

Lighting

PHILIPS

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				

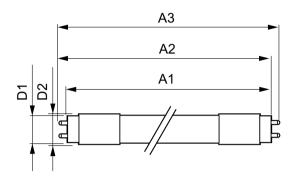
Voltage (Nom)	220-240 V					
Temperature						
Ambient temperature range	-20 °C to 35 °C					
T-Case Maximum (Nom)	53 ℃					
Controls and Dimming						
Dimmable	No					
Mechanical and Housing						
Product Length	600 mm					
Approval and Application						
Energy Saving Product	Yes					
Suitable For Accent 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					

Essential LEDtube

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

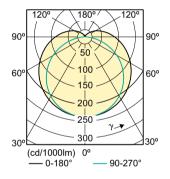
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291246374

Dimensional drawing

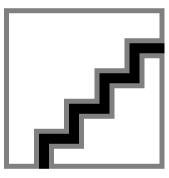


Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
10W865 T8 AP I					

Photometric data



Light Distribution Diagram - ESSENTIAL LEDtube 600mm 10W865 T8 AP I



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



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