



Essential LEDtube

ESSENTIAL LEDtube 1200mm 20W865 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	1,600 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	18 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 ℃		
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 RoHS compliance KEMA Keur		
	certificate		
Energy Consumption kWh/1000 h	18 kWh		
Product Data			
Order product name	ESSENTIAL LEDtube 1200mm 20W865 T8 AP I		
Full product name	ESSENTIAL LEDtube 1200mm 20W865 T8 AP I		
Full product code	871829124632900		

Datasheet, 2023, December 6 data subject to change

Essential LEDtube

Order code	929000296708
Material Nr. (12NC)	929000296708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291246329

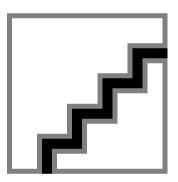
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291246336

Dimensional drawing

Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
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Photometric data

120° / \ 180°/ \ .120°]



Light Distribution Diagram - ESSENTIAL LEDtube 1200mm 20W865 T8 AP I

Spectral Power Distribution Colour - ESSENTIAL LEDtube 1200mm 20W865 T8 AP I



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