



# Essential LEDtube

## ESSENTIAL LEDtube 1200mm 18W 840 T8I W G

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. 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]
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,850 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	18 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.92

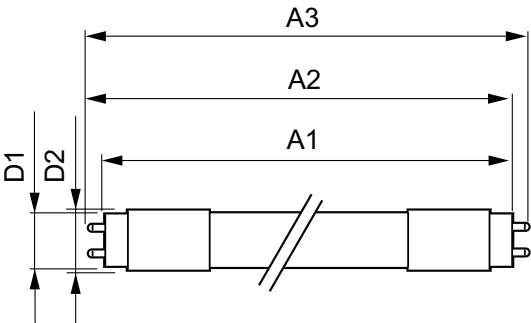
Voltage (Nom)		100–240 V
Temperature		
Ambient temperature range	–20 °C to 45 °C	
T-Case Maximum (Nom)	70 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Product Length	1,200 mm	
Approval and Application		
Energy Saving Product	Yes	
Suitable For Accent Lighting	No	
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate	
Energy Consumption kWh/1000 h	18 kWh	
Product Data		
Order product name	ESSENTIAL LEDtube 1200mm 18W 840 T8I W G	

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Full product name	ESSENTIAL LEDtube 1200mm 18W 840 T8I W G
Full product code	871869652823500
Order code	929001193915
Material Nr. (12NC)	929001193915
Numerator - Quantity Per Pack	1

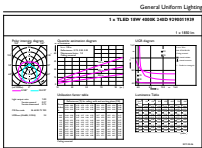
EAN/UPC - Product/Case	8718696528235
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696528242

Dimensional drawing



Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 18W 840 T8I W G	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm

Photometric data



General uniform lighting - ESSENTIAL LEDtube 1200mm 18W 840 T8I W G

Light Distribution Diagram - ESSENTIAL LEDtube 1200mm 18W 840 T8I W G



Spectral Power Distribution Colour - ESSENTIAL LEDtube 1200mm 18W 840 T8I W G

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