

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]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	200,000X

Light Technical	
Colour Code	840 [CCT of 4,000 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	800 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	100.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W
Lamp current (nom.)	38 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	40 °C

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Controls and Dimming	
Dimmable	No

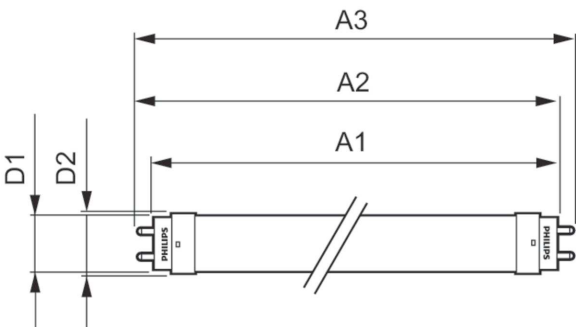
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	600 mm
Bulb shape	Tube, double-ended

Approval and Application	
Energy efficiency label (EEL)	F
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh

Product Data	
Full product code	871951432531900
Order product name	CorePro LEDtube 600mm 8W840
EAN/UPC – product	8719514325319
Order code	32531900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003022102
SAP net weight (piece)	0.120 kg

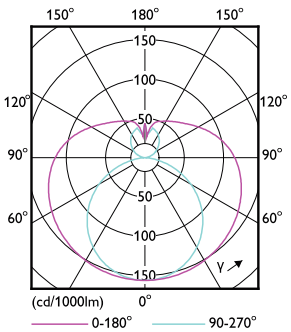
Dimensional drawing



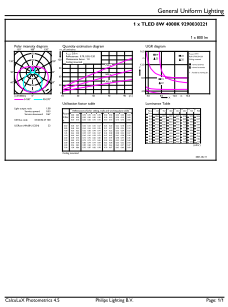
T8 Corepro 220-240V 8W 800lm 4000K

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

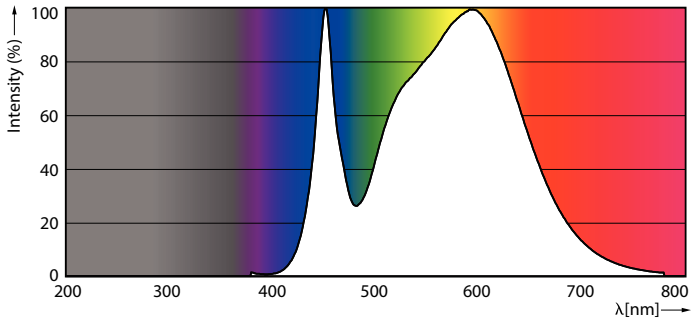


LEDtube COR 1 8W G13 800lm-LDD



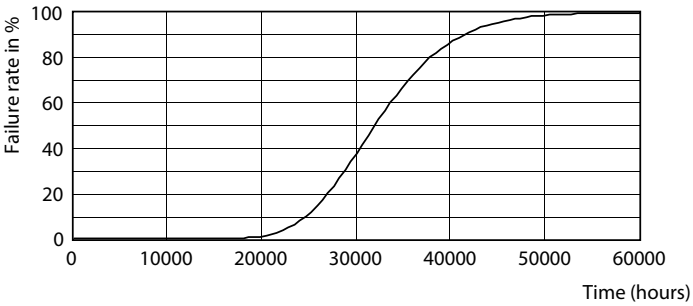
LEDtube COR 1 8W G13 800lm 840-GUL

Photometric data

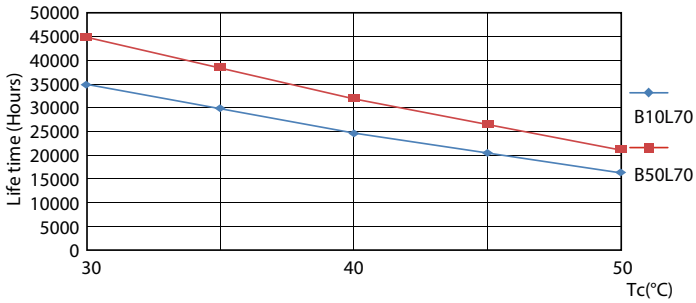


LEDtube COR 1 8W G13 800lm 840-POC

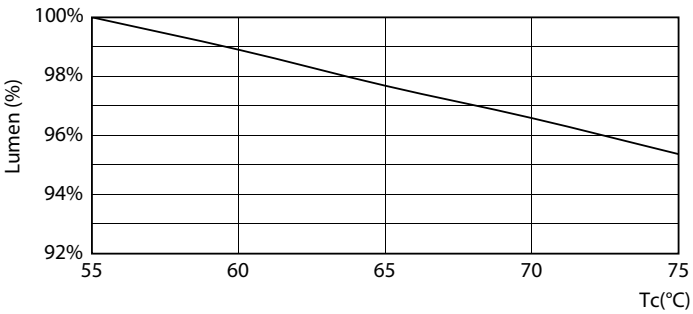
Lifetime



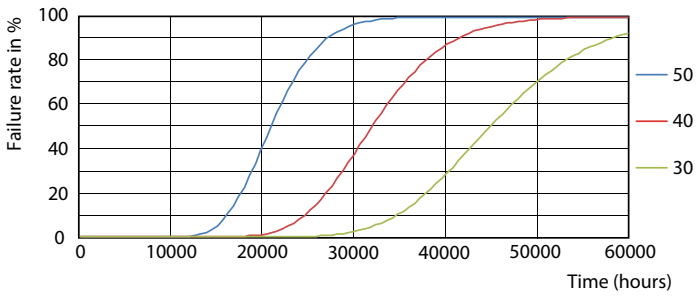
LEDtube 30K



LEDtube COR 1 8W 30K LifetimeVsTc-LED



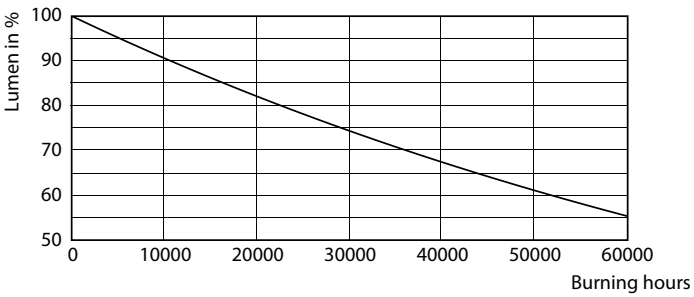
LEDtube COR 1 8W 30K LumenVsTc-LMP



LEDtube COR 1 8W 30K FailureRate-LED

CorePro LEDtube EM/Mains

Lifetime



LEDtube 30K

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