

# Essential LEDtube

## LEDtube 1200mm 16W 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		Voltage (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	220-240 V	
EU RoHS compliant	Yes	Temperature	
Nominal Lifetime (Nom)	15000 h	T-Ambient (Max)	45 °C
Switching Cycle	50000X	T-Ambient (Min)	-20 °C
Light Technical		T-Storage (Max)	65 °C
Color Code	765 [ CCT of 6500K]	T-Storage (Min)	-40 °C
Beam Angle (Nom)	240 °	T-Case Maximum (Nom)	60 °C
Luminous Flux (Nom)	1600 lm	Controls and Dimming	
Color Designation	Cool Daylight	Dimmable	No
Correlated Color Temperature (Nom)	6500 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Product Length	1200 mm
Color Consistency	<6	Approval and Application	
Color Rendering Index (Nom)	73	Energy Efficiency Label (EEL)	A+
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Saving Product	Yes
Operating and Electrical		Suitable For Accent Lighting	No
Input Frequency	50 to 60 Hz	Approval Marks	RoHS compliance KEMA Keur certificate
Power (Nom)	16 W	Energy Consumption kWh/1000 h	16 kWh
Starting Time (Nom)	0.5 s		
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.5		

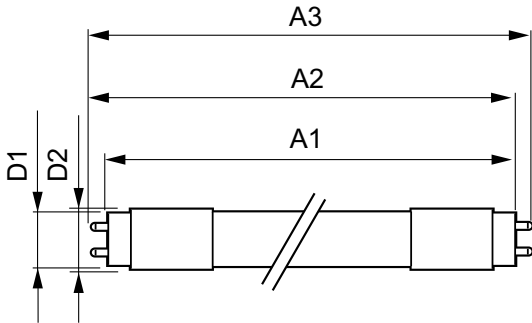
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## Product Data

Full product code	694793910548900
Order product name	LEDtube 1200mm 16W 765 T8 CN I
EAN/UPC - Product	6947939105489
Order code	929001127510
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	20
Material Nr. (12NC)	929001127510
Net Weight (Piece)	0.172 kg

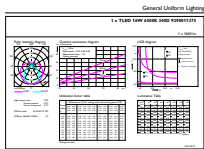
## Dimensional drawing



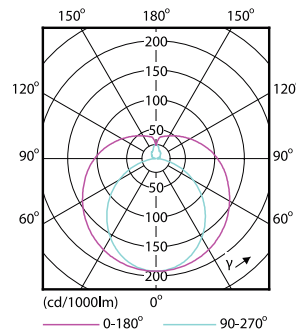
LEDtube 1200mm 16W 765

Product	D1	D2	A1	A2	A3
LEDtube 1200mm 16W 765 T8 CN I	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

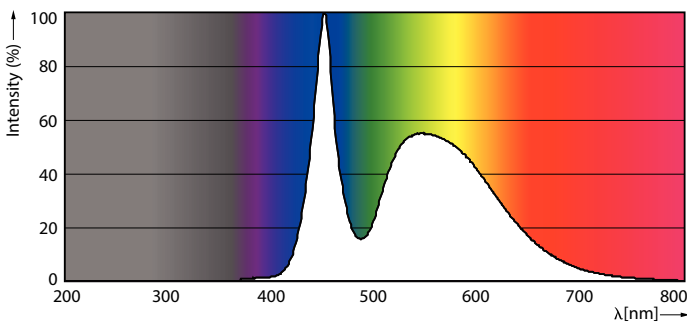
## Photometric data



General Uniform Lighting  
1 - T8 LED TUBE 16W 765 T8 CN I G



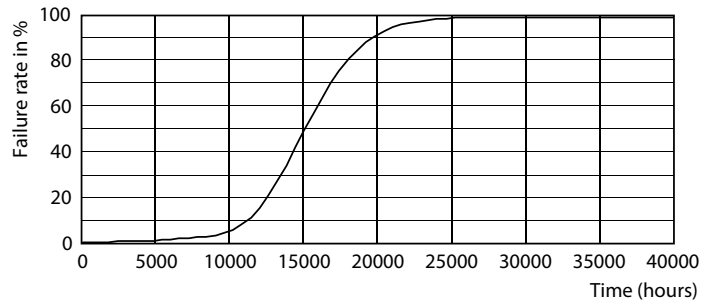
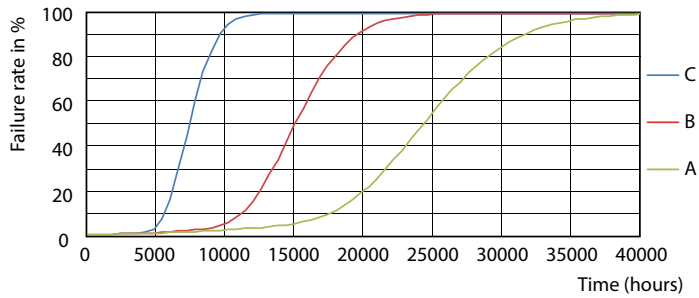
LEDtube 1200mm 16W 765 T8 CN I G



LEDtube 16W G13 765 CN I G

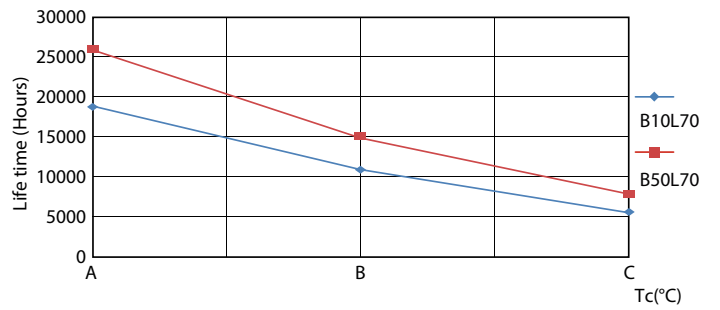
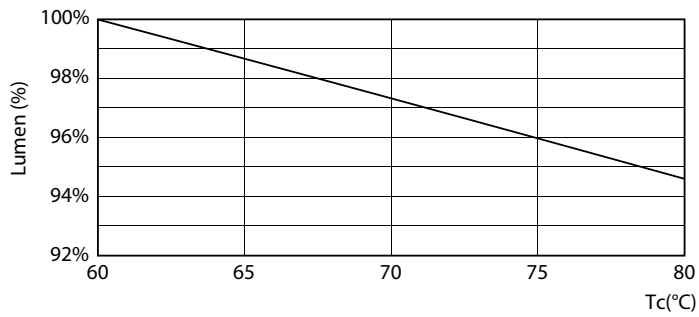
# Essential LEDtube

## Lifetime



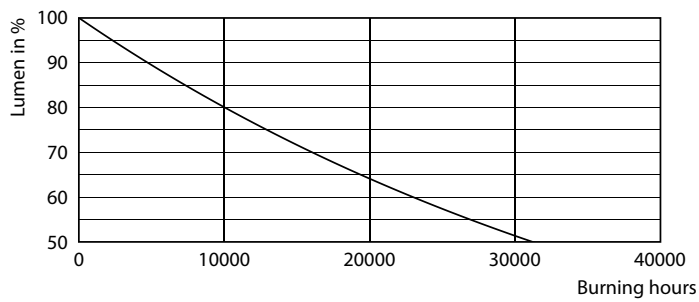
LEDtube 15K FailureRate

LEDtube 15K



LEDtube 15K LumenVsTc

LEDtube 15K LifetimeVsTc



LEDtube 15K

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