



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 1200mm HO 18W840 C 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	18-32-36W

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	116.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	18 W
Lamp Current (Max)	160 mA
Lamp Current (Min)	95 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.92
Voltage (Nom)	100-240 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

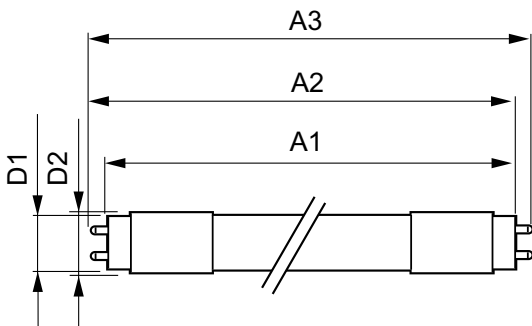
LLMF At End Of Nominal Lifetime (Nom)	70 %
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T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Bulb Shape	Tube, single-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	18 kWh

Product Data	
Full product code	871869963761300
Order product name	CorePro LEDtube 1200mm HO 18W840 C W G
EAN/UPC - Product	8718699637613
Order code	929002000072
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002000072
Net Weight (Piece)	0.225 kg

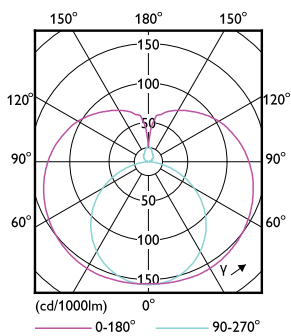
Dimensional drawing



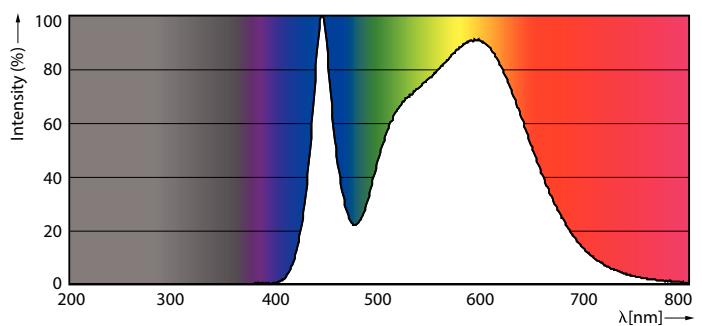
TLED 1200mm 100-240V 18-36W 2100lm 4000K

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HO 18W840 C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm

Photometric data



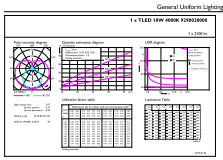
LEDtube 18W G13 2100lm



LEDtube 18W G13 840

CorePro LEDtube EM/Mains T8

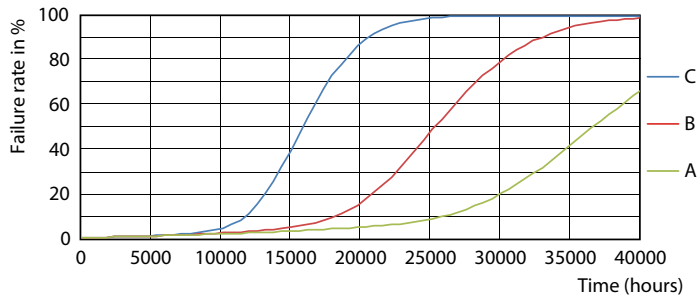
Photometric data



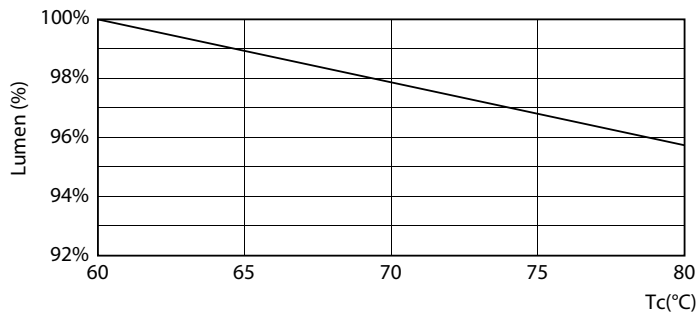
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LEDtube 18W G13 2100lm 840

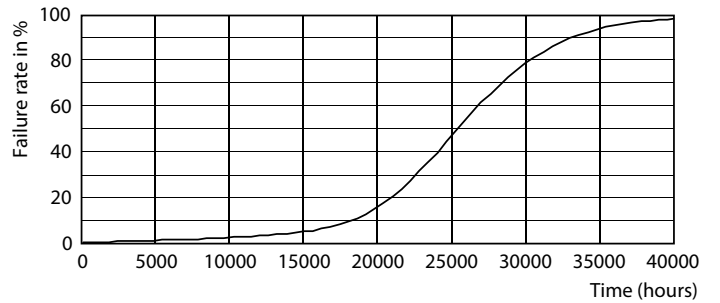
Lifetime



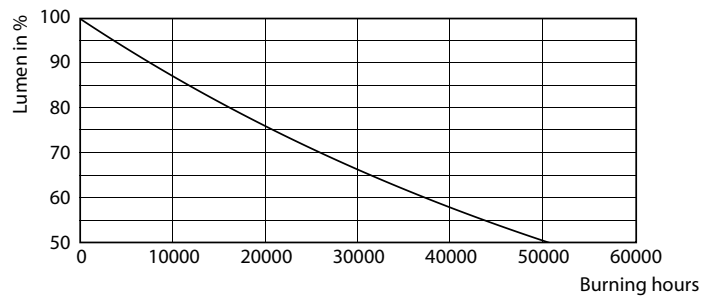
LEDtube 25K FailureRate



LEDtube 25K 1 LumenVsTc



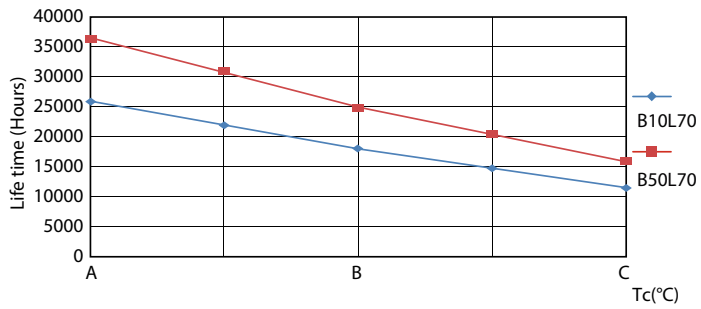
LEDtube 25K



LEDtube 25K

CorePro LEDtube EM/Mains T8

Lifetime



LEDtube 25K LifetimeVsTc

