



# 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 Characteristics

Main Application	Industrial
Cap-Base	G13
Rated Lifetime (hours)	30000 hr
Nominal Lifetime hours	30000 hr

### • Light Technical Characteristics

Color Code	840
Beam Angle	150 D
Correlated Color Temperature	4000 K
Luminous Flux	1600 Lm
Color rendering index	80
Rated Luminous Flux	1600 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	6 steps
Rated Beam Angle	150 D

### • Electrical Characteristics

Wattage	18 W
Voltage	220-240 V
Line Frequency	50/60 Hz
Power Factor	0.9 (min) -
Dimmable	No
Rated Wattage	18.0 W
Starting Time	0.5 (max) s
Warm-up Time to 60% Light Outp	instant full light
Energy saving product	Yes

Suitable for accent lighting No

### • Temperature Characteristics

T-case maximum	53 (max) C
Operating temperature	-20 (min), 45 (max) C
T-Storage	-40 (min), 65 (max) C

### • Environmental characteristics

Energy Efficiency Label (EEL)	A+
Energy consumption kWh/1000h	18 kWh

### • Measuring Conditions

Switching cycle	50000X
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### • Product Dimensions

Length A1	1198.0 mm
Fixing Hole Distance A2 Length	1205.0 mm
Length A3	1212.0 mm
Mounting hole diameter	25.68 mm
Circular outline dimension	28 mm

### • Approval & Application Chars

VDE marking	No
CE marking	Yes
UL certificate	No



# PHILIPS

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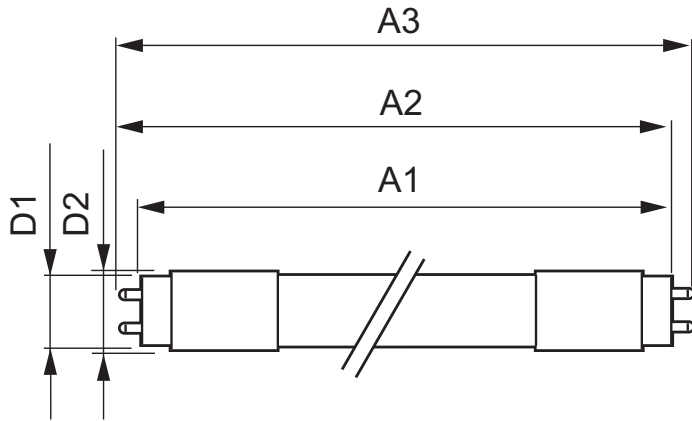
RoHS compliance Yes  
 KEMA Keur certificate Yes

Pieces per pack 1  
 Packing configuration 10  
 Packs per outerbox 10  
 Bar code on pack - EAN1 8718696425206  
 Bar code on outerbox - EAN3 8718696425213  
 Logistic code(s) - 12NC 929001128208  
 Net weight per piece 0.360 kg

## Product Data

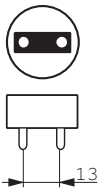
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 Full product name ESSENTIAL LEDtube 1200mm 18W840 T8 AP I  
 Order product name ESSENTIAL LEDtube 1200mm 18W840 T8 AP I

## Dimensional drawing



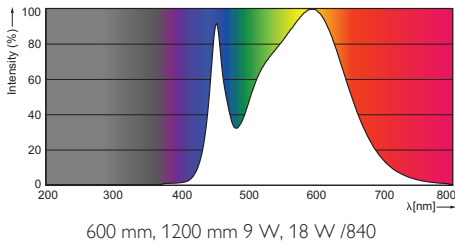
## ESSENTIAL LEDtube 1200mm 18W840 T8 AP I

Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	D1 (Norm)	D2 (Norm)
TLED 1200mm 18W840 T8 AP I	1198.0	1205.0	1212.0	25.68	28



G13

## Photometric data



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2015, August 29  
 data subject to change