



# CorePro LEDtube EM/ Mains T8

## CorePro LEDtube 1500mm 22W 840 AU

Philips CorePro LEDtubes are the quick and easy way to replace T8 fluorescent or other LED tubes with a fast pay back time. Not only does the Core range of LEDtubes require a low initial investment, but LED energy efficiency also delivers instant savings that you can bank on over a long and reliable lifetime. Plus, with the same lamp size and light distribution as fluorescent alternatives, you'll never know the difference. There are two ways to install these LED tubes: Rewire your existing fluorescent-based luminaires so the CorePro LEDtubes work directly on the Mains. Or simply change the fluorescent starter to an LED starter that can be used with your Electromagnetic ballasts.

### Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

### Product data

General information		Color Designation	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Color Designation	Cool White (CW)
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	4000 K
Nominal Lifetime (Nom)	30000 h	Luminous Efficacy (rated) (Nom)	100.00 lm/W
Switching Cycle	200000X	Color Consistency	<6
Light technical		Color Rendering Index (Nom)	80
Color Code	840 [ CCT of 4000K]	LLMF At End Of Nominal Lifetime (Nom)	70 %
Beam Angle (Nom)	240 °	Operating and electrical	
Luminous Flux (Nom)	2200 lm	Input Frequency	50 to 60 Hz
		Power (Nom)	22 W

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Lamp Current (Nom)	96 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
T-Case Maximum (Nom)	45 °C

## Controls and dimming

Dimmable	No
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## Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass

Product Length	1500 mm
Bulb Shape	Tube, single-ended

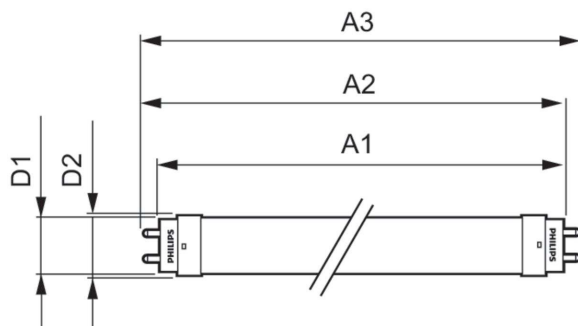
## Approval and application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh

## Product data

Full product code	871869966297400
Order product name	CorePro LEDtube 1500mm 22W 840 AU
EAN/UPC - Product	8718699662974
Order code	929001337919
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001337919
Net Weight (Piece)	0.270 kg

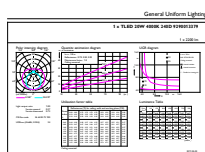
## Dimensional drawing



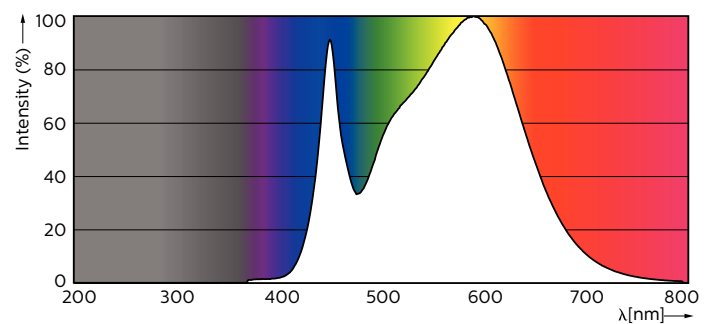
CorePro LEDtube 1500mm 22W 840 AU

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 22W 840 AU	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

## Photometric data



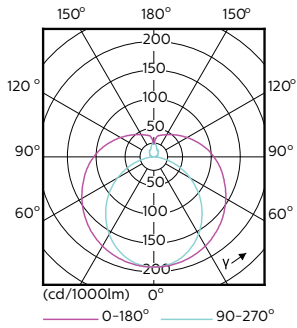
LEDtube 1500mm 20W G13 840 2200lm



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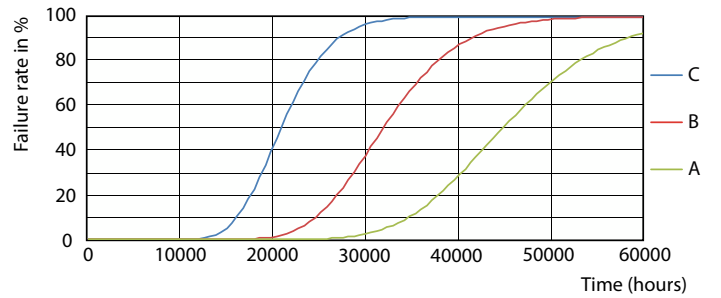
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## Photometric data

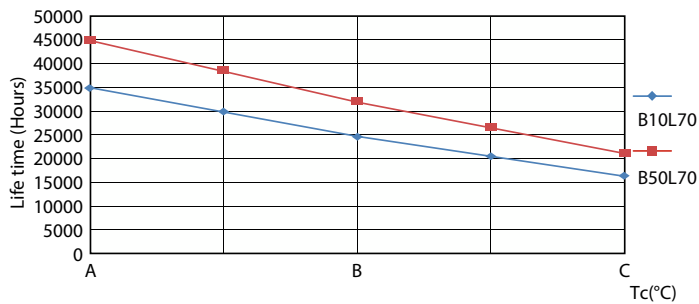


LEDtube 1500mm 20W G13 840 2200lm

## Lifetime

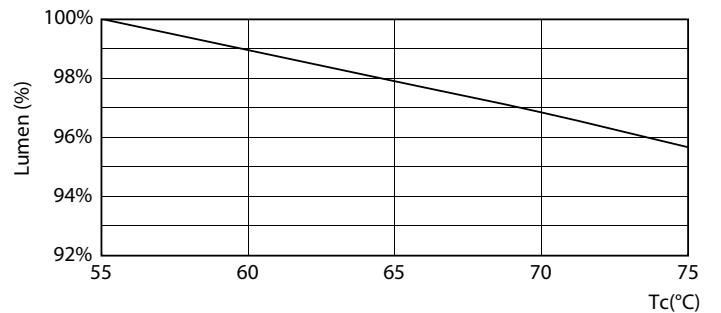


Life Expectancy Diagram



LEDtube 30K LifetimeVsTc

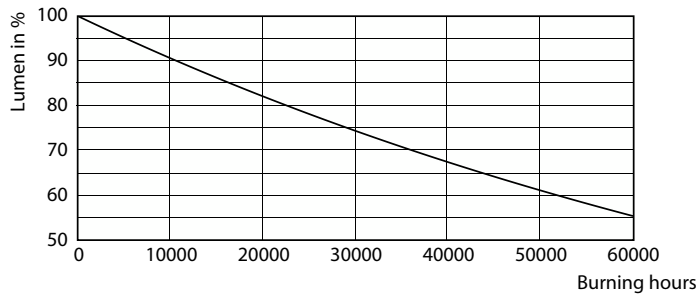
LEDtube 30K FailureRate



LEDtube COR AU 16W 30K LumenVsTc-LMP

# CorePro LEDtube EM/Mains T8

## Lifetime



Lumen Maintenance Diagram

