



# Essential LED tubes T8 Mains

## CorePro LEDtube 600mm 9W 840 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		Starting Time (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		0.5 s
RoHS mark	RoHS mark	Warm Up Time to 60% Light (Nom)	instant full light
Main Application	Industrial	Power Factor (Nom)	0.92
Nominal Lifetime (Nom)	25000 h	Voltage (Nom)	100-240 V
Switching Cycle	50000X	Temperature	
B50L70	25000 h	T-Ambient (Max)	45 °C
Light Technical		T-Ambient (Min)	-20 °C
Color Code	840 [ CCT of 4000K]	T-Storage (Max)	65 °C
Luminous Flux (Rated) (Nom)	900 lm	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	70 °C
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	82	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Product Length	600 mm
Input Frequency	50 to 60 Hz		
Power (Nom)	9 W		

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## Approval and Application

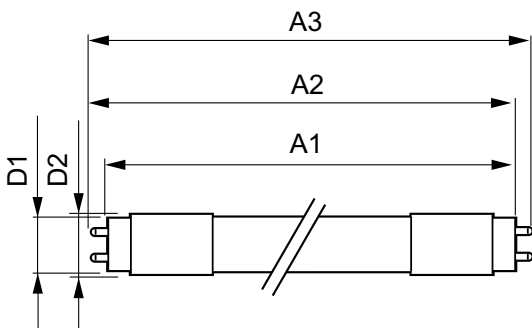
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh

## Product Data

Full product code	871869668297501
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Order product name	CorePro LEDtube 600mm 9W 840 T8 C W G
EAN/UPC - Product	8718696682975
Order code	929001194672
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001194672
Net Weight (Piece)	0.120 kg

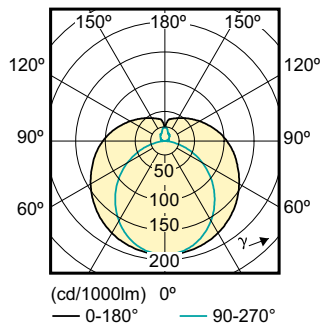
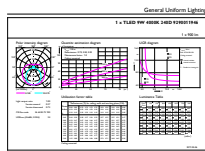
## Dimensional drawing



LEDtube 600mm 9W/840 T8C WG

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 9W 840 T8 C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604.0 mm

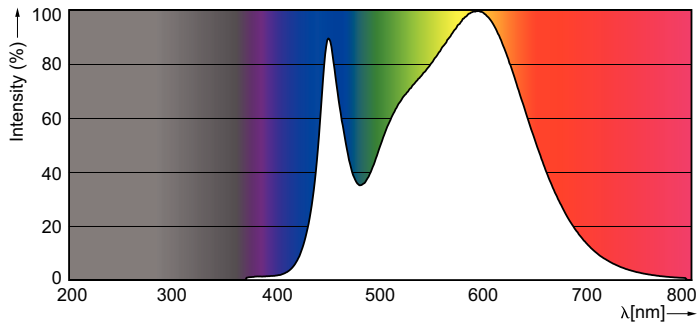
## Photometric data



Essential LEDtube 9W G13 4000K 240D

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### Photometric data



SDPO\_MLEDGA\_0074-Spectral Power distribution

