PHILIPS

Lighting



Ecofit Ledtubes T8

Ledtube DE 1200mm 16W 740 T8 G13

LED, T8, 16 W, 4000 K, 1600 lm, 15000 hour(s)

Upgrade to efficient, long-lasting LED tubes with the Ecofit LED tubes. Ecofit LED tubes are a fast and easy way to replace your old fluorescent tubes with modern, efficient LED technology. Good quality of light with a natural lighting effect for use in general lighting applications with low initial investment – an environmentally friendly solution.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical	
Color Code	740 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<7
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	16 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.200 kg

Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

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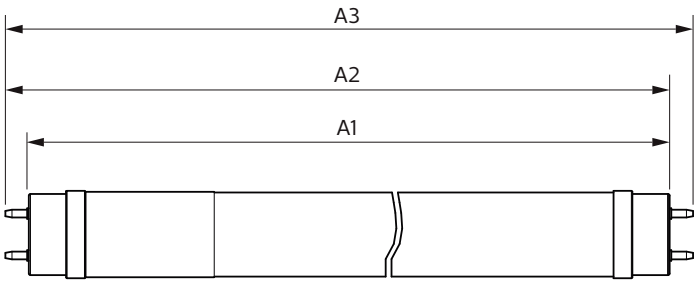
Energy Consumption kWh/1000 h	16 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Product Data

Order product name	Ledtube DE 1200mm 16W 740 T8 G13
Full product name	Ledtube DE 1200mm 16W 740 T8 G13
Full product code	694793919170300

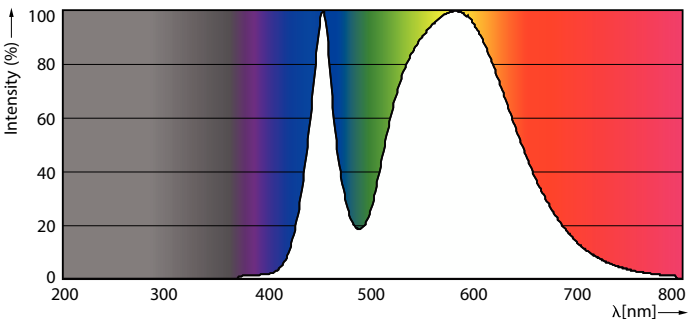
Order code	929002351840
Material Nr. (12NC)	929002351840
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947939191703
Numerator - Packs per outer box	25
EAN/UPC - Case	6947939191710

Dimensional drawing

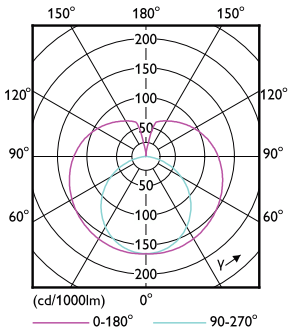


Product	A1	A2	A3
Ledtube DE 1200mm 16W 740 T8 G13	1,198 mm	1,205 mm	1,212 mm

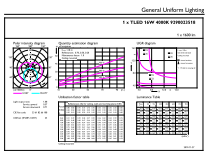
Photometric data



Spectral Power Distribution Colour - Ledtube DE 1200mm 16W 740 T8 G13

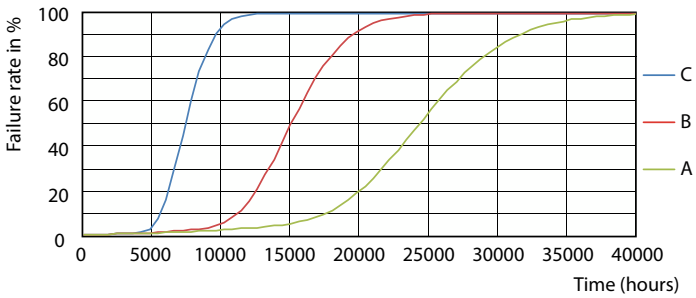


Light Distribution Diagram - Ledtube DE 1200mm 16W 740 T8 G13

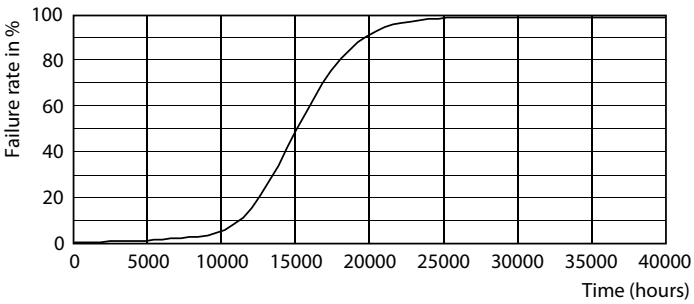


General uniform lighting - Ledtube DE 1200mm 16W 740 T8 G13

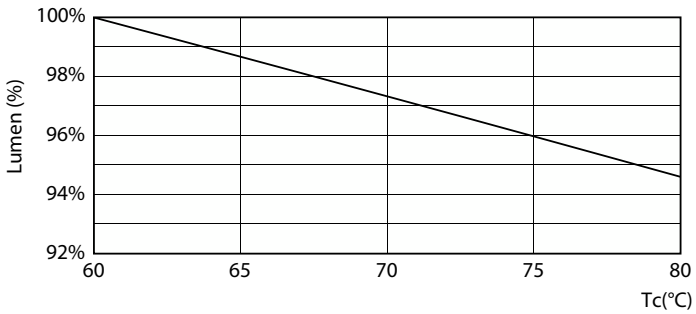
Lifetime



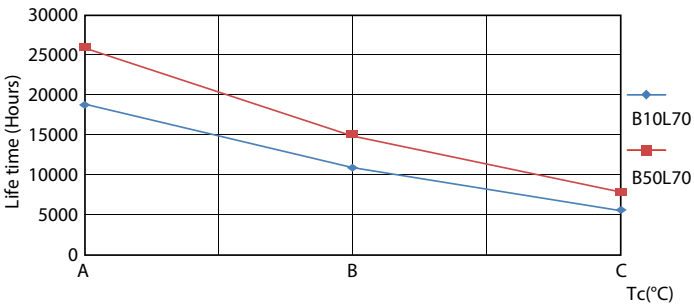
LEDtube 15K FailureRate



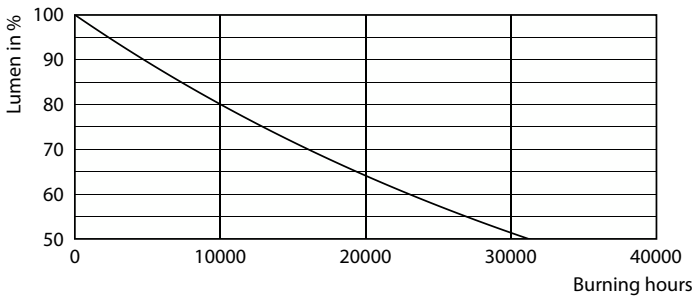
Life Expectancy Diagram



Lumen Maintenance Diagram - Ledtube DE 1200mm 16W 740 T8 G13



LEDtube 15K LifetimeVsTc



Lumen Maintenance Diagram - Ledtube DE 1200mm 16W 740 T8 G13

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