



Ecofit LED tubes T8

Ledtube DE 1200mm 16W 765 T8 G13

LEDtube, T8, 1200 mm, 16 W, 6500 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
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube

Light Technical	
Color Code	765 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,600 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<7
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	16 W

Lamp Current (Nom)	130 mA
Wattage Equivalent	36 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)	55 °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

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Approval Marks	RoHS compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Application Conditions

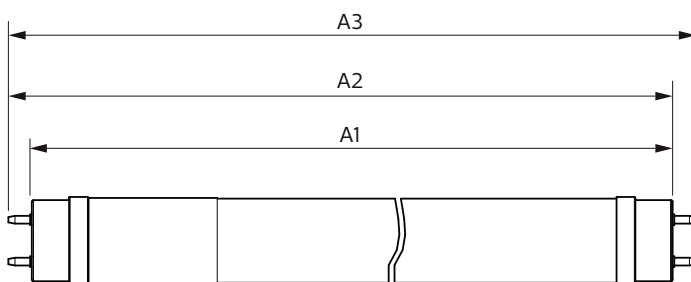
Wireless Technology	Not applicable
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Product Data

Order product name	Ledtube DE 1200mm 16W 765 T8 G13
Full product name	Ledtube DE 1200mm 16W 765 T8 G13

Full product code	694197060287700
Order code	929002351970
Material Nr. (12NC)	929002351970
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6941970602877
Numerator - Packs per outer box	25
EAN/UPC - Case	6941970602884

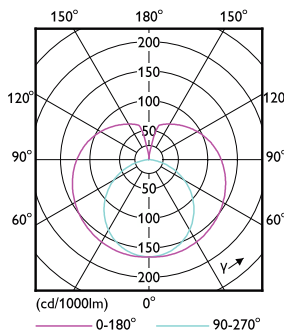
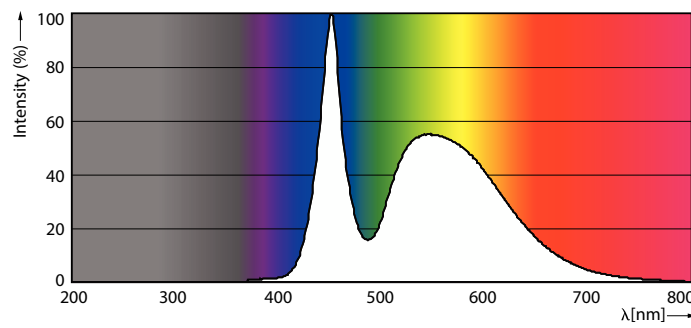
Dimensional drawing



Product

Ledtube DE 1200mm 16W 765 T8 G13

Photometric data

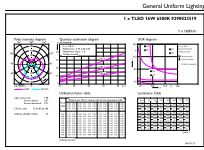


Spectral Power Distribution Colour - Ledtube DE 1200mm 16W 765 T8 G13

Light Distribution Diagram - Ledtube DE 1200mm 16W 765 T8 G13

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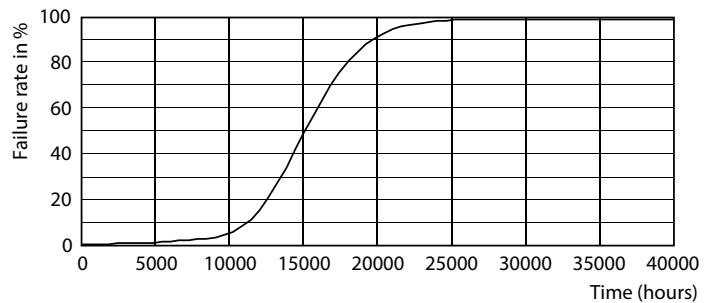
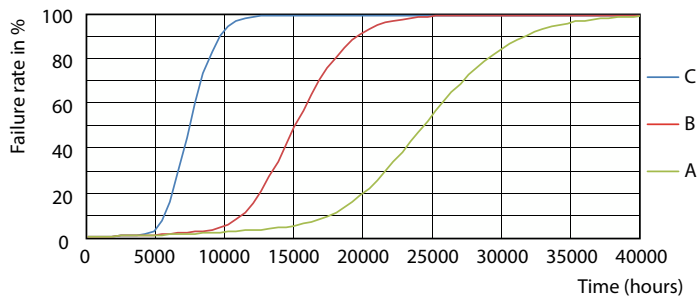
Photometric data



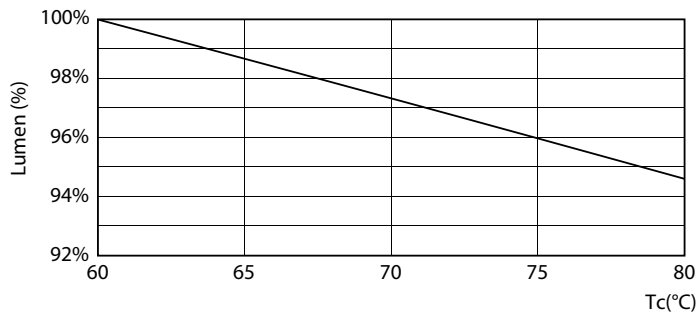
Technical Parameters 43 Page 10 of 17

General uniform lighting - Ledtube DE 1200mm 16W 765 T8 G13

Lifetime

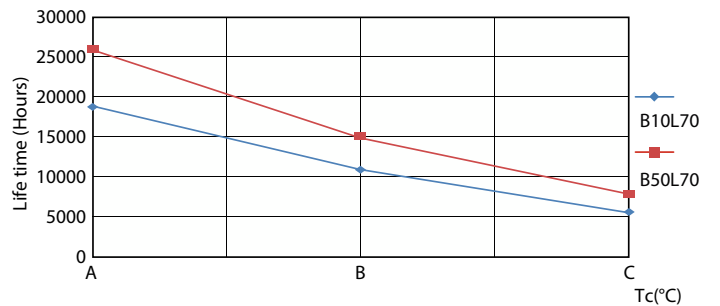


LEDtube 15K FailureRate



Lumen Maintenance Diagram - Ledtube DE 1200mm 16W 765 T8 G13

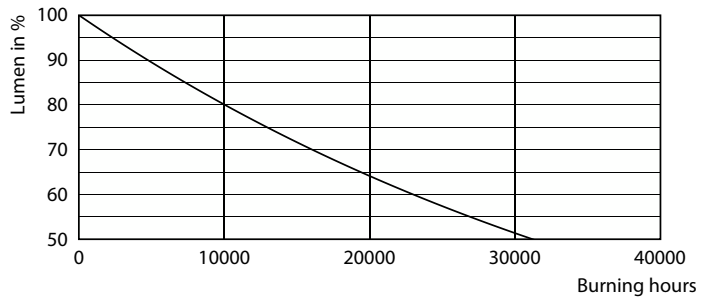
Life Expectancy Diagram



LEDtube 15K LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - Ledtube DE 1200mm 16W 765 T8 G13

