



# CorePro LEDtube EM/ Mains T8

## CorePro LEDtube 1200mm HO 18W 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

• -

### Product data

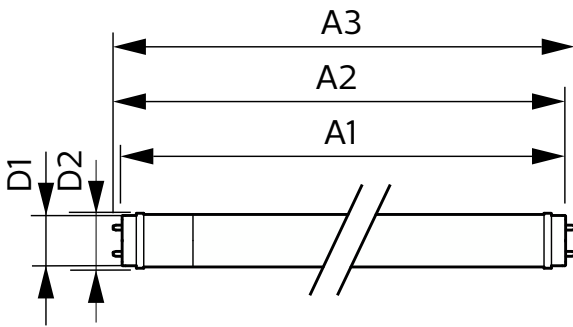
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		70 %
Nominal lifetime	50,000 hour(s)	Flickering value (PstLM)	1
Switching Cycle	200,000	Stroboscopic effect value (SVM)	0.9
Lighting Technology	LED	Photobiological safety according to EN 62471 RGO	
Flux 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	18 W
Color Code	840 [CCT of 4000K]	Lamp Current (Nom)	90 mA
Beam Angle (Nom)	240 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	2,000 lumen	Warm-up time to 60% light	0.5 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	111 lm/W	LED alternative to fluorescent lamp power	36 W
Color Consistency	<6	Temperature	
Color rendering index (CRI)	80	Ambient temperature range	-20 °C to 45 °C

# CorePro LEDtube EM/Mains T8

T-Case Maximum (Nom)	50 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh

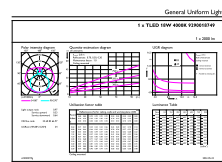
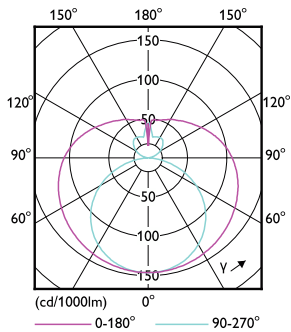
EPREL Registration Number	1384712
<b>Product Data</b>	
Full product code	871869680613500
Order product name	CorePro LEDtube 1200mm HO 18W 840 T8
Order code	80613500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001874902
Full product name	CorePro LEDtube 1200mm HO 18W 840 T8
EAN/UPC - Case	8718696806142
EAN/UPC - Product/Case	8718696806135

## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HO 18W 840 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data

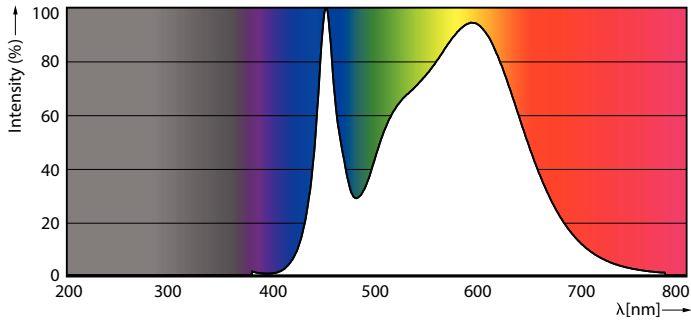


Light Distribution Diagram - CorePro LEDtube 1200mm HO 18W 840 T8

General uniform lighting - CorePro LEDtube 1200mm HO 18W 840 T8

# CorePro LEDtube EM/Mains T8

## Photometric data

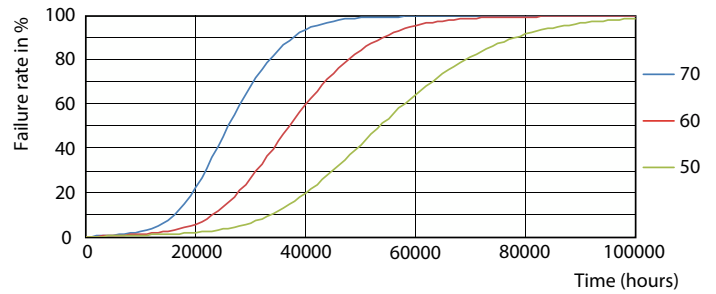


Spectral Power Distribution Colour - CorePro LEDtube 1200mm HO 18W 840 T8

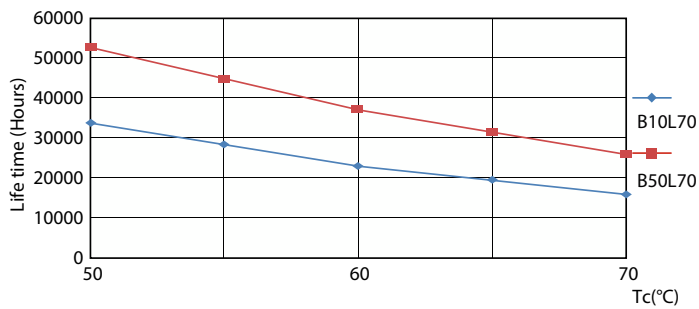
## Lifetime



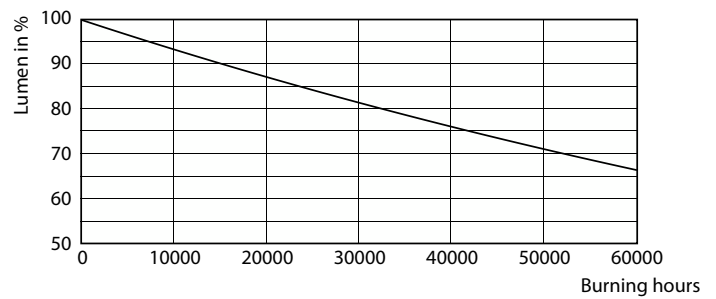
Life Expectancy Diagram - CorePro LEDtube 1200mm HO 18W 840 T8



Life Expectancy Diagram - CorePro LEDtube 1200mm HO 18W 840 T8



Life Expectancy Diagram - CorePro LEDtube 1200mm HO 18W 840 T8



Lumen Maintenance Diagram - CorePro LEDtube 1200mm HO 18W 840 T8

## CorePro LEDtube EM/Mains T8

