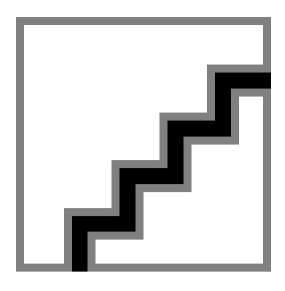
# **PHILIPS** Lighting



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# CorePro LEDtube EM/ Mains T8

# CorePro LEDtube 1200mm 15.5W 865 T8

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**

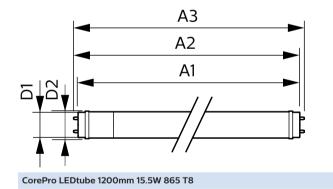
General information		Light technical	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Color Code	865 [ CCT of 6500K]
CE mark	Yes	Beam Angle (Nom)	240 °
EU RoHS compliant	Yes	Luminous Flux (Nom)	1800 lm
Nominal Lifetime (Nom)	30000 h	Color Designation	Cool Daylight
Switching Cycle	200000X	Correlated Color Temperature (Nom)	6500 K
Technical Type	LEDTECH-LOV	Luminous Efficacy (rated) (Nom)	116 lm/W
Flux measurement reference	Sphere	Color Consistency	<6
Tier	CorePro	Color Rendering Index (Nom)	80

# CorePro LEDtube EM/Mains T8

LLMF At End Of Nominal Lifetime (Nor	n) 70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	15.5 W
Lamp Current (Nom)	84 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 ℃
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and dimming	
Dimmable	No
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	16 kWh	
EPREL Registration Number	1183845	
Product data		
Full product code	871951444809400	
Order product name	CorePro LEDtube 1200mm 15.5W 865 T8	
EAN/UPC - Product	8719514448094	
Order code	929003519802	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	20	
Material Nr. (12NC)	929003519802	
Net Weight (Piece)	0.220 kg	

#### Dimensional drawing



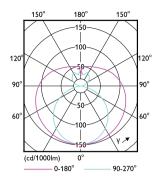
#### Product

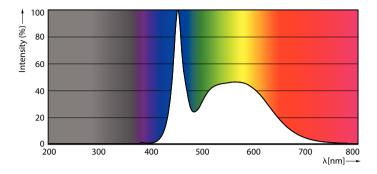
CorePro LEDtube 1200mm 15.5W 865 T8

D1 D2 A1 A2 A3

## **CorePro LEDtube EM/Mains T8**

#### Photometric data





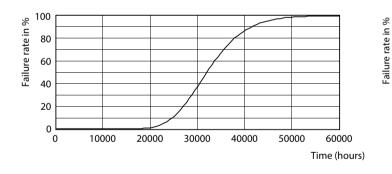
Spectral Power Distribution Colour

# Light Distribution Diagram

		1 × TLED 15.5W 4500K 9290035198	
		1 x 1000 in	
	And a second sec	GR Apper	
Time B			
Marca (1996) Marcada (1997) - M		E E E E E E E E E E E E E E E E E E E	

#### General uniform lighting

#### Lifetime



Life Expectancy Diagram

FailureRate

Time (hours)

### CorePro LEDtube EM/Mains T8

Lifetime

50

0

10000

Lumen Maintenance Diagram

20000

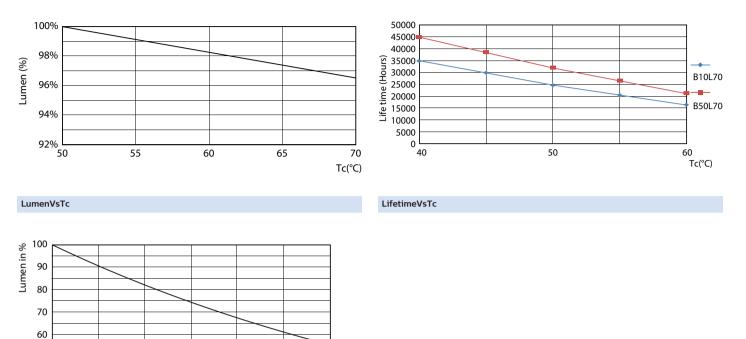
30000

40000

50000

60000

**Burning hours** 





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www.lighting.philips.com 2022, December 2 - data subject to change