



CorePro LEDtube EM/ Mains T8

CorePro LEDtube HO 1200mm 18W865 VWV 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		Color Designation	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Designation	Cool Daylight
Nominal lifetime	30,000 hour(s)	Correlated Color Temperature (Nom)	6500 K
Switching Cycle	200,000	Luminous Efficacy (rated) (Nom)	116.00 lm/W
Lighting Technology	LED	Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	865 [CCT of 6500K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	240 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	2,100 lumen		

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Power Consumption	18 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	100-277 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	Tube, double-ended

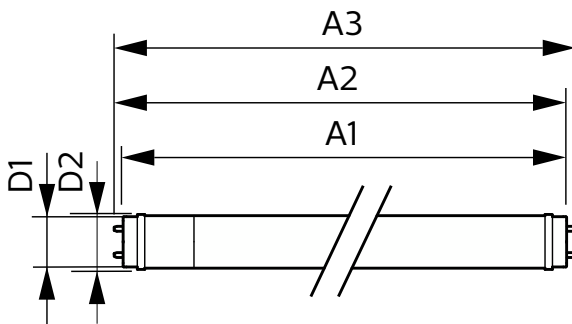
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes

Product Data

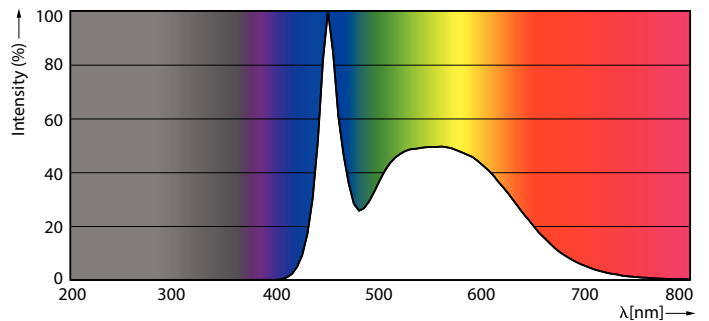
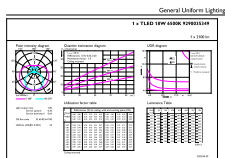
Full product code	871951445312800
Order product name	CorePro LEDtube HO 1200mm 18W865 VWV T8
Order code	929003534911
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003534911
Full product name	CorePro LEDtube HO 1200mm 18W865 VWV T8
EAN/UPC - Case	8719514453135

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube HO 1200mm 18W865 VWV T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

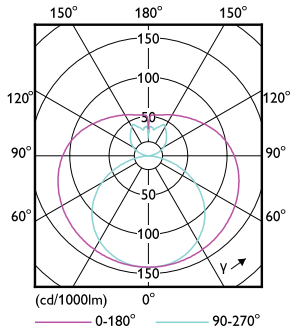
Photometric data



Spectral Power Distribution Colour - CorePro LEDtube HO 1200mm 18W865 VWV T8

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Photometric data

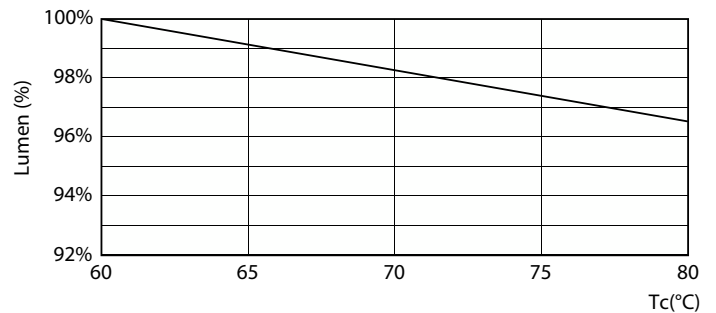


Light Distribution Diagram - CorePro LEDtube HO 1200mm 18W865 VWV T8

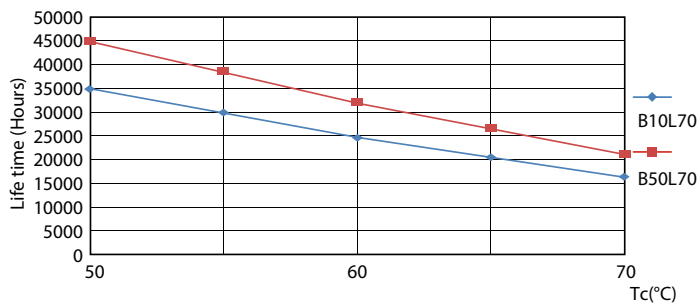
Lifetime



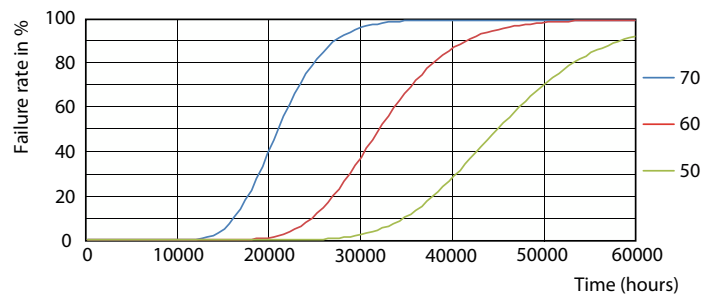
Life Expectancy Diagram - CorePro LEDtube HO 1200mm 18W865 VWV T8



Lumen Maintenance Diagram - CorePro LEDtube HO 1200mm 18W865 VWV T8



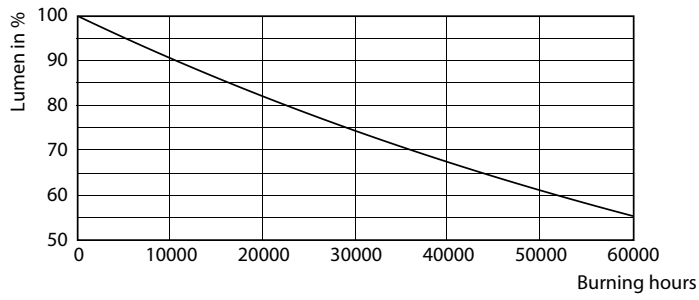
Life Expectancy Diagram - CorePro LEDtube HO 1200mm 18W865 VWV T8



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Lifetime



Lumen Maintenance Diagram - CorePro LEDtube HO 1200mm 18W865 VWV T8

