



# Essential LEDtube

## LEDtube 1200mm 16W 765 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.)	15000 h
Switching cycle	50000X
B50L70	15000 h
Light Technical	
Colour Code	765 [ CCT of 6500K]
Lamp Luminous Flux 25°C EL (Nom)	1600 lm
Lamp Luminous Flux (Nom)	1600 lm
Colour Temperature, horizontal (Nom)	6500 K
Colour consistency	<7
Colour Rendering Index, horiz (Nom)	73
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Technical Lamp Power (Nom)	16 W
Lamp current (nom.)	130 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5

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.)	60 °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	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

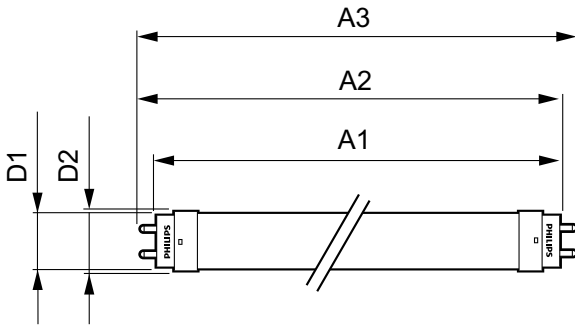
Product Data	
Full product code	871869659998300

# Essential LEDtube

Order product name	LEDtube 1200mm 16W 765 T8 AP I G
EAN/UPC – product	8718696599983
Order code	929001184638
Numerator – quantity per pack	1
Numerator – packs per outer box	20

Material no. (12NC)	929001184638
Net weight (piece)	0.222 kg

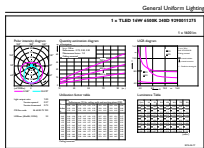
## Dimensional drawing



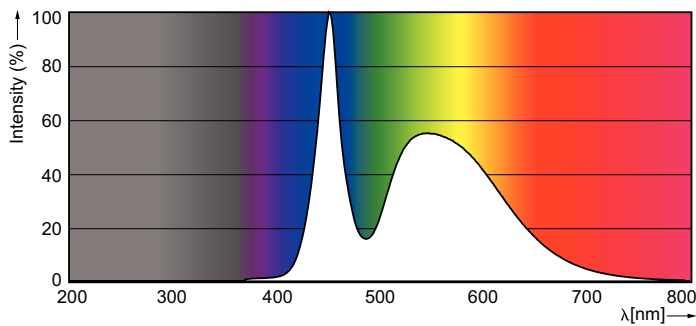
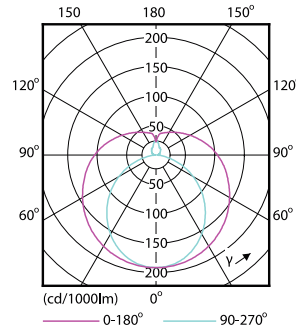
Product	D1	D2	A1	A2	A3	C	D
LEDtube 1200mm	25.68	28 mm	1198	1205	1212	1212	27.8
16W 765 T8 AP I G	mm		mm	mm	mm	mm	mm

TLED 1200mm 4ft T8 16W-36W 6500K G13 ND

## Photometric data



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## Lifetime

