PHILIPS

Lighting

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Essential LEDtube

ESSENTIAL LEDtube 600mm 9W840 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	840 [CCT of 4000K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	800 lm			
Correlated Color Temperature (Nom)	4000 K			
Color Consistency	<6			
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Executer of				

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	

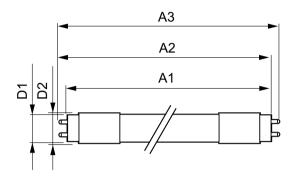
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	53 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	600 mm			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	9 kWh			
Product Data				
Order product name	ESSENTIAL LEDtube 600mm 9W840 T8 AP I			
Full product name	ESSENTIAL LEDtube 600mm 9W840 T8 AP I			
Full product code	871869642516900			

Essential LEDtube

Order code	42516900
Material Nr. (12NC)	929001128008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696425169

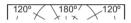
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696425176		

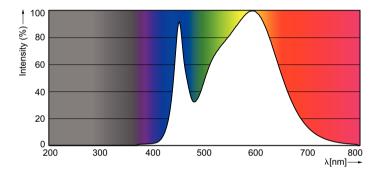
Dimensional drawing



Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 600mm	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
9W840 T8 AP I					

Photometric data





Light Distribution Diagram - ESSENTIAL LEDtube 600mm 9W840 T8 AP I

Spectral Power Distribution Colour - ESSENTIAL LEDtube 600mm 9W840 T8 AP I



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