

Essential LEDtube

ESSENTIAL LEDtube 600mm 10W865 T8 AP I

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)	150 degree(s)				
Luminous Flux	800 lm				
Correlated Color Temperature (Nom)	6500 K				
Color Consistency	<6				
Color rendering index (CRI)	80				
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	9 W				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	Instant full light s				
Power Factor (Fraction)	0.9				

Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 35 °C			
T-Case Maximum (Nom)	53 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	600 mm			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	9 kWh			
Product Data				
Order product name	ESSENTIAL LEDtube 600mm 10W865 T8 AP I			
Full product name	ESSENTIAL LEDtube 600mm 10W865 T8 AP I			
Full product code	871829124636700			

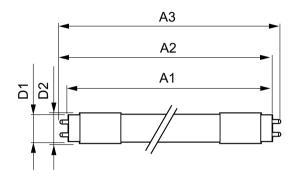
Datasheet, 2023, December 6 data subject to change

Essential LEDtube

Order code	929000296908
Material Nr. (12NC)	929000296908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291246367

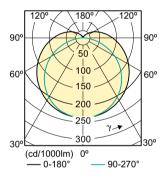
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291246374

Dimensional drawing

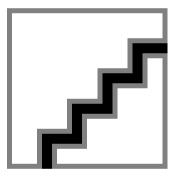


Product	D1	D2	A1	A2	А3
ESSENTIAL LEDtube 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
10W865 T8 AP I					

Photometric data







Spectral Power Distribution Colour - ESSENTIAL LEDtube $600 mm \, 10W865$ T8 AP I



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