

# Essential LEDtube

## ESSENTIAL LEDtube 1200mm 16W840 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		Power Factor (Nom)		0.92
Cap-Base	G5 [ G5]	Voltage (Nom)	100-240 V	
Main Application	Industrial	<b>Temperature</b>		
Nominal Lifetime (Nom)	30000 h	T-Ambient (Max)	45 °C	
Switching Cycle	50000X	T-Ambient (Min)	-20 °C	
B50L70	30000 h	T-Storage (Max)	65 °C	
<b>Light Technical</b>		T-Storage (Min)	-40 °C	
Color Code	840 [ CCT of 4000K]	T-Case Maximum (Nom)	70 °C	
Luminous Flux (Nom)	2100 lm	<b>Controls and Dimming</b>		
Luminous Flux (Rated) (Nom)	2100 lm	Dimmable	No	
Correlated Color Temperature (Nom)	4000 K	<b>Mechanical and Housing</b>		
Color Consistency	<6	Product Length	1200 mm	
Color Rendering Index (Nom)	80	<b>Approval and Application</b>		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Efficiency Label (EEL)	A++	
<b>Operating and Electrical</b>		Energy Saving Product	Yes	
Input Frequency	50 to 60 Hz	Approval Marks	CE marking RoHS compliance KEMA Keur certificate	
Power (Rated) (Nom)	16 W	Energy Consumption kWh/1000 h	16 kWh	
Lamp Current (Max)	178 mA			
Lamp Current (Min)	77 mA			
Starting Time (Nom)	0.5 s			
Warm Up Time to 60% Light (Nom)	0.5 s			

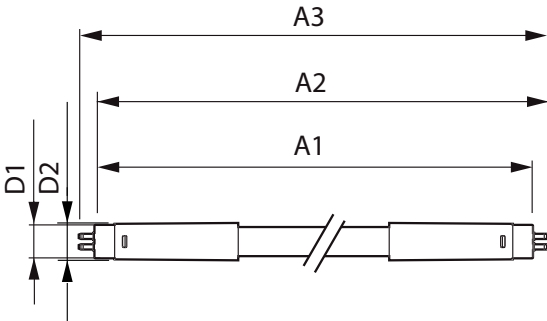
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## Product Data

Full product code	871869673204500
Order product name	ESSENTIAL LEDtube 1200mm 16W840 G5 I APR
EAN/UPC - Product	8718696732045
Order code	929001381008

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001381008
Net Weight (Piece)	0.180 kg

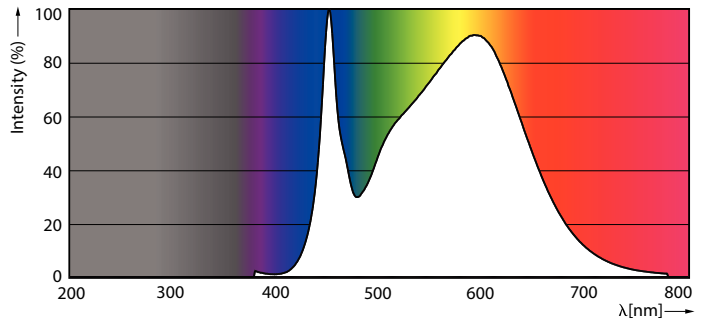
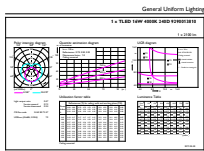
## Dimensional drawing



TLED 1200mm 100-240V 16-28W 4000K

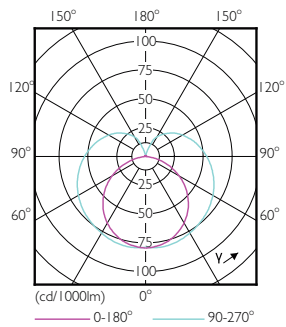
Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 16W840 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

## Photometric data



ESSENTIAL LEDtube 16W G5 840 APR

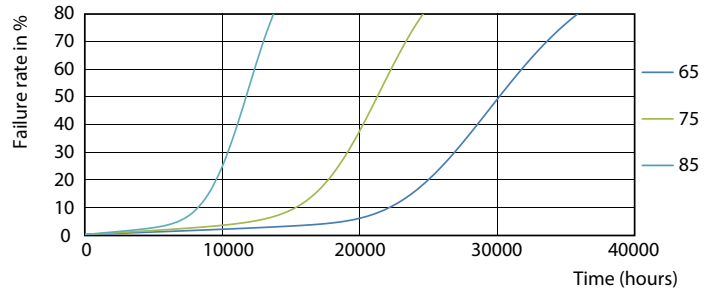
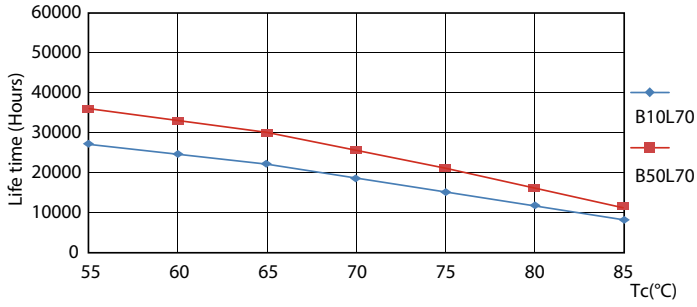
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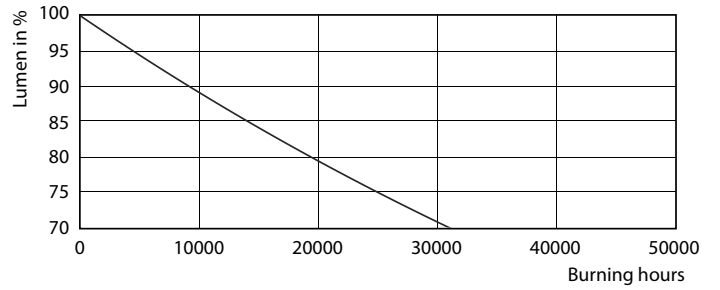
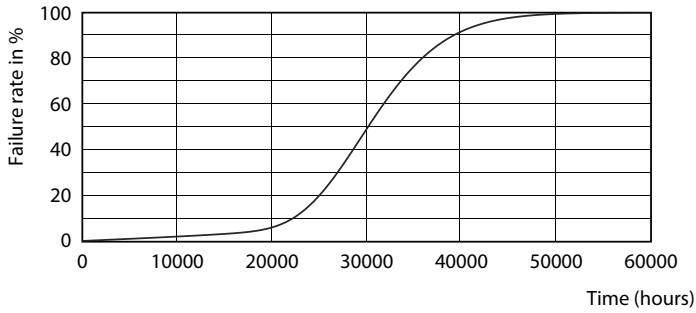
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## Lifetime



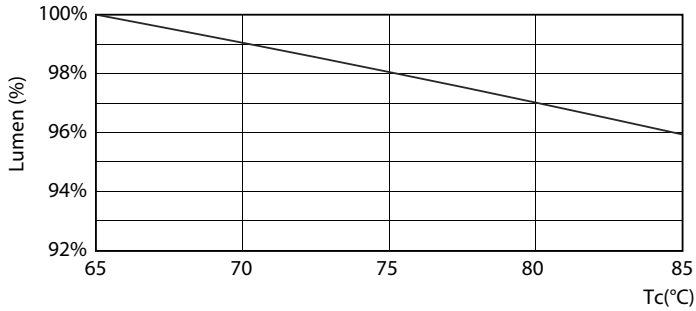
ESSENTIAL LEDtube 8-16W G5 830-865 APR

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