



# Essential LED tubes T8 Mains

## CorePro LEDtube 600mm 9W 865 T8 C W G

The Essential LEDtube is an affordable LED solution suitable for an easy replacement of T8 fluorescent lamps. Thanks to a unique design, Philips Essential LED tube T8 Mains can be directly installed in luminaires operating on mains power connection. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

### Product data

General Information		Power (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		9 W
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Nominal Lifetime (Nom)	30000 h	Warm Up Time to 60% Light (Nom)	instant full light
Switching Cycle	50000X	Power Factor (Nom)	0.92
		Voltage (Nom)	100-240 V
Light Technical		Temperature	
Color Code	865 [ CCT of 6500K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	240 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	900 lm	T-Storage (Max)	65 °C
Color Designation	Cool Daylight	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	6500 K	T-Case Maximum (Nom)	70 °C
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color Rendering Index (Nom)	82	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	600 mm
Operating and Electrical			
Input Frequency	50 to 60 Hz		

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## Approval and Application

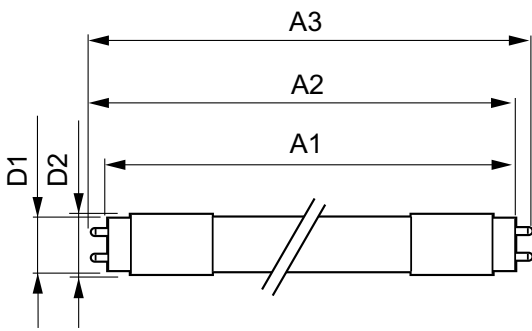
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh

## Product Data

Full product code	871869668299901
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Order product name	CorePro LEDtube 600mm 9W 865 T8 C W G
EAN/UPC - Product	8718696682999
Order code	929001194772
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001194772
Net Weight (Piece)	0.120 kg

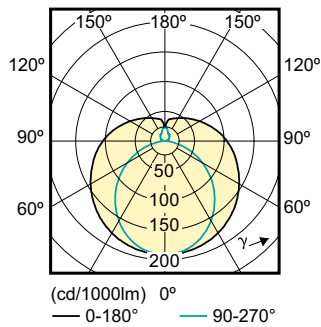
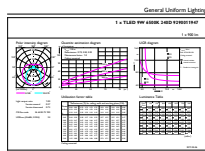
## Dimensional drawing



LEDtube 600mm 9W/865 T8C WG

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 9W 865 T8 C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604.0 mm

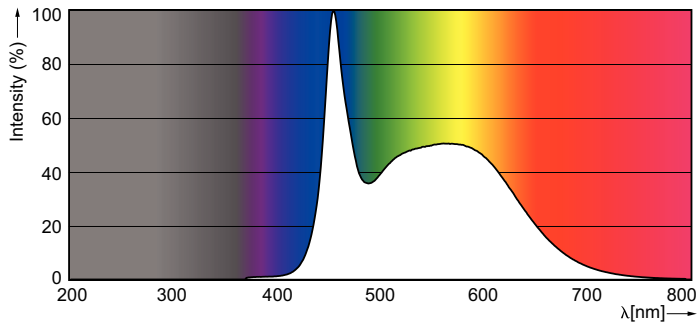
## Photometric data



Essential LEDtube 9W G13 6500K 240D

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## Photometric data



SDPO\_MLEDGA\_0075-Spectral Power distribution

