



# Essential LEDtube

## ESSENTIAL LEDtube 1200mm 16W840 T8 AP I G

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]
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
B50L70	30000 h
Light Technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	150 °
Luminous Flux (Nom)	1600 lm
Luminous Flux (Rated) (Nom)	1600 lm
Rated Beam Angle	150 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	16 W
Lamp Current (Nom)	82 mA
Starting Time (Nom)	0.5 s

Warm Up Time To 60% Light (Nom)	instant full light s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	53 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking RoHS compliance KEMA Keur certificate

## Essential LEDtube

Energy Consumption kWh/1000 h	16 kWh
<b>Product Data</b>	
Full product code	871869642518300
Order product name	ESSENTIAL LEDtube 1200mm 16W840 T8 AP I G
EAN/UPC - Product	8718696425183
Order code	929001173008

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001173008
Net Weight (Piece)	0.270 kg

## Dimensional drawing

Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 16W840 T8 AP I G	25.68 mm	28 mm	1198.0 mm	1205.00 mm	1212.0 mm

TLED 1200mm 16W840 T8 AP I G

## Photometric data

600 mm, 1200 mm 8 W, 16 W /840

