



Essential LEDtube

ESSENTIAL LEDtube 600mm 9W865 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						

Walta as (Name)	220 240 1/				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	53 °C				
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 9W865 T8 AP I				
Full product name	ESSENTIAL LEDtube 600mm 9W865 T8 AP I				
Full product code	871869642518300				

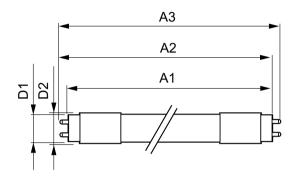
Datasheet, 2023, April 29 data subject to change

Essential LEDtube

Order code	42518300	
Material Nr. (12NC)	929001128108	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696425183	

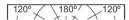
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696425190

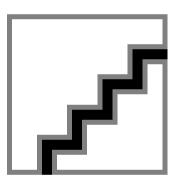
Dimensional drawing



Product	D1	D2	A1	A2	А3
ESSENTIAL LEDtube 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
9W865 T8 AP I					

Photometric data





Light Distribution Diagram - ESSENTIAL LEDtube 600mm 9W865 T8 AP I

Spectral Power Distribution Colour - ESSENTIAL LEDtube 600mm 9W865 T8 AP I



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