



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

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Product data

General Information		LLMF at end of nominal lifetime (nom.)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		70 %
Nominal lifetime	50,000 h	Flickering value (PstLM)	1
Switching Cycle	200,000	Stroboscopic effect	0.9
Lighting Technology	LED	Photobiological safety according to EN 62471 RGO	
Flux measurement reference	Sphere	Operating and Electrical	
CE mark	Yes	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Light Technical		Power Consumption	8 W
Colour Code	840 [CCT of 4000K]	Lamp current (nom.)	46 mA
Beam angle (nom.)	240 degree(s)	Starting time (nom.)	0.5 s
Luminous Flux	800 lm	Warm-up time to 60% light	0.5 s
Colour designation	Cool White (CW)	Power Factor (Fraction)	0.9
Correlated Colour Temperature	4000 K	Voltage (nom.)	220-240 V
Luminous efficacy (rated) (nom.)	100 lm/W	LED alternative to fluorescent lamp power	18 W
Colour consistency	<6	Ballast Compatibility	EM/Mains
Colour rendering index (CRI)	80		

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Temperature

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

Controls and Dimming

Dimmable	No
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Mechanical and Housing

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

Approval and Application

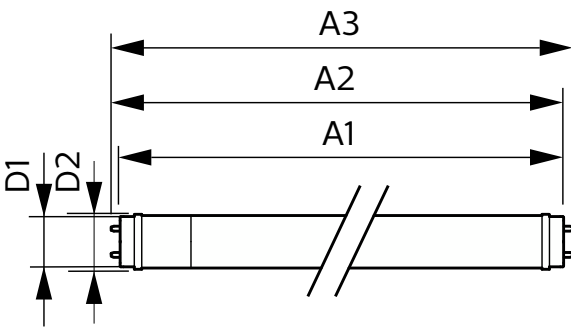
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh
EPREL registration number	1384716

Product Data

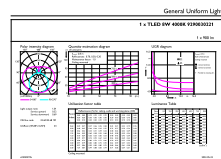
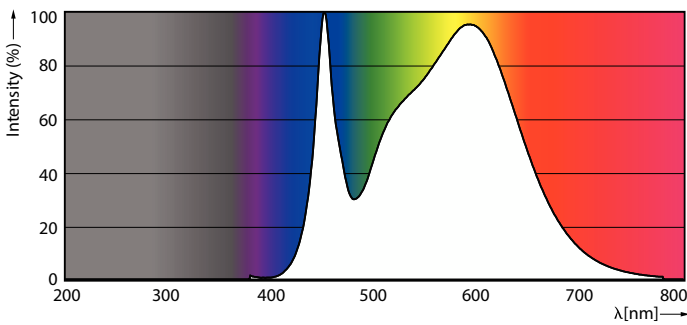
Order product name	CorePro LEDtube 600mm 8W 840 T8
Full product name	CorePro LEDtube 600mm 8W 840 T8
Full EOC	871951432531900
Order code	32531900
Material no. (12 NC)	929003022102
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514325319
Numerator – packs per outer box	10
EAN/UPC - Case	8719514325326

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

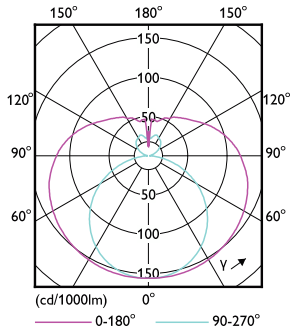


Spectral Power Distribution Colour - CorePro LEDtube 600mm 8W 840 T8

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

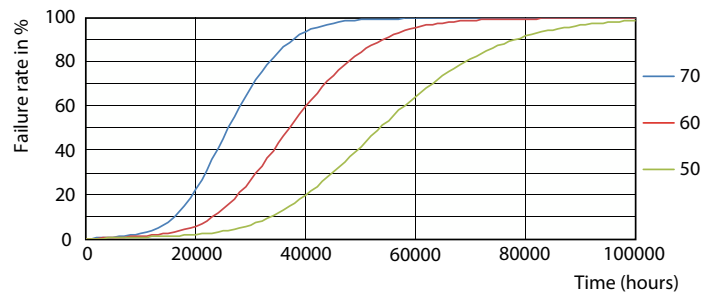
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Photometric data



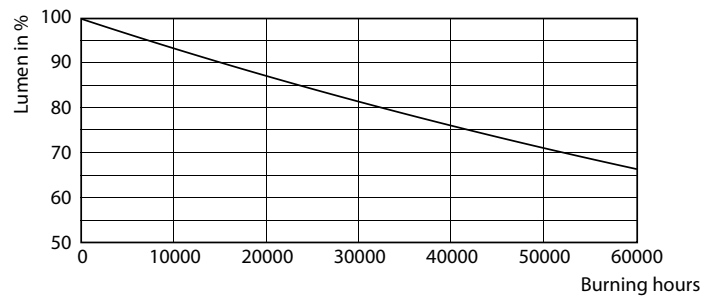
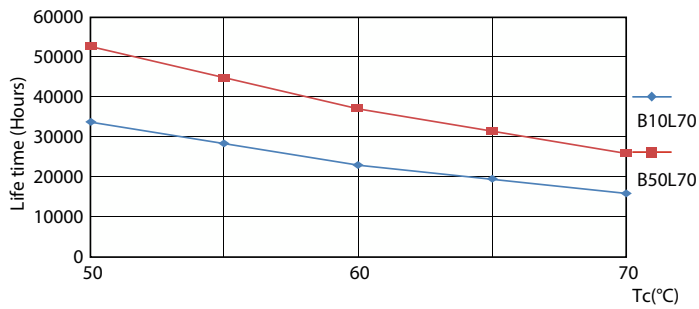
Light Distribution Diagram - CorePro LEDtube 600mm 8W 840 T8

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

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