PHILIPS

Lighting



Ecofit Ledtubes T8

Ledtube DE 600mm 9W 900lm 765 T8 G13

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	765 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	900 lm
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
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	9 W
Lamp Current (Nom)	78 mA
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
Ballast Compatibility	EM/Mains

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T8

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

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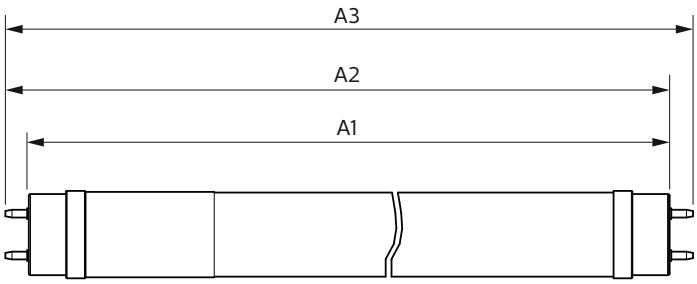
Energy Consumption kWh/1000 h	9 kWh
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort

Order code	929002375208
Material Nr. (12NC)	929002375208
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.090 kg
EAN/UPC - Product/Case	8718699760090
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699760106

Product Data

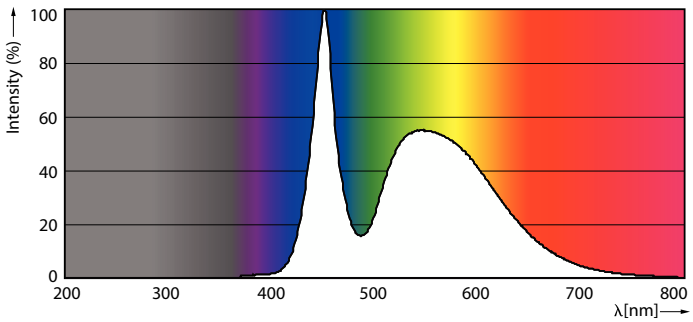
Order product name	Ledtube DE 600mm 9W 900lm 765 T8 G13
Full product name	Ledtube DE 600mm 9W 900lm 765 T8 G13
Full product code	871869976009000

Dimensional drawing

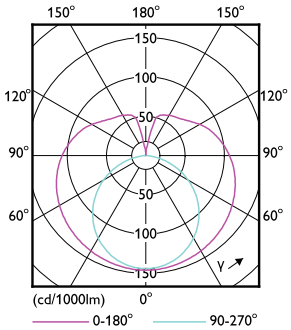


Product	D1	D2	A1	A2	A3
Ledtube DE 600mm 9W 900lm 765 T8 G13	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

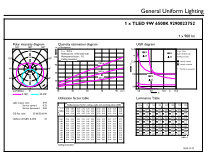
Photometric data



Spectral Power Distribution Colour - Ledtube DE 600mm 9W 900lm 765 T8 G13



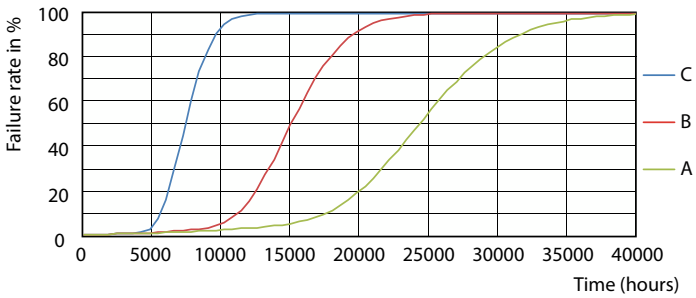
Light Distribution Diagram - Ledtube DE 600mm 9W 900lm 765 T8 G13



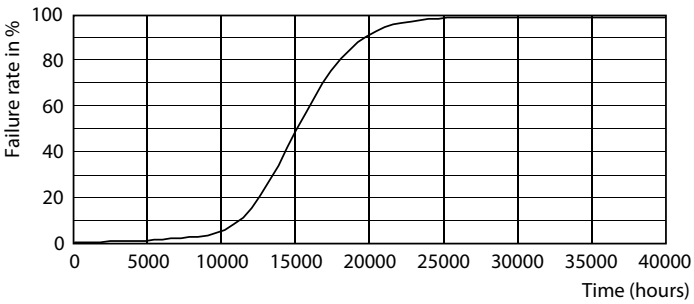
General uniform lighting - Ledtube DE 600mm 9W 900lm 765 T8 G13

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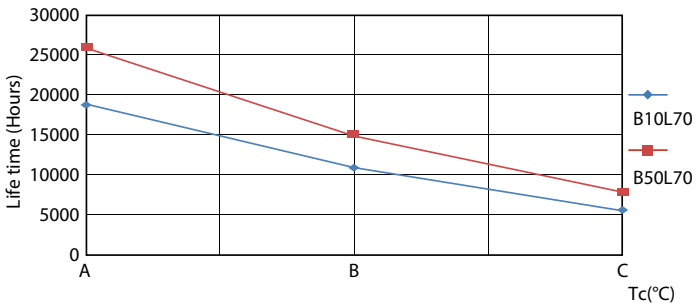
Lifetime



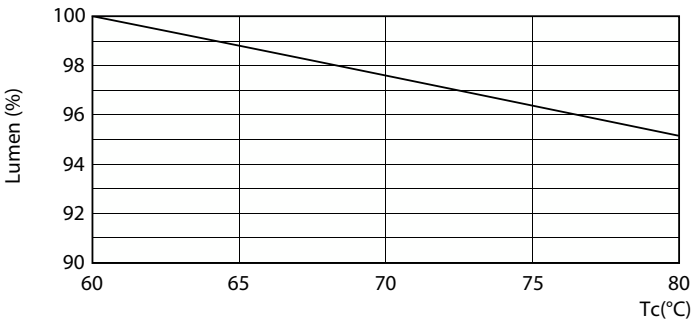
LEDtube 15K FailureRate



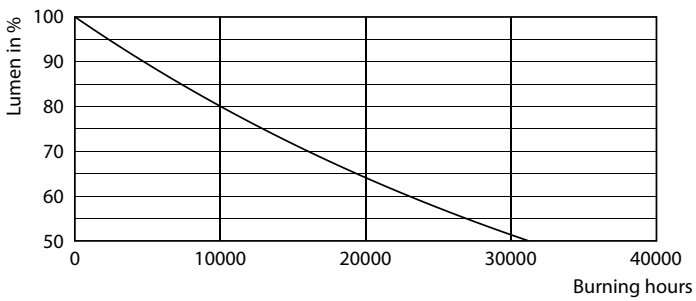
Life Expectancy Diagram



LEDtube 15K LifetimeVsTc



Lumen Maintenance Diagram - Ledtube DE 600mm 9W 900lm 765 T8 G13



Lumen Maintenance Diagram - Ledtube DE 600mm 9W 900lm 765 T8 G13



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