CorePro LEDtube EM/ Mains

CorePro LEDtube 600mm 8W840

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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	30,000 h
Switching Cycle	200,000
Lighting Technology	LED
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.)	100.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	2
Stroboscopic effect	2
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
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

Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	40 °C

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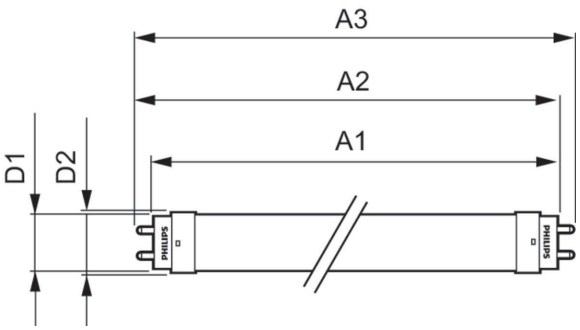
Controls and Dimming	
Dimmable	No

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

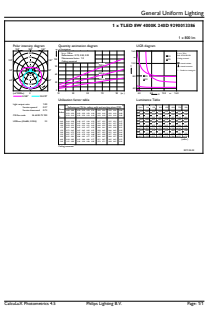
Product Data	
Order product name	CorePro LEDtube 600mm 8W840
Full product name	CorePro LEDtube 600mm 8W840
Full EOC	871869671103300
Order code	71103300
Material no. (12 NC)	929001338602
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696711033
Numerator – packs per outer box	10
EAN/UPC - Case	8718696711040

Dimensional drawing

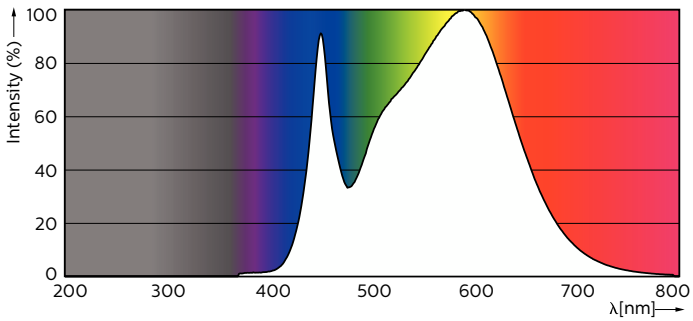


Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W840	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



General uniform lighting - CorePro LEDtube 600mm 8W840



Spectral Power Distribution Colour - CorePro LEDtube 600mm 8W840

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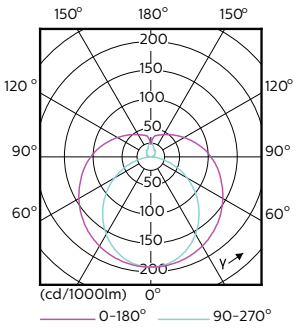
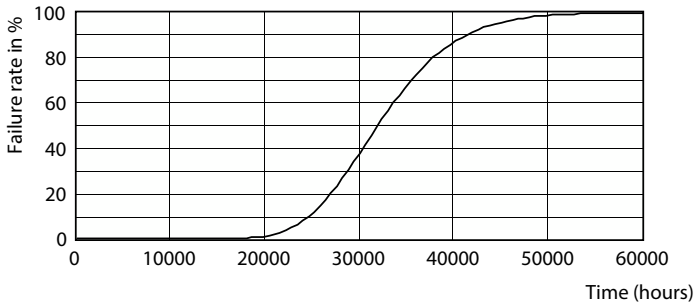
Photometric data

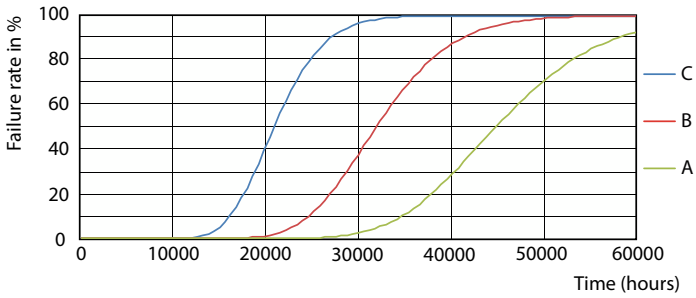


Light Distribution Diagram - CorePro LEDtube 600mm 8W840

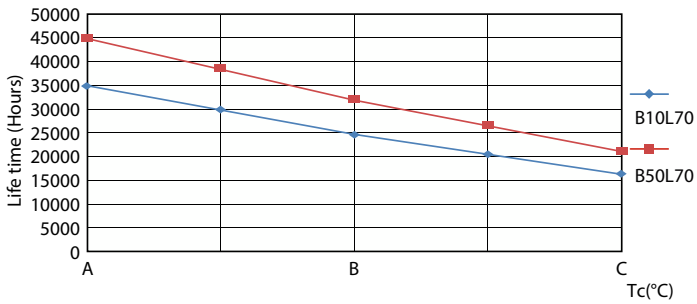
Lifetime



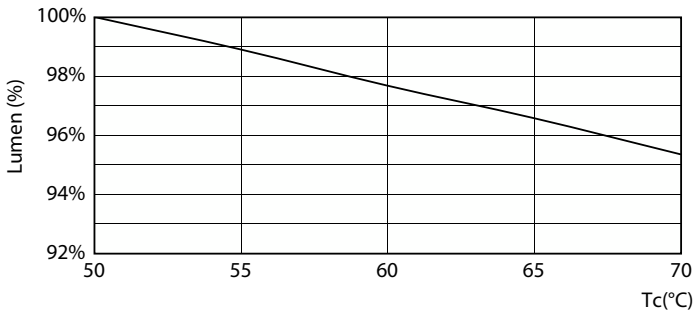
Life Expectancy Diagram - CorePro LEDtube 600mm 8W840



Life Expectancy Diagram - CorePro LEDtube 600mm 8W840



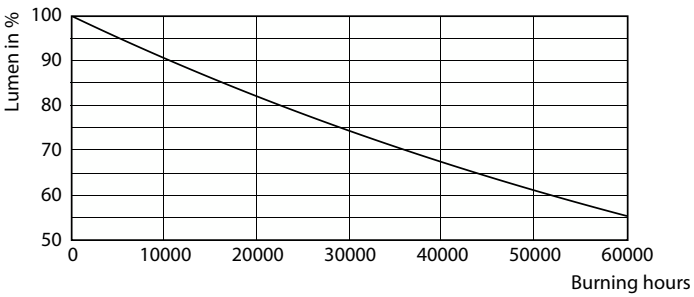
Life Expectancy Diagram - CorePro LEDtube 600mm 8W840



Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W840

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W840

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