



Essential LEDtube

ESSENTIAL LEDtube 1200mm 20W740 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

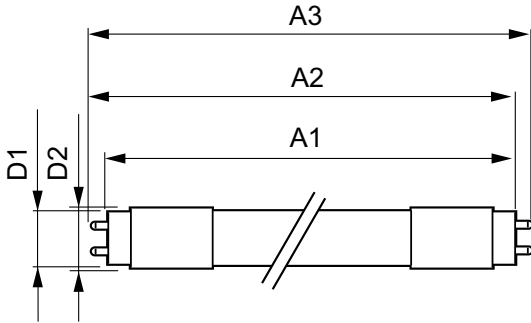
General Information		Voltage (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	220-240 V	
Nominal lifetime	30,000 hour(s)	Temperature	
Switching Cycle	50,000	Ambient temperature range	-20 °C to 45 °C
Lighting Technology	LED	T-Case Maximum (Nom)	53 °C
EU RoHS compliant	Yes	Controls and Dimming	
Light Technical		Dimmable	No
Color Code	840 [CCT of 4000K]	Mechanical and Housing	
Beam Angle (Nom)	150 degree(s)	Product Length	1,200 mm
Luminous Flux	1,600 lm	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Energy Saving Product	Yes
Color Consistency	<6	Suitable For Accent Lighting	No
Color rendering index (CRI)	80	Approval Marks	CE marking RoHS compliance KEMA Keur certificate
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Consumption kWh/1000 h	18 kWh
Operating and Electrical		Product Data	
Line Frequency	50 to 60 Hz	Order product name	ESSENTIAL LEDtube 1200mm 20W840 T8 AP I
Input Frequency	50 to 60 Hz	Full product name	ESSENTIAL LEDtube 1200mm 20W740 T8 AP I
Power Consumption	18 W	Full product code	871829124630500
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	Instant full light s		
Power Factor (Fraction)	0.9		

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Order code	24630500
Material Nr. (12NC)	929000296608
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291246305

Numerator - Packs per outer box	10
EAN/UPC - Case	8718291246312

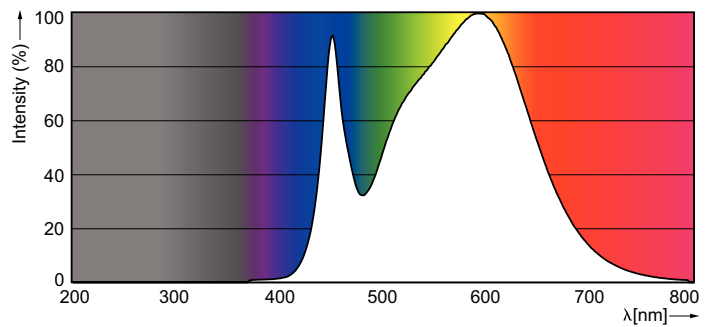
Dimensional drawing



Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 20W840 T8 AP I	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data

120° / 180° / 120°



Light Distribution Diagram - ESSENTIAL LEDtube 1200mm 20W840 T8 AP I

Spectral Power Distribution Colour - ESSENTIAL LEDtube 1200mm 20W840 T8 AP I

