



Ecofit LED tubes T8

Ledtube DE 1200mm 18W 1800lm 765 T8 G13

Ecofit, LEDtube, T8, EM/Mains, Double-ended, 1200 mm, 220-240 V, 18 W, 36W TL-D, 6500 K, 1800 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	1,800 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	18 W
Lamp Current (Nom)	155 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	36W TL-D
Ballast Compatibility	EM/Mains
Temperature	
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No

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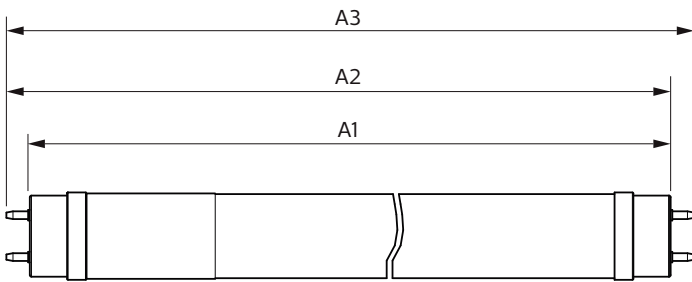
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Overall length	1,214 mm
Overall width	28 mm
Overall height	1,214 mm
Dimensions (Height x Width x Depth)	1214 x 28 x 1214 mm
Bulb Shape	T8
Net Weight (Piece)	0.200 kg

Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh
EU RoHS compliant	Yes
EyeComfort	Yes

LED Innovations	EyeComfort
Ambient temperature range	-20 °C to 45 °C

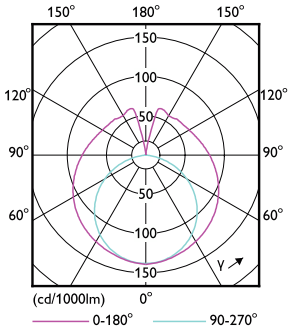
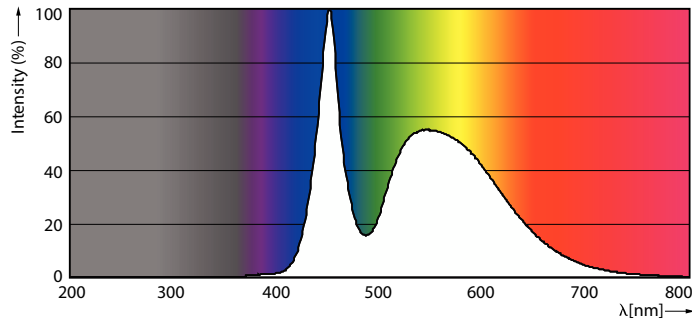
Product Data	
Order product name	Ledtube DE 1200mm 18W 1800lm 765 T8 G13
Full product name	Ledtube DE 1200mm 18W 1800lm 765 T8 G13
Full product code	871869976013700
Order code	929002375408
Material Nr. (12NC)	929002375408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699760137
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699760144

Dimensional drawing



Product	D1	D2	A1	A2	A3
Ledtube DE 1200mm 18W 1800lm 765 T8 G13	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data

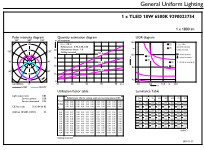


Spectral Power Distribution Colour - Ledtube DE 1200mm 18W 1800lm 765 T8 G13

Light Distribution Diagram - Ledtube DE 1200mm 18W 1800lm 765 T8 G13

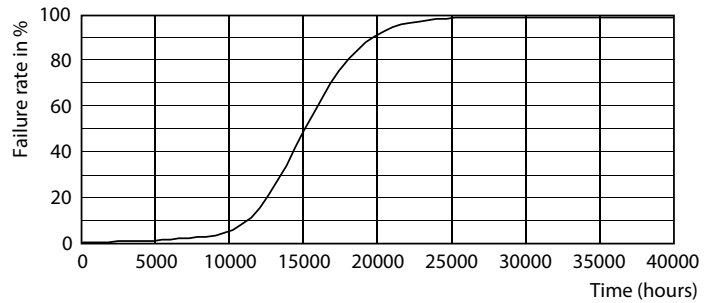
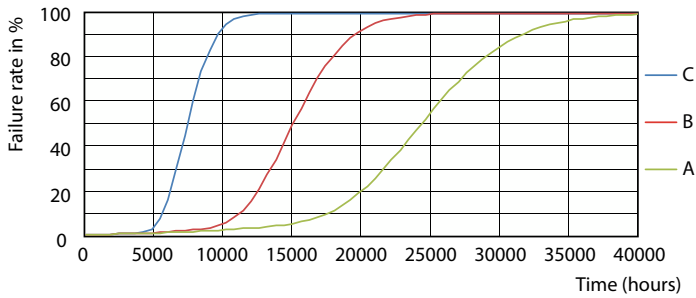
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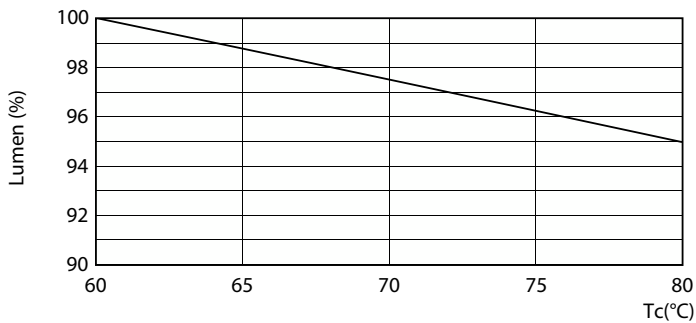


General uniform lighting - Ledtube DE 1200mm 18W 1800lm 765 T8 G13

Lifetime

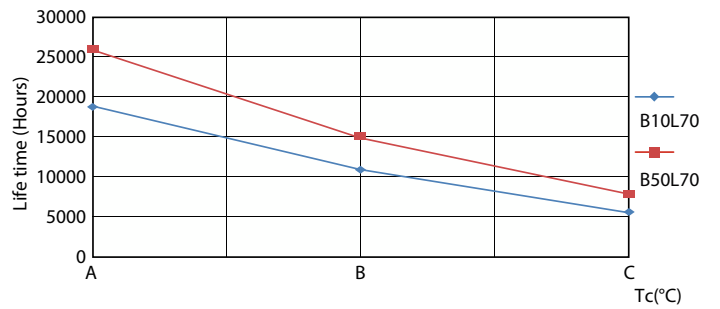


LEDtube 15K FailureRate



Lumen Maintenance Diagram - Ledtube DE 1200mm 18W 1800lm 765 T8 G13

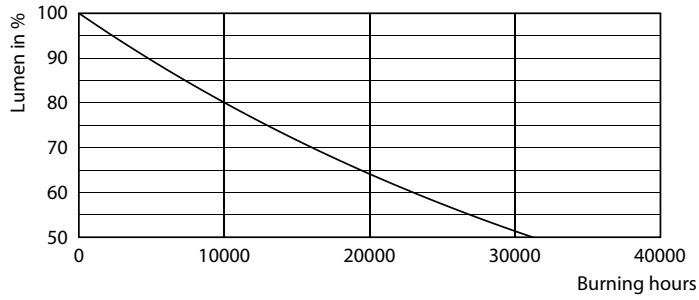
Life Expectancy Diagram



LEDtube 15K LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - Ledtube DE 1200mm 18W 1800lm 765 T8 G13

