



Ecofit LED tubes T8

Ledtube DE 1200mm 19W 865 T8 G13

Ecofit, LEDtube, T8, EM/Mains, 1200 mm, 220 V, 19 W, 36W TL-D, 6500 K, 2000 lm, 20000 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	20,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,000 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
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	19 W
Lamp Current (Max)	90 mA
Lamp Current (Min)	90 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220 V
LED alternative to fluorescent lamp power	36W TL-D
Ballast Compatibility	EM/Mains
Temperature	
T-Case Maximum (Nom)	60 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.180 kg

Approval and Application

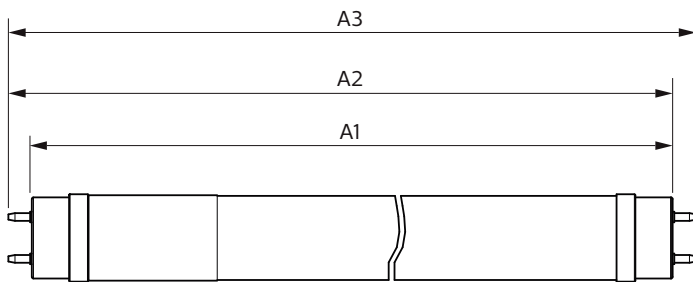
Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes

Ambient temperature range	-20 °C to 45 °C
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Product Data

Order product name	Ledtube DE 1200mm 19W 865 T8 G13
Full product name	Ledtube DE 1200mm 19W 865 T8 G13
Full product code	871951428976500
Order code	929002474308
Material Nr. (12NC)	929002474308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514289765
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514289772

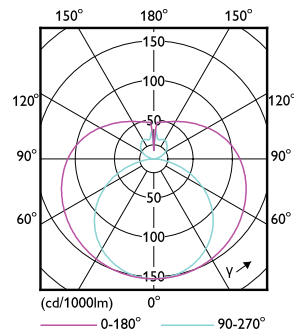
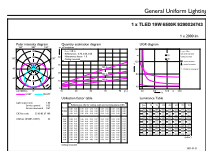
Dimensional drawing



Product

Ledtube DE 1200mm 19W 865 T8 G13

Photometric data

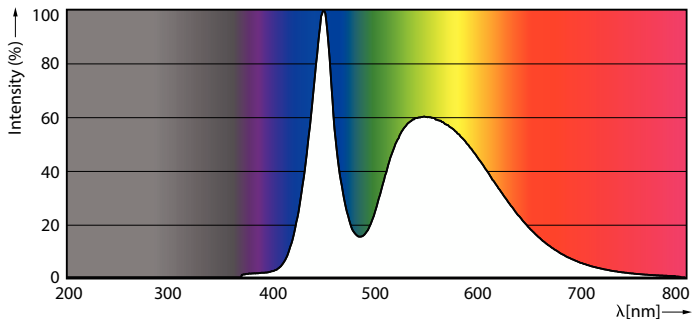


General uniform lighting - Ledtube DE 1200mm 19W 865 T8 G13

Light Distribution Diagram - Ledtube DE 1200mm 19W 865 T8 G13

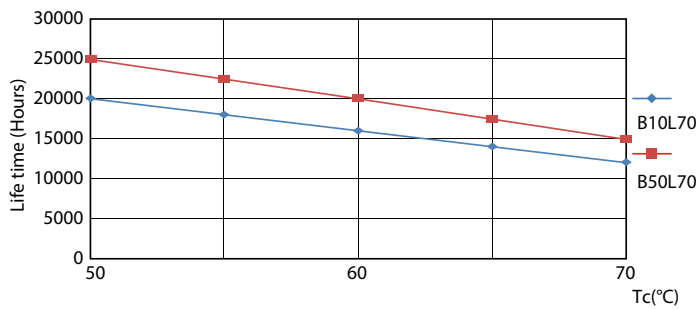
Ecofit LED tubes T8

Photometric data

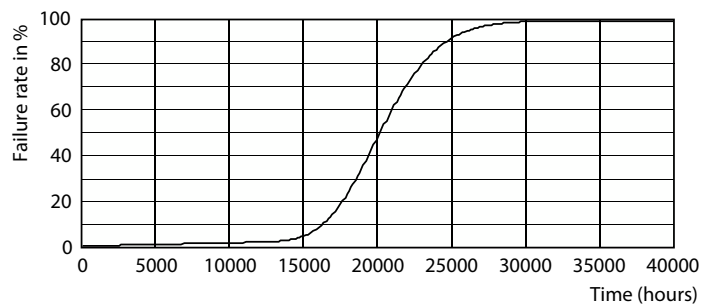


Spectral Power Distribution Colour - Ledtube DE 1200mm 19W 865 T8 G13

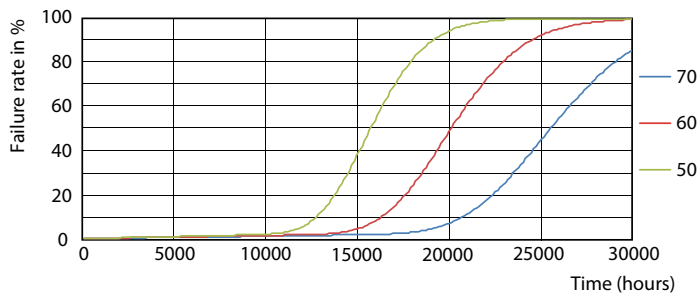
Lifetime



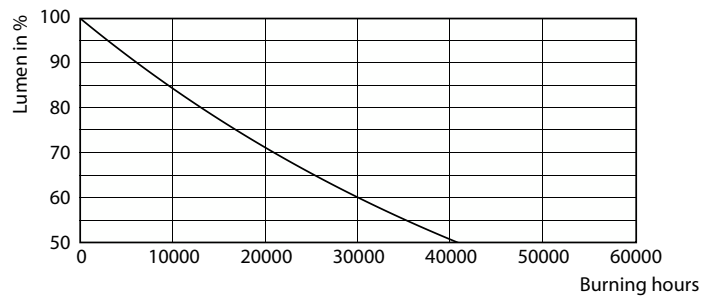
LifetimeVsTc



Life Expectancy Diagram



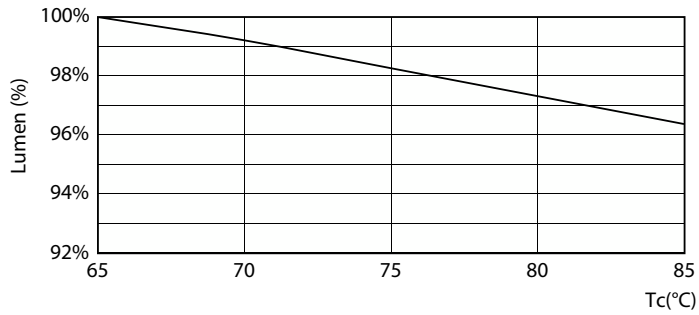
FailureRate



Lumen Maintenance Diagram - Ledtube DE 1200mm 19W 865 T8 G13

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Lifetime



Lumen Maintenance Diagram - Ledtube DE 1200mm 19W 865 T8 G13

