



Essential LED tubes T8 Mains

ESSENTIAL 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
B50L70	30000 h

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1850 lm
Luminous Flux (Rated) (Nom)	1850 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz

Power (Rated) (Nom)	18 W
Lamp Current (Nom)	72 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light s
Power Factor (Nom)	0.92
Voltage (Nom)	100-240 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C

Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Product Length 1200 mm

Approval and Application

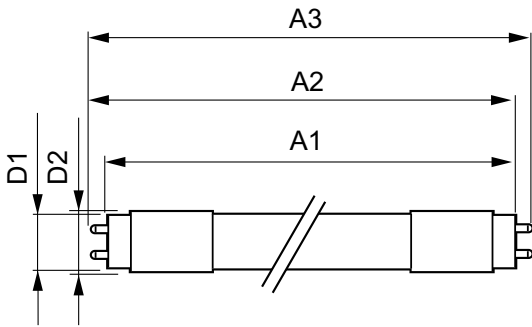
Energy Efficiency Label (EEL) A+
 Energy Saving Product Yes
 Suitable For Accent Lighting No
 Approval Marks CE marking UL certificate RoHS compliance
 KEMA Keur certificate
 Energy Consumption kWh/1000 h 18 kWh

Product Data

Full product code 871869652795500

Order product name	ESSENTIAL LEDtube 1200mm 18W 840 T8C W G
EAN/UPC - Product	8718696527955
Order code	929001193911
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001193911
Net Weight (Piece)	0.215 kg

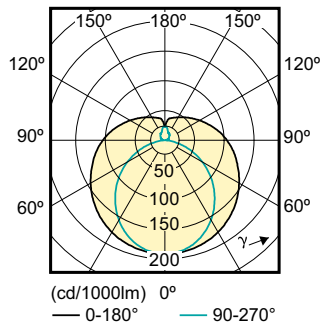
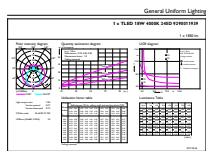
Dimensional drawing



LEDtube 1200mm 18W/840 T8C WG

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

Photometric data

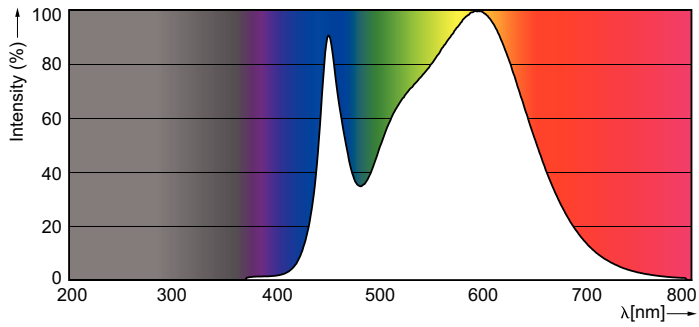


Essential LEDtube 18W G13 4000K 240D

LEDtube 1200mm 18 W T8 C W G

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Photometric data



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