



# Ecofit LED tubes T8

## Ledtube DE 1200mm 19W 830 T8 G13 EG

Ecofit, LEDtube, T8, EM/Mains, Double-ended, 1200 mm, 220 V, 19 W, 36W TL-D, 3000 K, 2250 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	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,250 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	19 W
Lamp Current (Nom)	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)	50 °C
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 to +45 °C

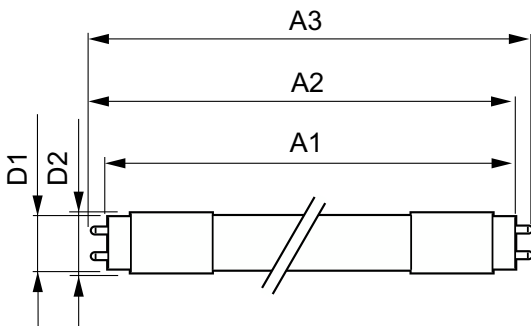
## Application Conditions

Wireless Technology	Not applicable
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## Product Data

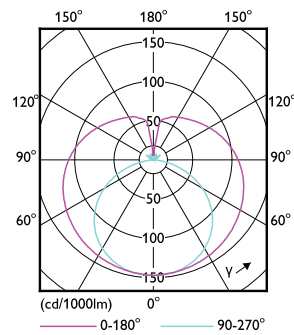
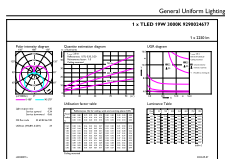
Order product name	Ledtube DE 1200mm 19W 830 T8 G13 EG
Full product name	Ledtube DE 1200mm 19W 830 T8 G13 EG
Full product code	872016924825000
Order code	929002467738
Material Nr. (12NC)	929002467738
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169248250
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169248267

## Dimensional drawing



Product	D1	D2	A1	A2	A3
Ledtube DE 1200mm 19W 830 T8 G13 EG	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

## Photometric data

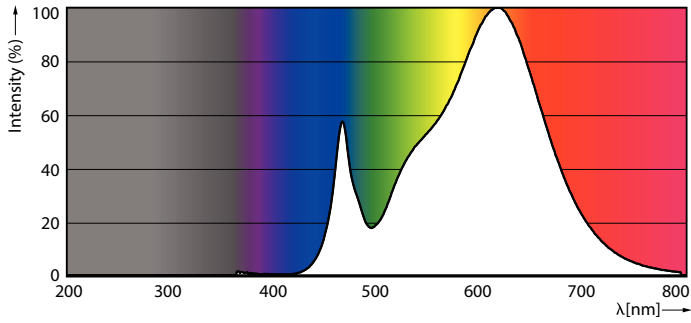


General uniform lighting - Ledtube DE 1200mm 19W 830 T8 G13 EG

Light Distribution Diagram - Ledtube DE 1200mm 19W 830 T8 G13 EG

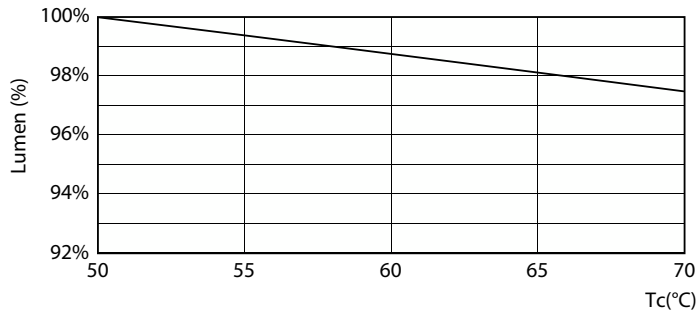
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## Photometric data

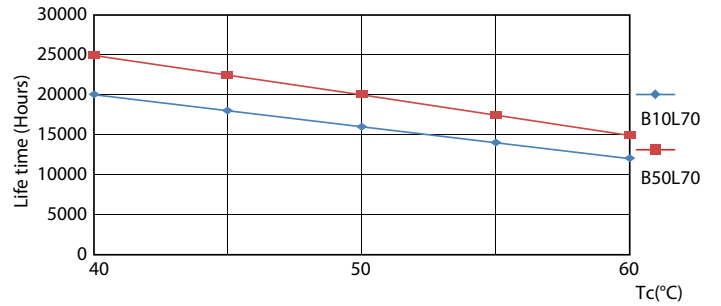


Spectral Power Distribution Colour - Ledtube DE 1200mm 19W 830 T8 G13 EG

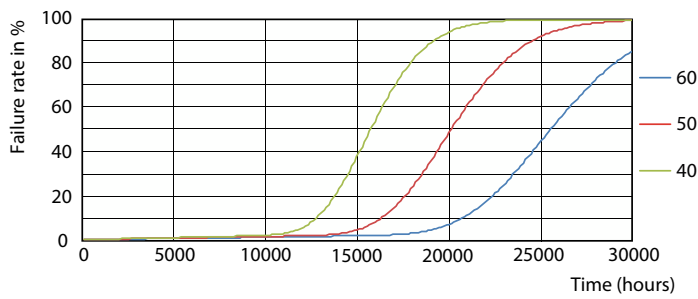
## Lifetime



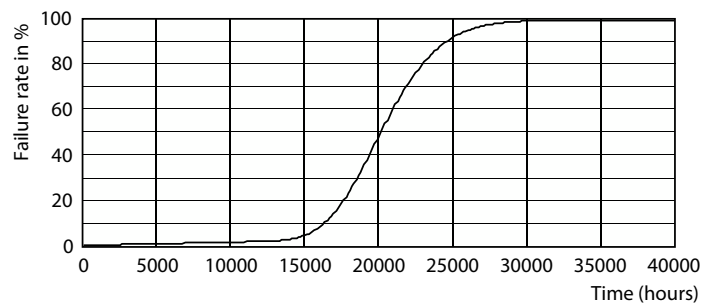
Lumen Maintenance Diagram - Ledtube DE 1200mm 19W 830 T8 G13 EG



LifetimeVsTc



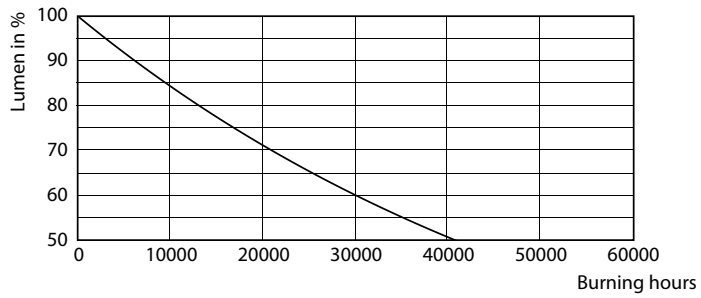
FailureRate



Life Expectancy Diagram

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### Lifetime



Lumen Maintenance Diagram - Ledtube DE 1200mm 19W 830 T8 G13 EG

