



# Essential LED tubes T8 Mains

## CorePro LEDtube 1200mm 18W 840 T8C 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

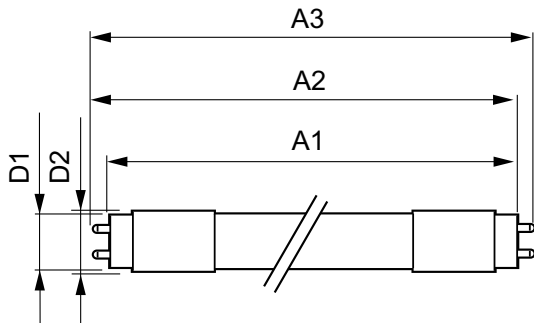
General Information		Power Factor (Nom)		0.92	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Voltage (Nom)		100–240 V	
EU RoHS compliant	Yes	Temperature			
Nominal Lifetime (Nom)	30000 h	T-Ambient (Max)	45 °C		
Switching Cycle	50000X	T-Ambient (Min)	-20 °C		
Light Technical		T-Storage (Max)	65 °C		
Color Code	840 [ CCT of 4000K]	T-Storage (Min)	-40 °C		
Luminous Flux (Nom)	1850 lm	T-Case Maximum (Nom)	70 °C		
Correlated Color Temperature (Nom)	4000 K	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	1200 mm		
Operating and Electrical		Approval and Application			
Input Frequency	50 to 60 Hz	Energy Efficiency Label (EEL)	A+		
Power (Nom)	18 W	Energy Saving Product	Yes		
Starting Time (Nom)	0.5 s				
Warm Up Time to 60% Light (Nom)	instant full light				

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Suitable For Accent Lighting	No
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh
<b>Product Data</b>	
Full product code	871869668291301
Order product name	CorePro LEDtube 1200mm 18W 840 T8C W G

EAN/UPC - Product	8718696682913
Order code	929001193972
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001193972
Net Weight (Piece)	0.215 kg

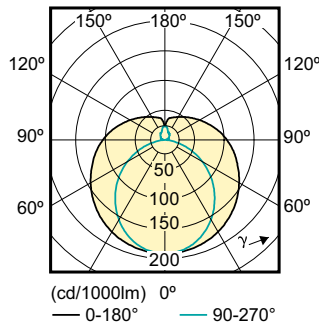
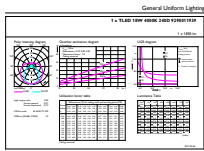
## Dimensional drawing



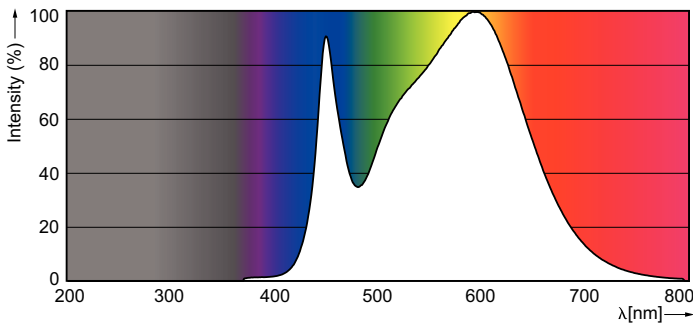
LEDtube 1200mm 18W/840 T8C WG

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 18W 840 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm

## Photometric data



Essential LEDtube 18W G13 4000K 240D



SDPO\_MLEDGA\_0072-Spectral Power distribution

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