



# CorePro LEDtube EM/ Mains T8

## CorePro LEDtube 1200mm 18W 840 T8C W G

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

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

### Product data

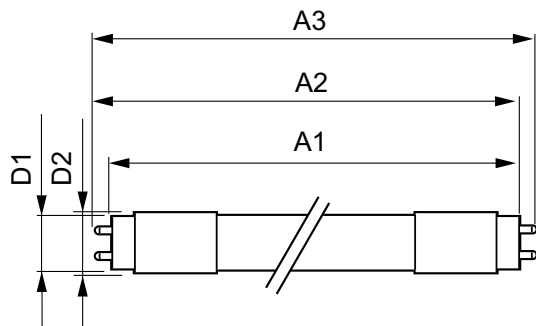
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		70 %
EU RoHS compliant	Yes	Operating and Electrical	
Nominal Lifetime (Nom)	25000 h	Input Frequency	50 to 60 Hz
Switching Cycle	50000X	Power (Nom)	18 W
Technical Type	18-32-36W	Lamp Current (Max)	160 mA
Light Technical		Lamp Current (Min)	95 mA
Color Code	840 [ CCT of 4000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	240 °	Warm Up Time to 60% Light (Nom)	0.5 s
Luminous Flux (Nom)	1850 lm	Power Factor (Nom)	0.92
Color Designation	Cool White (CW)	Voltage (Nom)	100-240 V
Correlated Color Temperature (Nom)	4000 K	Temperature	
Luminous Efficacy (rated) (Nom)	102.00 lm/W	T-Ambient (Max)	45 °C
Color Consistency	<6	T-Ambient (Min)	-20 °C
Color Rendering Index (Nom)	80	T-Storage (Max)	65 °C
		T-Storage (Min)	-40 °C

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T-Case Maximum (Nom)	65 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Product Length	1200 mm
<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	18 kWh

<b>Product Data</b>	
Full product code	871869963757600
Order product name	CorePro LEDtube 1200mm 18W 840 T8C W G
EAN/UPC - Product	8718699637576
Order code	929001999872
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929001999872
Net Weight (Piece)	0.172 kg

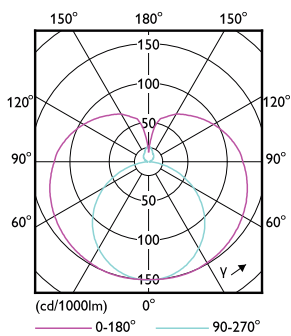
## Dimensional drawing



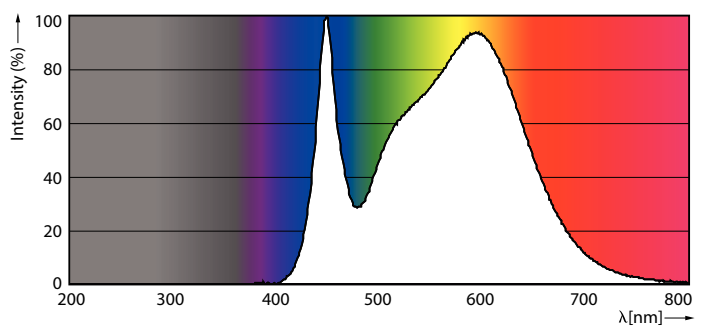
TLED 1200mm 100-240V 18-36W 1850lm 4000K

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 18W 840 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm

## Photometric data



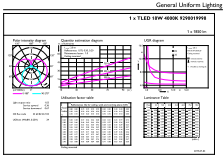
LEDtube 18W G13 1850lm



LEDtube 18W G13 840

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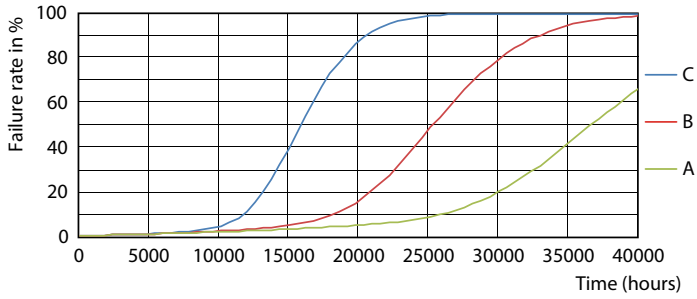
## Photometric data



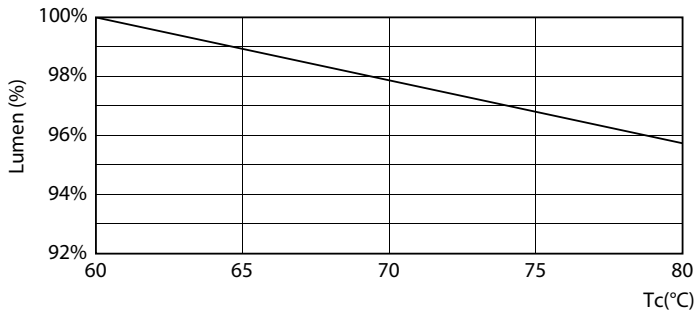
General Uniform Light 1x T8 LED tube (EM) COB1518

LEDtube 18W G13 1850lm 840

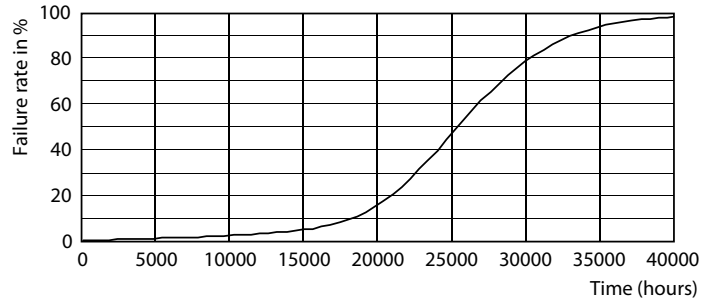
## Lifetime



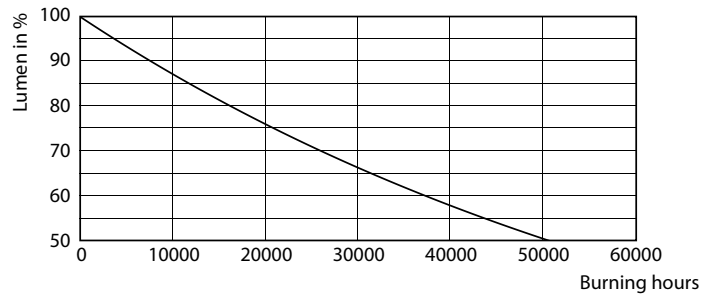
LEDtube 25K FailureRate



LEDtube 25K 1 LumenVsTc



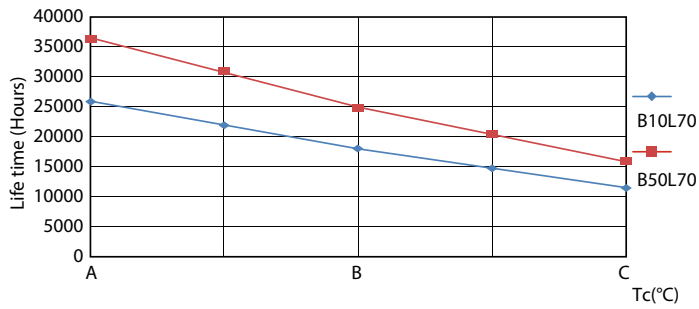
LEDtube 25K



LEDtube 25K

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## Lifetime



LEDtube 25K LifetimeVsTc

