



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 1200mm HO 18W 865 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

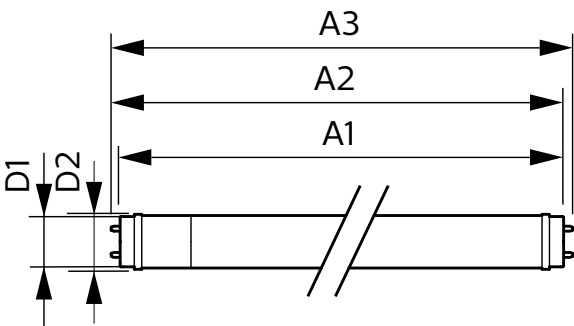
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		70 %
Nominal lifetime	50,000 hour(s)	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Switching Cycle	200,000	Stroboscopic effect visibility measure (SVM)	0.9
Lighting Technology	LED	Photobiological safety according to EN 62471	RG0
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	18 W
Color Code	865 [CCT of 6500K]	Lamp Current (Nom)	90 mA
Beam Angle (Nom)	240 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	2,000 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool Daylight	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	6500 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	111 lm/W	LED alternative to fluorescent lamp power	36 W
Color Consistency	<6	Ballast Compatibility	EM/Mains
Color rendering index (CRI)	80		

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Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate

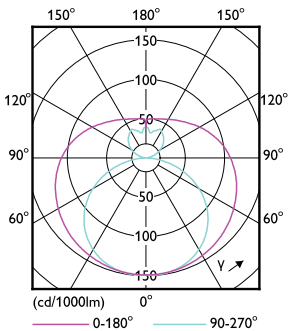
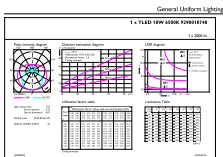
Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	1384711
Product Data	
Order product name	CorePro LEDtube 1200mm HO 18W 865 T8
Full product name	CorePro LEDtube 1200mm HO 18W 865 T8
Full product code	871869680611100
Order code	80611100
Material Nr. (12NC)	929001874802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696806111
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696806128

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HO 18W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data

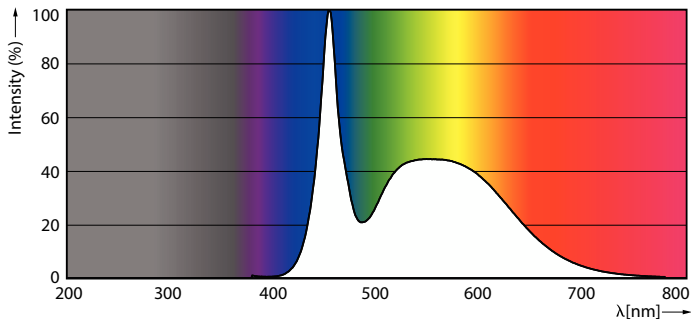


General uniform lighting - CorePro LEDtube 1200mm HO 18W 865 T8

Light Distribution Diagram - CorePro LEDtube 1200mm HO 18W 865 T8

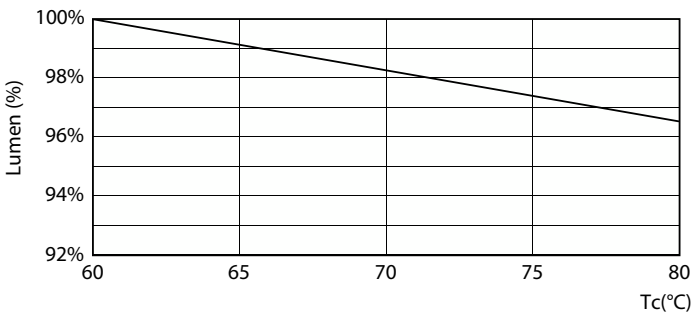
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Photometric data

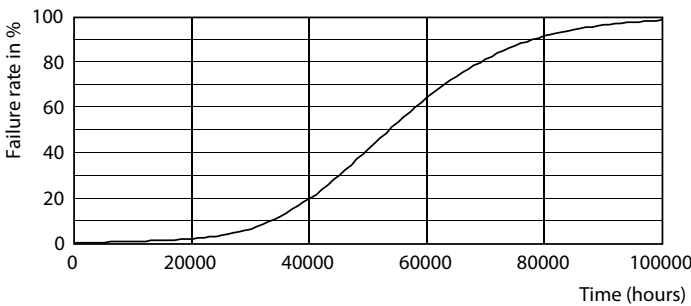


Spectral Power Distribution Colour - CorePro LEDtube 1200mm HO 18W 865 T8

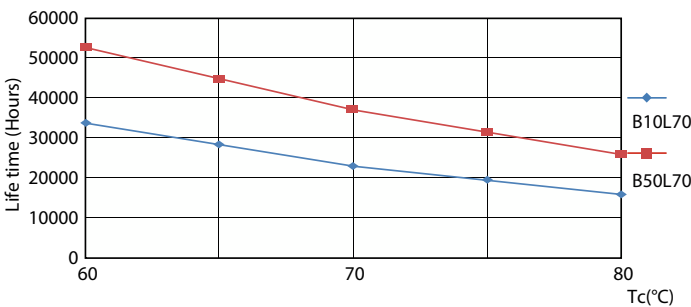
Lifetime



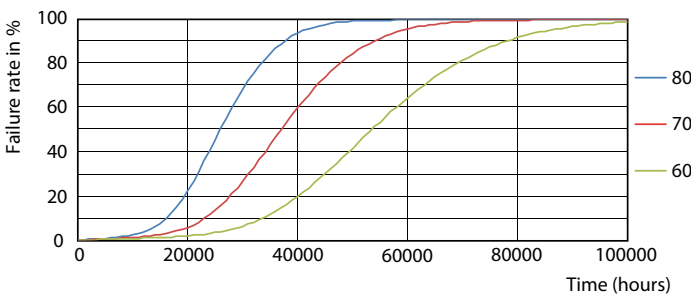
Lumen Maintenance Diagram - CorePro LEDtube 1200mm HO 18W 865 T8



Life Expectancy Diagram - CorePro LEDtube 1200mm HO 18W 865 T8



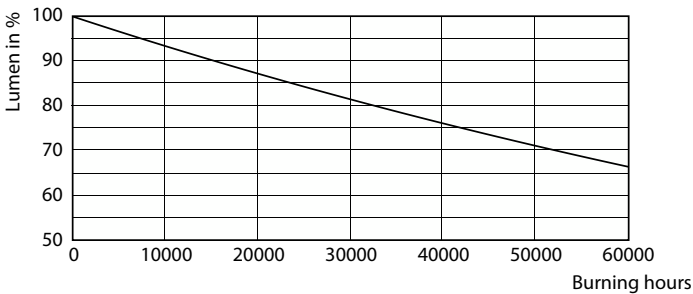
Life Expectancy Diagram - CorePro LEDtube 1200mm HO 18W 865 T8



Life Expectancy Diagram - CorePro LEDtube 1200mm HO 18W 865 T8

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Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1200mm HO 18W 865 T8

