



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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	200000X
Technical Type	LEDTECH-LOV
Flux measurement reference	Sphere
Light technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1800 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	116 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)	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 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C

Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass

Product Length

Product Length	1200 mm
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Bulb Shape

Bulb Shape	Tube, double-ended
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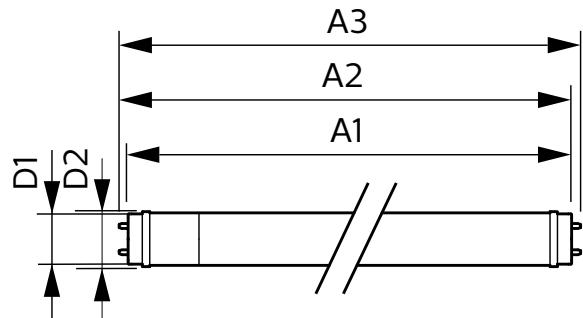
Approval and application

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

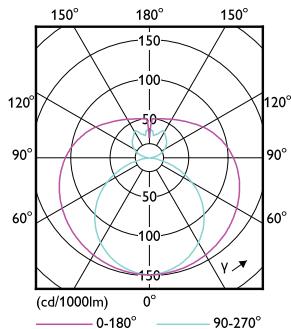


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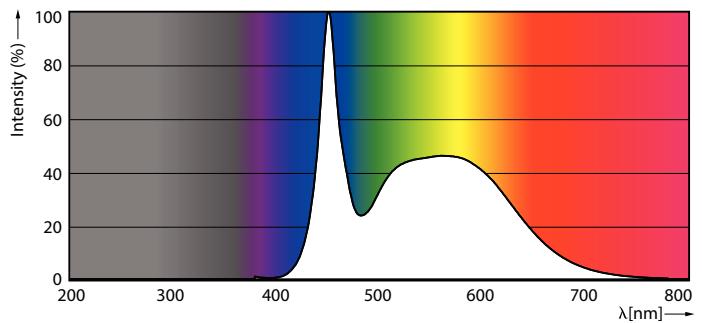
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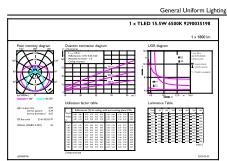
Photometric data



Light Distribution Diagram

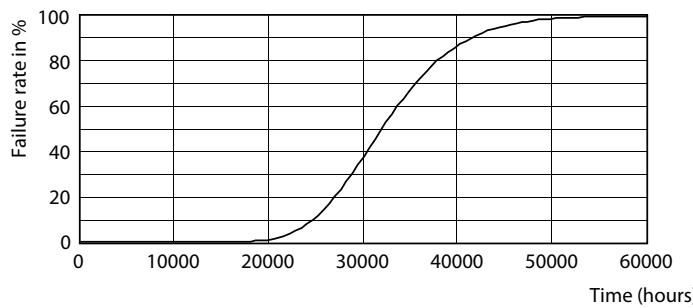


Spectral Power Distribution Colour

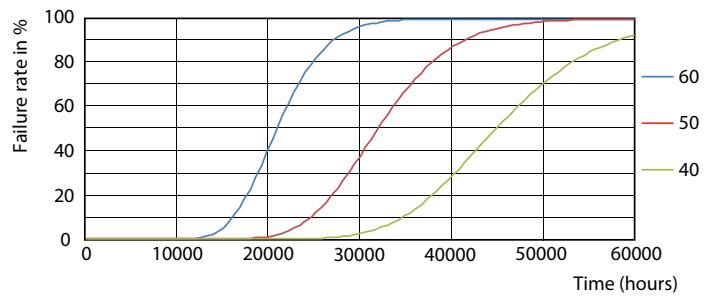


General uniform lighting

Lifetime



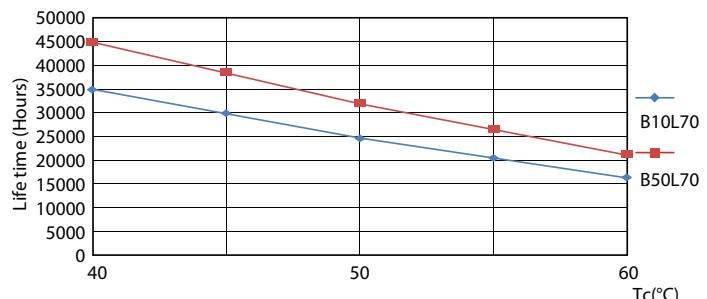
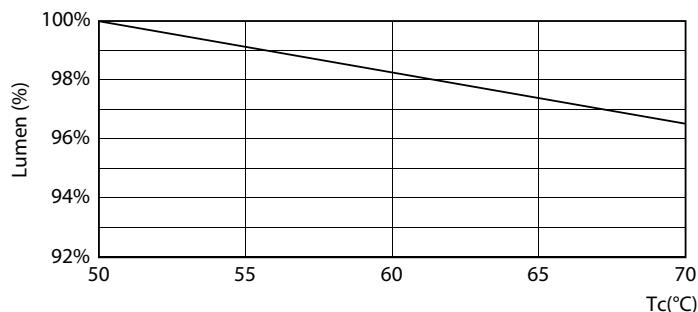
Life Expectancy Diagram



FailureRate

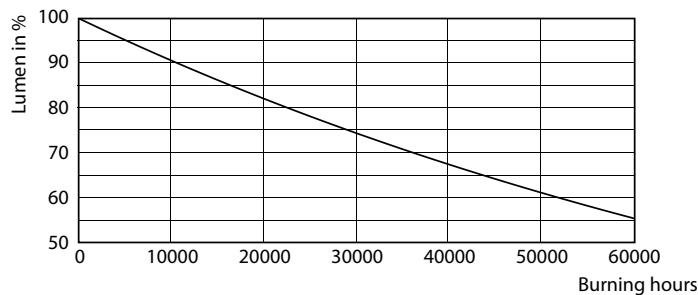
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Lifetime



LumenVsTc

LifetimeVsTc



Lumen Maintenance Diagram

