

# **Essential LEDtube**

# ESSENTIAL LEDtube 1200mm 18W 865 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	865 [CCT of 6500K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	1,850 lm				
Correlated Color Temperature (Nom)	6500 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 ℃			
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 865 T8I W			
	G			

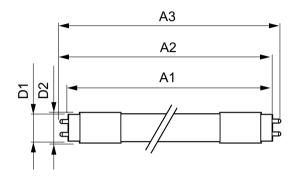
Datasheet, 2023, December 6 data subject to change

## **Essential LEDtube**

Full product name	ESSENTIAL LEDtube 1200mm 18W 865 T8I W				
	G				
Full product code	871869652825900				
Order code	929001194515				
Material Nr. (12NC)	929001194515				
Numerator - Ouantity Per Pack	1				

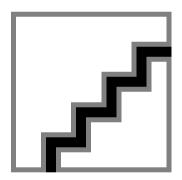
EAN/UPC - Product/Case	8718696528259		
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696528266		

#### Dimensional drawing



Product	D1	D2	A1	A2	А3
ESSENTIAL LEDtube 1200mm	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm
18W 865 T8I W G					

#### Photometric data







Light Distribution Diagram - ESSENTIAL LEDtube 1200mm 18W 865 T8I W G

Spectral Power Distribution Colour - ESSENTIAL LEDtube 1200mm 18W 865 T8I W G

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