



# Ecofit LED tubes T8

## Ledtube DE 600mm 9W 900lm 765 T8 G13

Ecofit, LEDtube, T8, EM/Mains, Double-ended, 600 mm, 220-240 V, 9 W, 18W TL-D, 6500 K, 900 lm, 15000 hour(s)

Ecofit, LEDtube, T8, EM/Mains, Double-ended, 600 mm, 220-240 V, 9 W, LED alternative to 18W TL-D, 6500 K, 900 lm, 15000 hour(s), 100.00 lm/W, G13, Beam angle 240 degree(s), Glass

### 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	900 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 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	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
LED alternative to fluorescent lamp power	18W TL-D
Ballast Compatibility	EM/Mains
Temperature	
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Overall length	604 mm

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Overall width	28 mm
Overall height	604 mm
Dimensions (Height x Width x Depth)	604 x 28 x 604 mm
Bulb Shape	T8
Net Weight (Piece)	0.090 kg

### Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort
Ambient temperature range	-20 °C to 45 °C

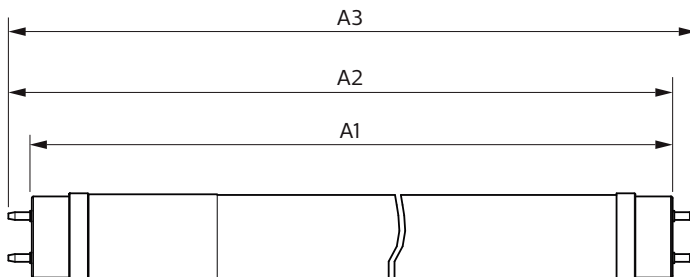
### Application Conditions

Wireless Technology	Not applicable
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### Product Data

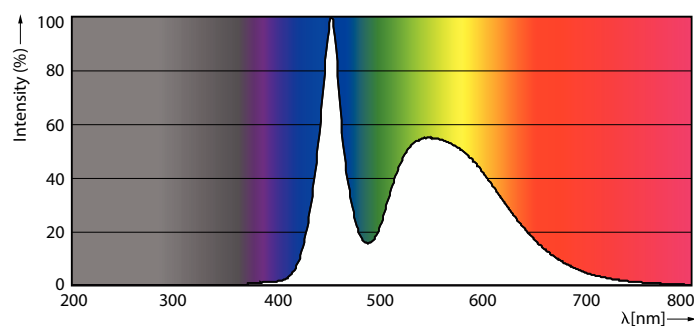
Order product name	Ledtube DE 600mm 9W 900lm 765 T8 G13
Full product name	Ledtube DE 600mm 9W 900lm 765 T8 G13
Full product code	871869976009000
Order code	929002375208
Material Nr. (12NC)	929002375208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699760090
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699760106

### Dimensional drawing

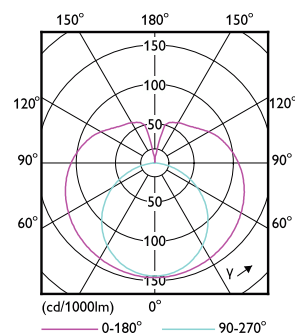


Product	D1	D2	A1	A2	A3
Ledtube DE 600mm 9W 900lm 765 T8 G13	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

### Photometric data



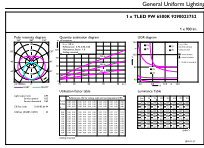
Spectral Power Distribution Colour - Ledtube DE 600mm 9W 900lm 765 T8 G13



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

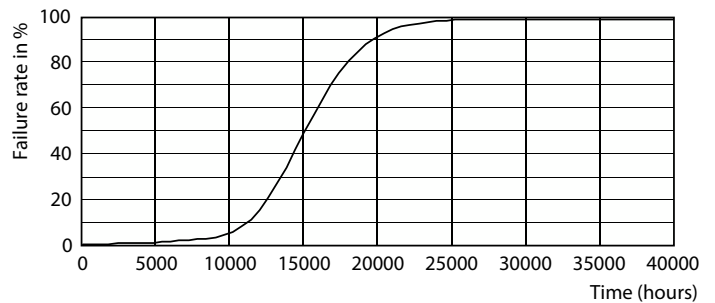
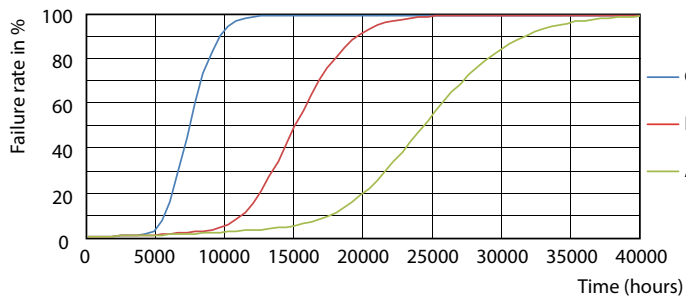
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## Photometric data



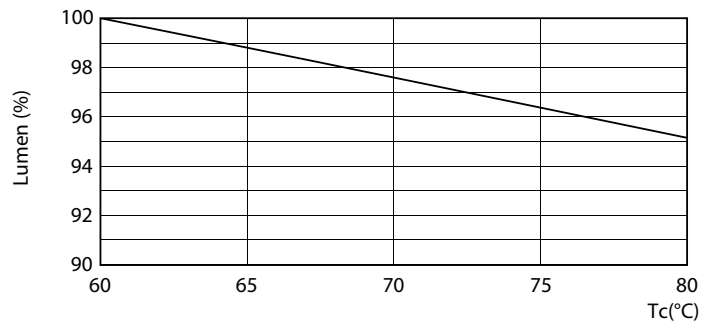
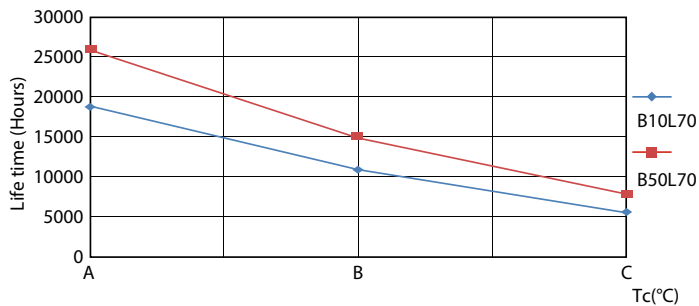
General uniform lighting - Ledtube DE 600mm 9W 900lm 765 T8 G13

## Lifetime



LEDtube 15K FailureRate

Life Expectancy Diagram

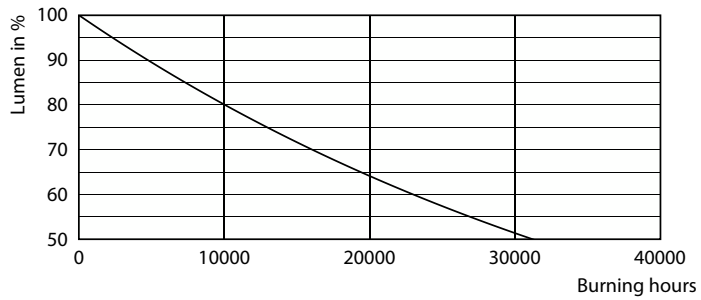


LEDtube 15K LifetimeVsTc

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

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### Lifetime



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

