

# Essential LEDtube

## LEDtube 600mm 8W 765 T8 CN 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 Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000X
Light Technical	
Color Code	765 [ CCT of 6500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	800 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	73
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	8 W
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	600 mm
Approval and Application	
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

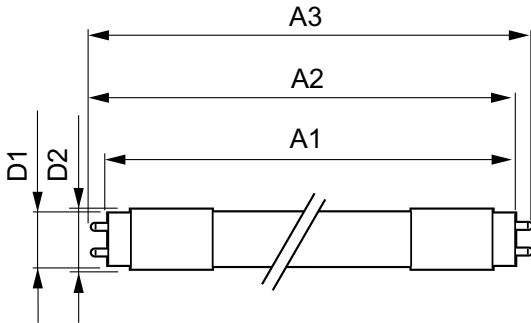
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## Product Data

Full product code	694793910552600
Order product name	LEDtube 600mm 8W 765 T8 CN I
EAN/UPC - Product	6947939105526
Order code	929001127710
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	20
Material Nr. (12NC)	929001127710
Net Weight (Piece)	0.091 kg

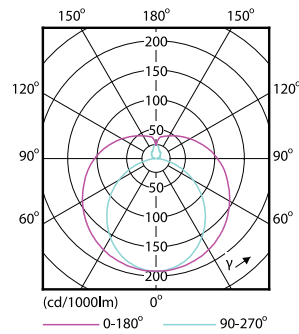
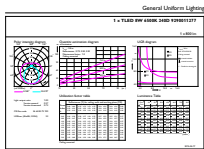
## Dimensional drawing



LEDtube 600mm 8W 765

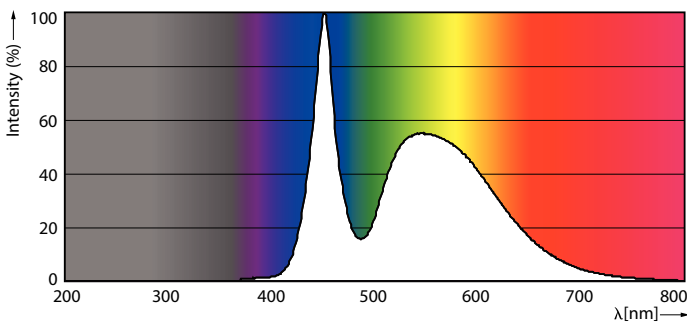
Product	D1	D2	A1	A2	A3
LEDtube 600mm 8W 765 T8 CN I	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data



LEDtube 600mm 8W 765 T8 CN I G

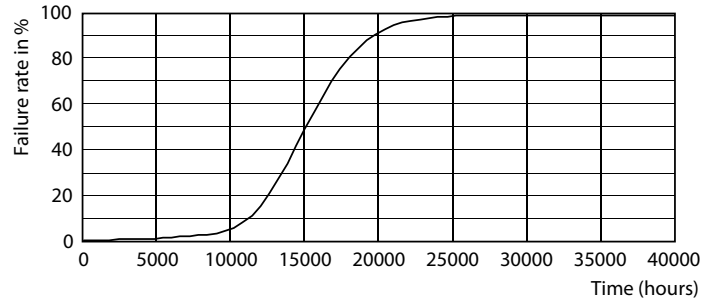
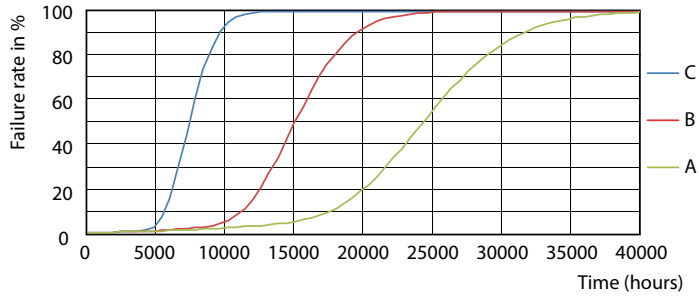
LEDtube 600mm 8W 765 T8 CN I G



LEDtube 16W G13 765 CN I G

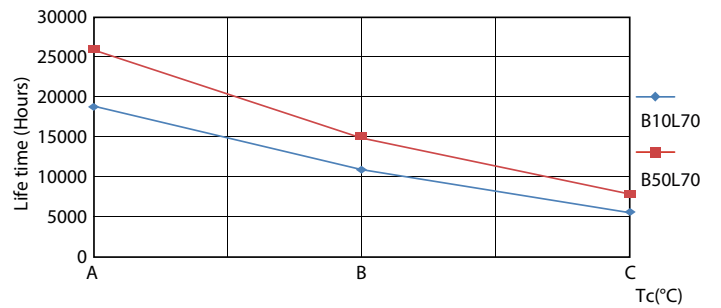
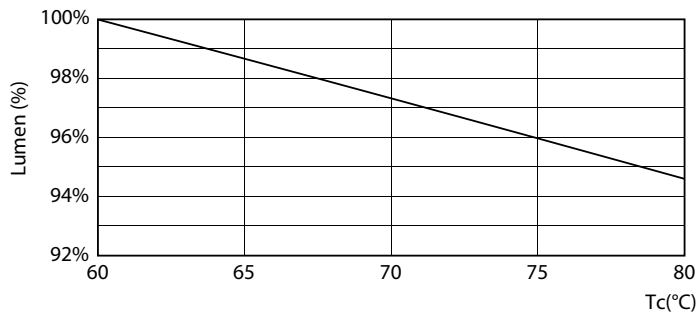
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## Lifetime



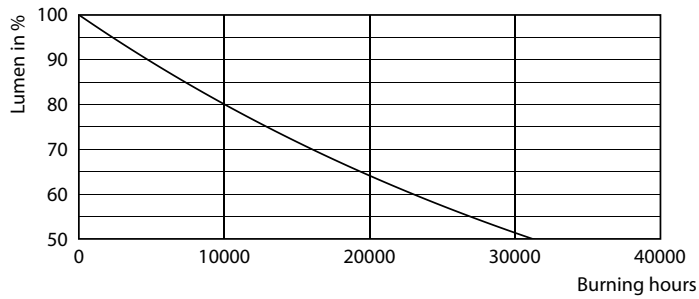
LEDtube 15K FailureRate

LEDtube 15K



LEDtube 15K LumenVsTc

LEDtube 15K LifetimeVsTc



LEDtube 15K

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