



# Ecofit Ledtubes T8



## Ecofit LEDtube 1500mm 19.5W 840 T8

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		Photobiological safety according to EN 62471	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	RG0	
Nominal lifetime	20,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	240 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	2,000 lm	Power Consumption	19.5 W
Color Designation	Cool White (CW)	Lamp Current (Nom)	155 mA
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	102.00 lm/W	Warm-up time to 60% light	0.5 s
Color Consistency	<6	Power Factor (Fraction)	0.5
Color rendering index (CRI)	80	Voltage (Nom)	220-240 V
LLMF At End Of Nominal Lifetime (Nom)	70 %	LED alternative to fluorescent lamp power	54 W
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1	Ballast Compatibility	EM/Mains
Stroboscopic effect visibility measure (SVM)	0.3		
		Temperature	
		Ambient temperature range	-20 °C to 45 °C
		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	1,500 mm
Bulb Shape	T8

## Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	726131

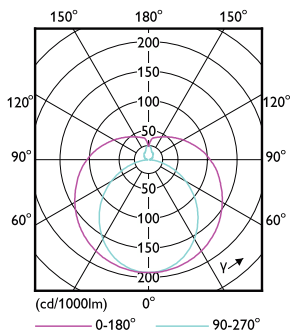
## Product Data

Order product name	Ecofit LEDtube 1500mm 19.5W 840 T8
Full product name	Ecofit LEDtube 1500mm 19.5W 840 T8
Full product code	871951440375800
Order code	929003130702
Material Nr. (12NC)	929003130702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403758
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514403765

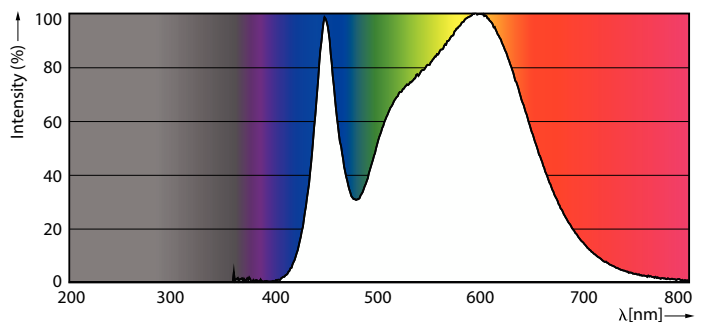
## Dimensional drawing

Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1500mm 19.5W 840 T8	25.7 mm	28 mm	1,498.5 mm	1,505.9 mm	1,513 mm

## Photometric data



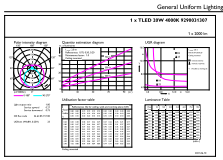
Light Distribution Diagram - Ecofit LEDtube 1500mm 19.5W 840 T8



Spectral Power Distribution Colour - Ecofit LEDtube 1500mm 19.5W 840 T8

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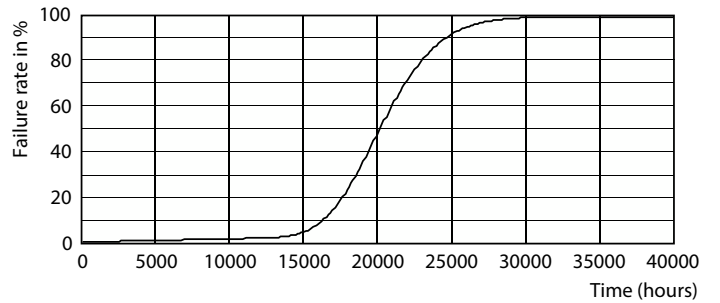
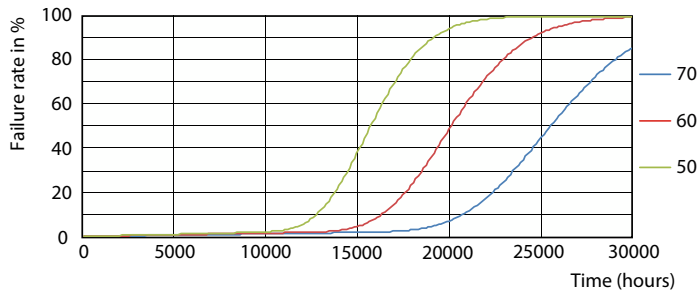
## Photometric data



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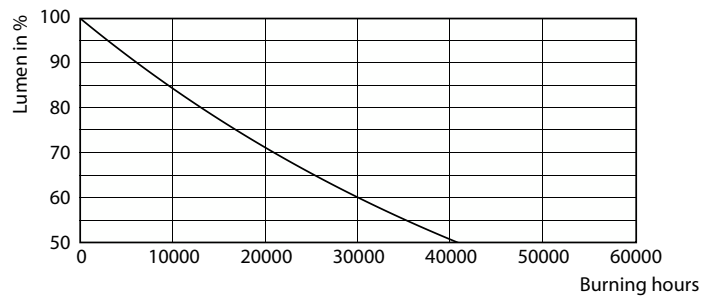
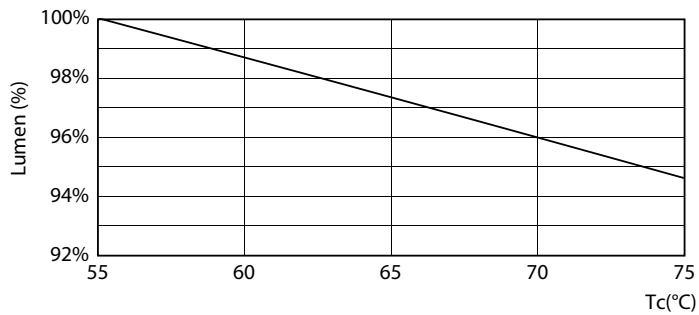
General uniform lighting - Ecofit LEDtube 1500mm 19.5W 840 T8

## Lifetime



Life Expectancy Diagram - Ecofit LEDtube 1500mm 19.5W 840 T8

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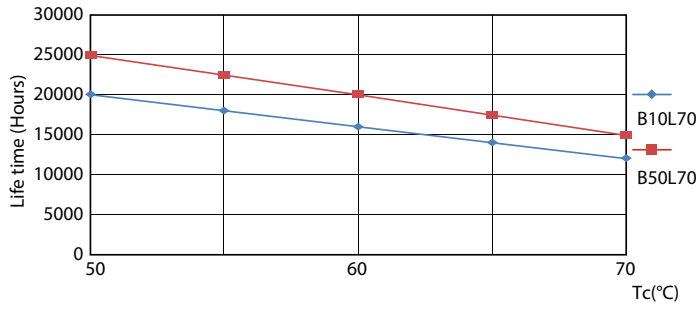


Lumen Maintenance Diagram - Ecofit LEDtube 1500mm 19.5W 840 T8

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