

CorePro LEDtube EM/ Mains T8

CorePro LEDtube 1500mm 22W 840 C

Philips CorePro LEDtubes are the quick and easy way to replace T8 fluorescent or other LED tubes with a fast pack 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	150 degree(s)

Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	22 W

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Starting Time (Nom)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C

Controls and Dimming	
Dimmable	No

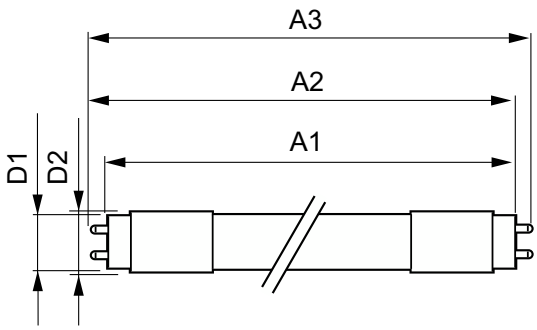
Mechanical and Housing	
Product Length	1,500 mm

Approval and Application	
Energy Saving Product	Yes

Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	22 kWh

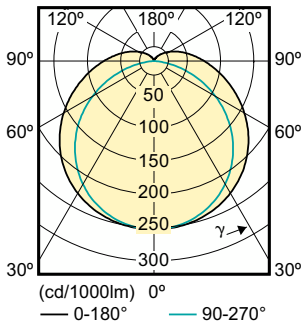
Product Data	
Order product name	CorePro LEDtube 1500mm 22W 840 C
Full product name	CorePro LEDtube 1500mm 22W 840 C
Full product code	871869648730300
Order code	929001128619
Material Nr. (12NC)	929001128619
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696487303
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696487310

Dimensional drawing

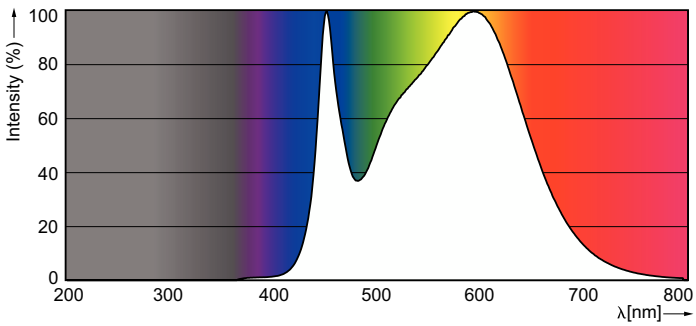


Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 22W 840 C	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm

Photometric data



Light Distribution Diagram - CorePro LEDtube 1500mm 22W 840 C



Spectral Power Distribution Colour - CorePro LEDtube 1500mm 22W 840 C

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www.lighting.philips.com
2023, December 6 - data subject to change