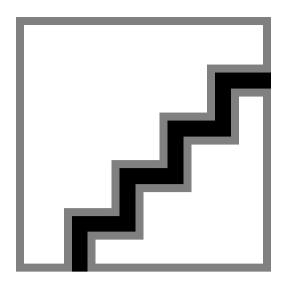
PHILIPS Lighting



A ↑ G

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

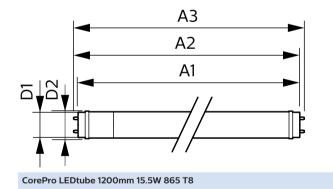
General information		Light technical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Code	865 [CCT of 6500K]
CE mark	Yes	Beam Angle (Nom)	240 °
EU RoHS compliant	Yes	Luminous Flux (Nom)	1800 lm
Nominal Lifetime (Nom)	30000 h	Color Designation	Cool Daylight
Switching Cycle	200000X	Correlated Color Temperature (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



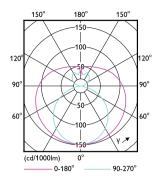
Product

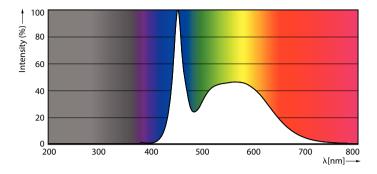
CorePro LEDtube 1200mm 15.5W 865 T8

D1 D2 A1 A2 A3

CorePro LEDtube EM/Mains T8

Photometric data





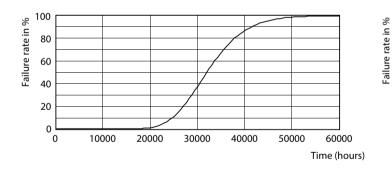
Spectral Power Distribution Colour

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

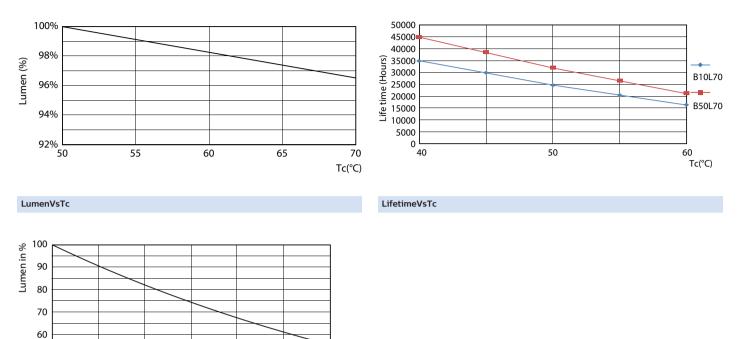
30000

40000

50000

60000

Burning hours





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