



# CorePro LEDtube EM/ Mains T8

## CorePro LEDtube 1200mm 14.5W840

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)	30000 h
Switching Cycle	200000X
Flux measurement reference	Sphere

Light Technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
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Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	14.5 W
Lamp Current (Nom)	70 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V

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

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T-Case Maximum (Nom)	40 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended

## Approval and Application

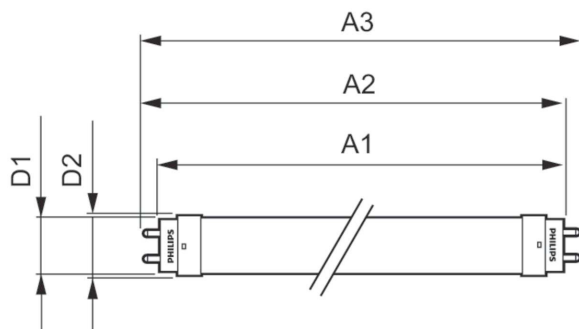
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	15 kWh
EPREL Registration Number	467308

## Product Data

Full product code	871951432535700
Order product name	CorePro LEDtube 1200mm 14.5W840
EAN/UPC - Product	8719514325357
Order code	929003022302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003022302
Net Weight (Piece)	0.215 kg

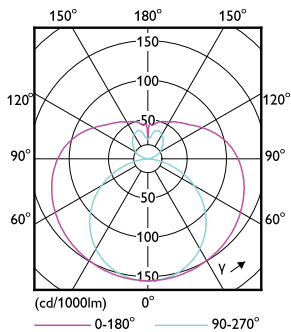
## Dimensional drawing



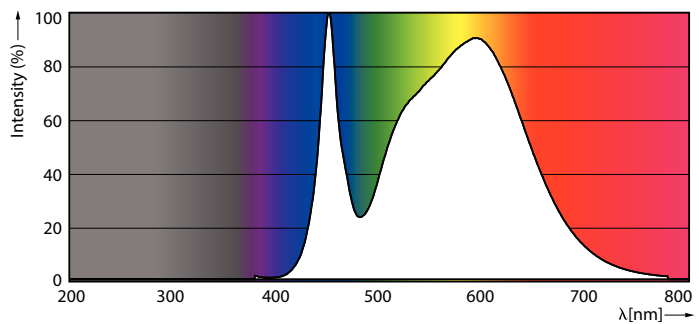
T8 Corepro 220-240V 14.5W 1600lm 4000K

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 14.5W840	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

## Photometric data



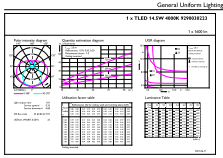
LEDtube COR 1 14,5W G13 1600lm-LDD



LEDtube COR 1 14,5W G13 1600lm 840-POC

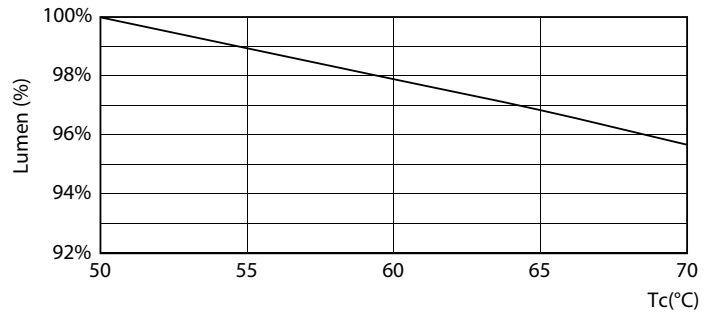
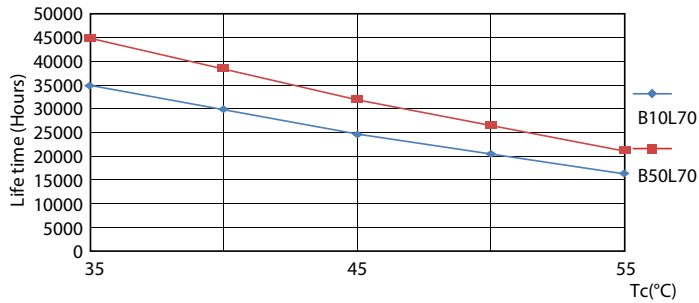
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## Photometric data

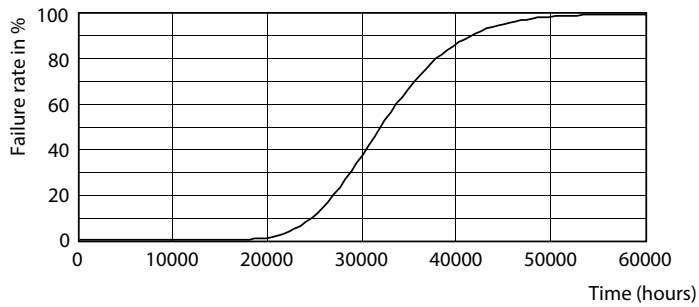


LEDtube COR 114,5W G13 1600lm 840-GUL

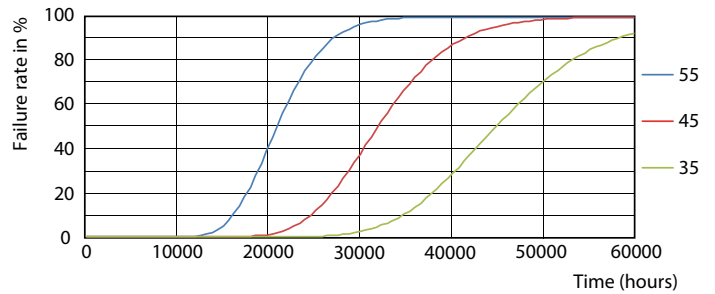
## Lifetime



LEDtube COR 114,5W 30K LifetimeVsTc-LED



LEDtube COR 114,5W 30K LumenVsTc-LMP

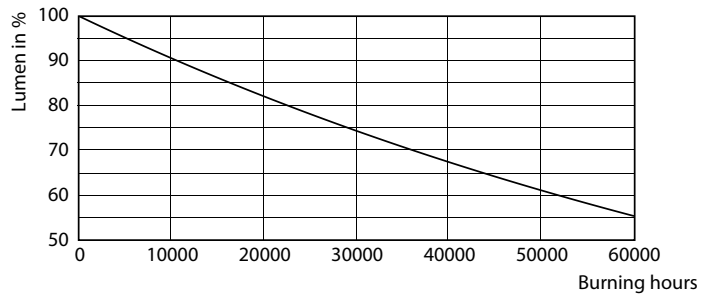


LEDtube 30K

LEDtube COR 114,5W 30K FailureRate-LED

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## Lifetime



LEDtube 30K

