



Essential LEDtube

ESSENTIAL LEDtube 1200mm 18W840 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

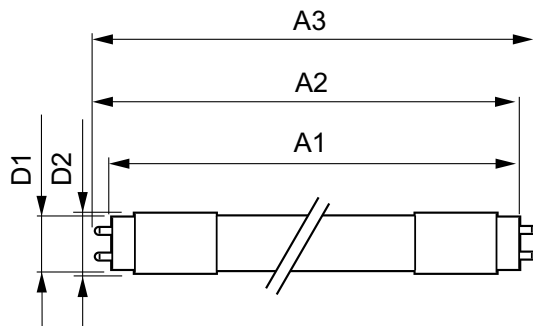
General Information		Warm-up time to 60% light (nom.)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		instant full light s
Main application	Industrial	Power factor (nom.)	0.9
Nominal lifetime (nom.)	30000 h	Voltage (Nom)	220–240 V
Switching cycle	50000X	Temperature	
B50L70	30000 h	T ambient (max.)	45 °C
Light Technical		T ambient (min.)	-20 °C
Colour code	841 [CCT of 4100K (841)]	T storage (max.)	65 °C
Beam Angle (Nom)	150 °	T storage (min.)	-40 °C
Luminous flux (nom.)	1600 lm	T-Case maximum (nom.)	53 °C
Luminous flux (rated) (nom.)	1600 lm	Controls and Dimming	
Rated beam angle	150 °	Dimmable	No
Correlated colour temperature (nom.)	4000 K	Mechanical and Housing	
Colour consistency	<6	Product length	1200 mm
Color rendering index (nom.)	80	Approval and Application	
LLMF at end of nominal lifetime (nom.)	70 %	Energy efficiency label (EEL)	A+
Operating and Electrical		Energy-saving product	Yes
Input frequency	50 to 60 Hz	Suitable for accent lighting	No
Power (Rated) (Nom)	18 W	Approval marks	CE marking RoHS compliance KEMA Keur certificate
Lamp current (nom.)	82 mA		
Starting time (nom.)	0.5 s		

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Energy Consumption kWh/1000 h	18 kWh
Product Data	
Full product code	871869642520600
Order product name	ESSENTIAL LEDtube 1200mm 18W840 T8 AP I
EAN/UPC – product	8718696425206
Order code	42520600

Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001128208
Net weight (piece)	0.360 kg

Dimensional drawing



TLED 1200mm 18W840 T8 AP I

Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 18W840 T8 AP I	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

Photometric data

