



CorePro LED tube EM/ Mains T8

CorePro LEDtube 600mm HO 8W 865 T8 CN

LEDtube, T8, 600 mm, 8 W, 6500 K, 900 lm, 50000 hour(s)

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	Color Code	865 [CCT of 6500K]
Nominal lifetime	50,000 hour(s)	Beam Angle (Nom)	240 degree(s)
Switching Cycle	200,000	Luminous Flux	900 lm
Lighting Technology	LEDtube	Color Designation	Cool Daylight
		Correlated Color Temperature (Nom)	6500 K
		Luminous Efficacy (rated) (Nom)	112 lm/W

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Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Nom)	45 mA
Wattage Equivalent	18 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	50 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T8

Net Weight (Piece)	0.120 kg
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Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

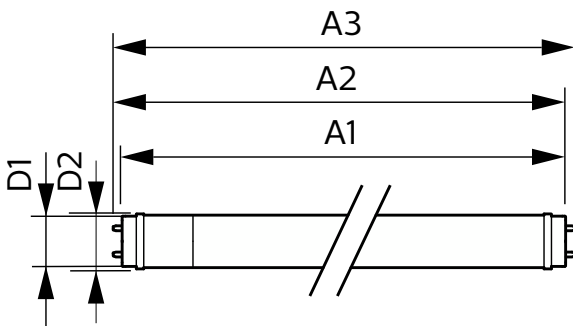
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	CorePro LEDtube 600mm HO 8W 865 T8 CN
Full product name	CorePro LEDtube 600mm HO 8W 865 T8 CN
Full product code	694197064905600
Order code	929003158710
Material Nr. (12NC)	929003158710
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6941970649056
Numerator - Packs per outer box	20
EAN/UPC - Case	6941970649063

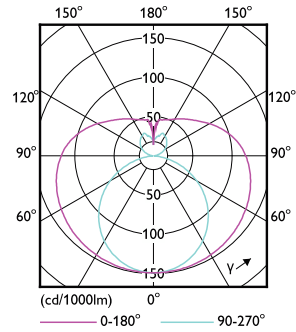
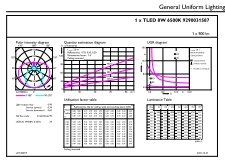
Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm HO 8W 865 T8 CN	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

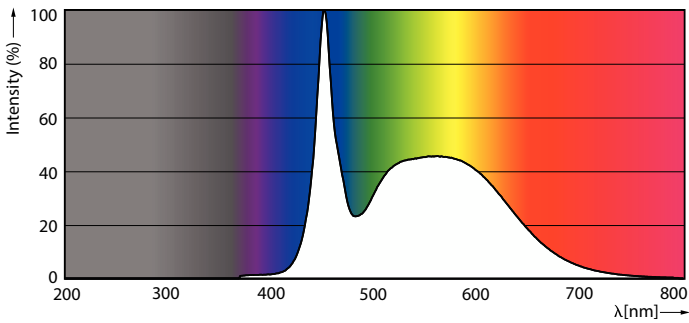
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Photometric data



General uniform lighting - CorePro LEDtube 600mm HO 8W 865 T8 CN

Light Distribution Diagram - CorePro LEDtube 600mm HO 8W 865 T8 CN

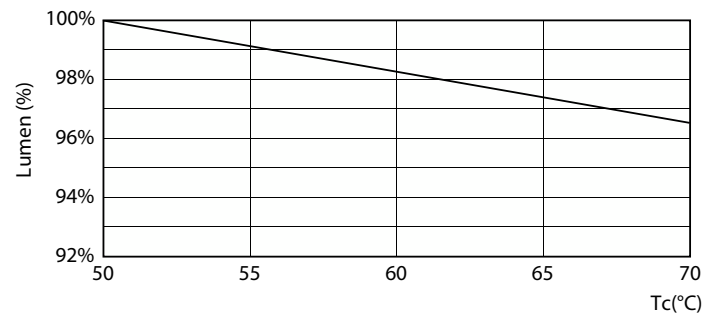


Spectral Power Distribution Colour - CorePro LEDtube 600mm HO 8W 865 T8 CN

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube 600mm HO 8W 865 T8 CN

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Lifetime



FailureRate

LifetimeVsTc



Lumen Maintenance Diagram - CorePro LEDtube 600mm HO 8W 865 T8 CN

