



Essential LEDtube

LEDtube 1200mm16W740 T8 CN 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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000X
Light Technical	
Color Code	740 [CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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)	16 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	1200 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	16 kWh

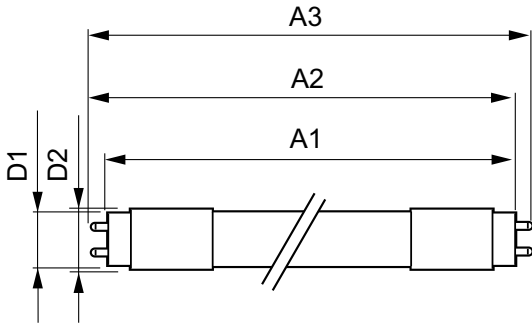
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Product Data

Full product code	694793910546500
Order product name	LEDtube 1200mm16W740 T8 CN I G
EAN/UPC - Product	6947939105465
Order code	929001127410
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	20
Material Nr. (12NC)	929001127410
Net Weight (Piece)	0.222 kg

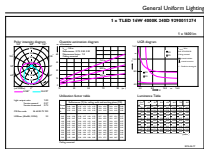
Dimensional drawing



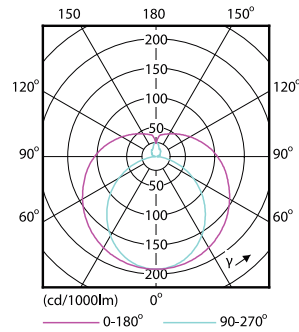
LEDtube 1200mm 16W 740

Product	D1	D2	A1	A2	A3
LEDtube 1200mm16W740	25.68	28 mm	1198.0	1205.0	1212.0
T8 CN I G	mm		mm	mm	mm

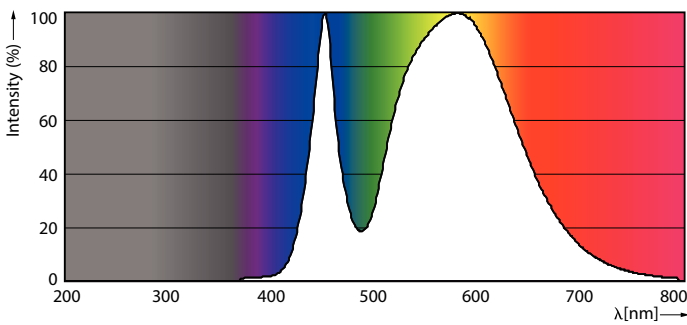
Photometric data



General Uniform Lighting
1 - T800 T800 16W 740 1200mm I G



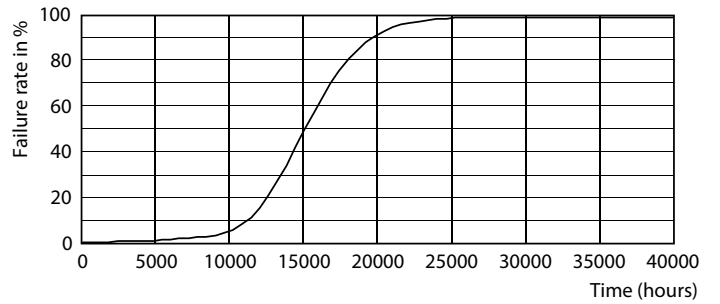
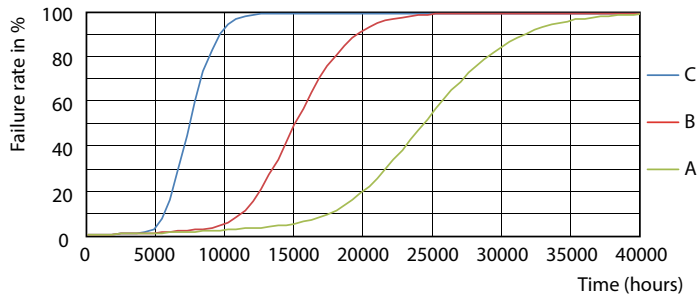
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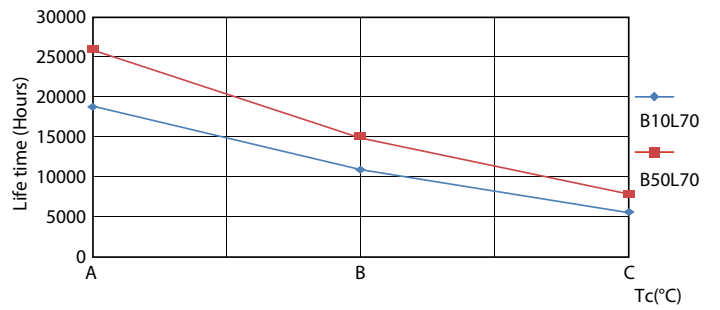
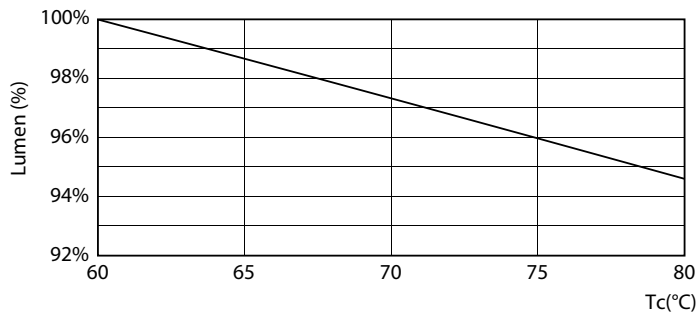
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Lifetime



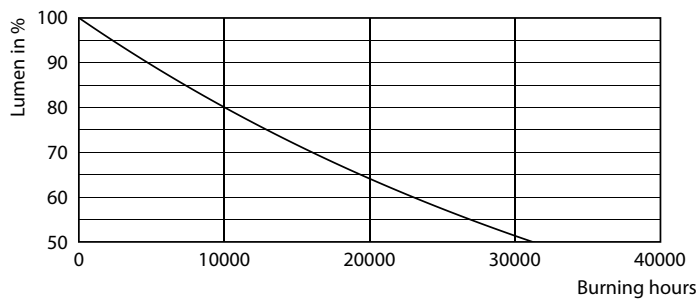
LEDtube 15K FailureRate

LEDtube 15K



LEDtube 15K LumenVsTc

LEDtube 15K LifetimeVsTc



LEDtube 15K

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