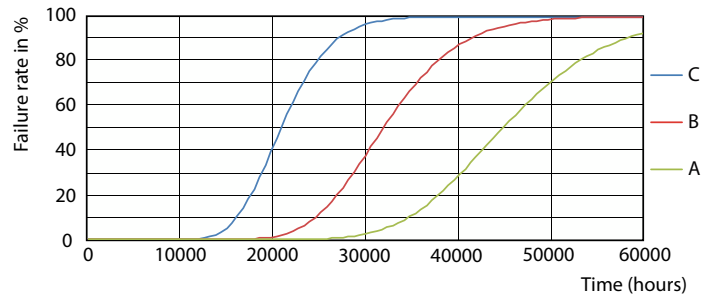


Spectral Power Distribution Colour - CorePro LEDtube 600mm 8W865

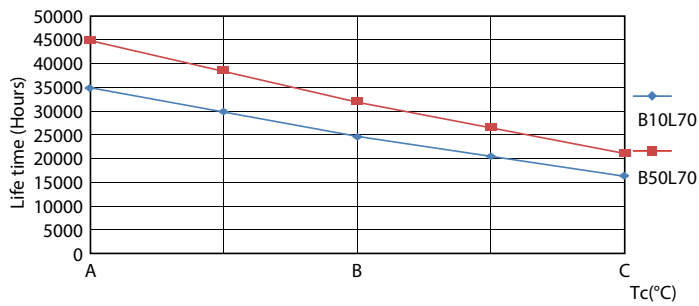
## Lifetime



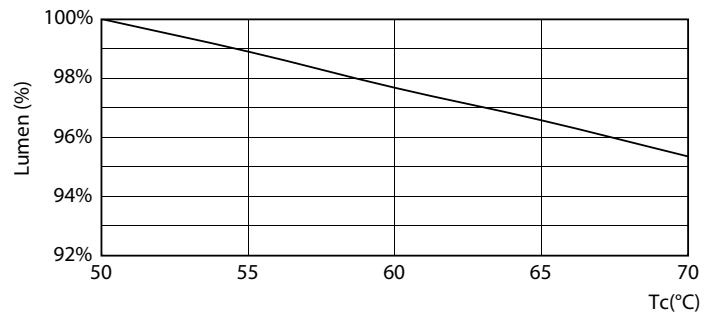
Life Expectancy Diagram - CorePro LEDtube 600mm 8W865



Life Expectancy Diagram - CorePro LEDtube 600mm 8W865



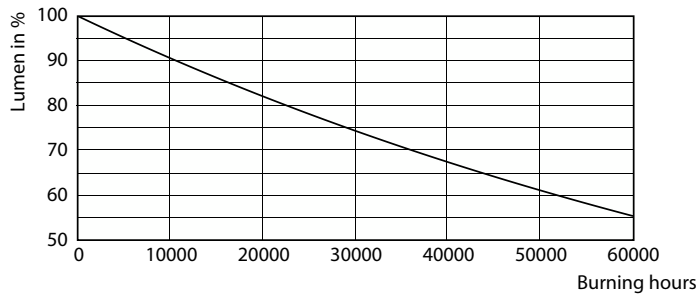
Life Expectancy Diagram - CorePro LEDtube 600mm 8W865



Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W865

# CorePro LEDtube EM/Mains

## Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W865

