



# Essential LEDtube

## ESSENTIAL LEDtube 1200mm 16W865 G5 I APR

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	G5 [ G5]
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
B50L70	30000 h
Light Technical	
Color Code	865 [ CCT of 6500K]
Luminous Flux (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Correlated Color Temperature (Nom)	6500 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 (Max)	179 mA
Lamp Current (Min)	77 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s

Power Factor (Nom)	0.92
Voltage (Nom)	100-240 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)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

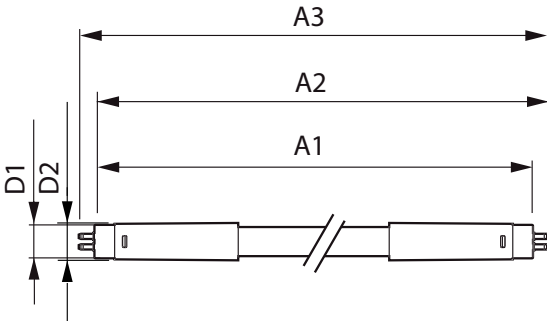
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## Product Data

Full product code	871869673206900
Order product name	ESSENTIAL LEDtube 1200mm 16W865 G5 I APR
EAN/UPC - Product	8718696732069
Order code	929001381108

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001381108
Net Weight (Piece)	0.180 kg

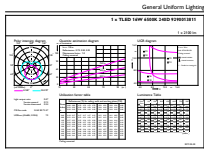
## Dimensional drawing



TLED 1200mm 100-240V 16-28W 6500K

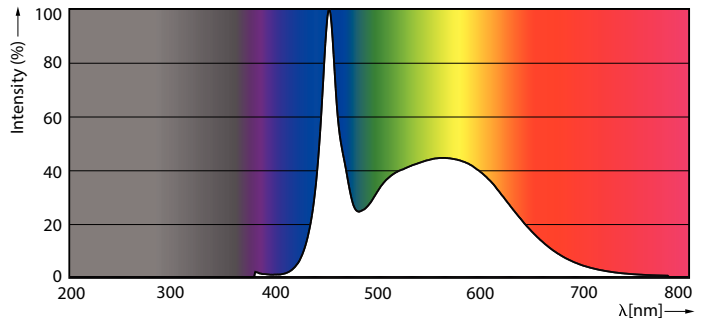
Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 16W865 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

## Photometric data

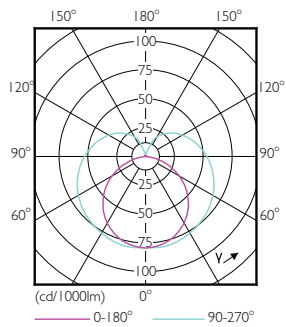


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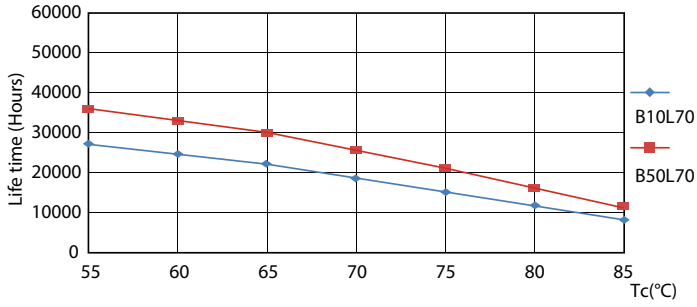
ESSENTIAL LEDtube 8W G5 865 APR



ESSENTIAL LEDtube 16W G5 840 APR

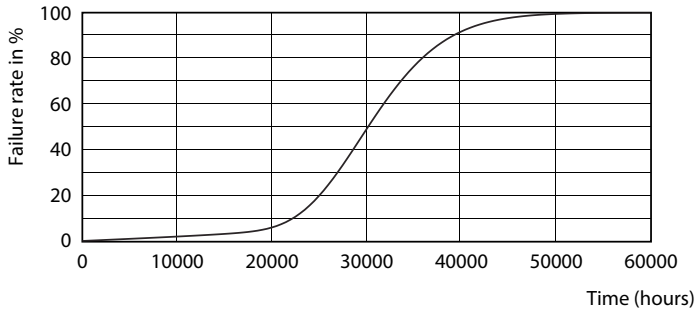
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## Lifetime



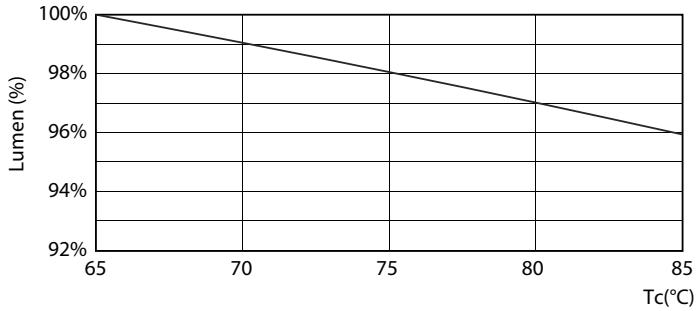
ESSENTIAL LEDtube 8-16W G5 830-865 APR

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