



# Ecofit Ledtubes T8



## Ecofit LEDtube 1200mm HO 18W 865 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	30,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	865 [CCT of 6500K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	240 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	1,800 lm	Power Consumption	18 W
Color Designation	Cool Daylight	Lamp Current (Nom)	147 mA
Correlated Color Temperature (Nom)	6500 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	100.00 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	36 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)	55 °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

## 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	18 kWh
EPREL Registration Number	491855

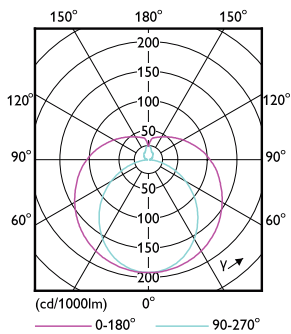
## Product Data

Order product name	Ecofit LEDtube 1200mm HO 18W 865 T8
Full product name	Ecofit LEDtube 1200mm HO 18W 865 T8
Full product code	871951426610000
Order code	929002446102
Material Nr. (12NC)	929002446102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514266100
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514266117

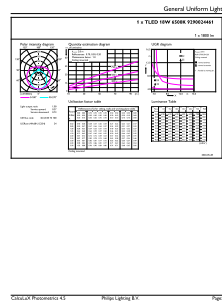
## Dimensional drawing

Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1200mm HO 18W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data



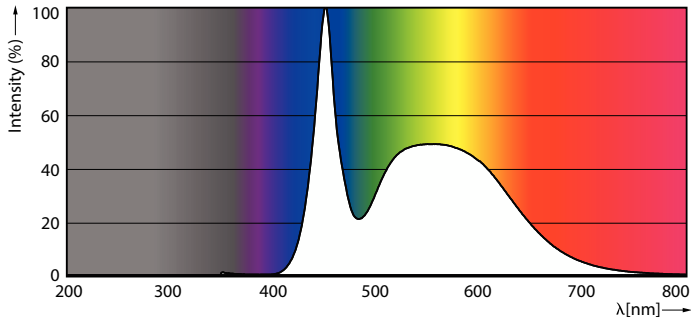
Light Distribution Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8



General uniform lighting - Ecofit LEDtube 1200mm HO 18W 865 T8

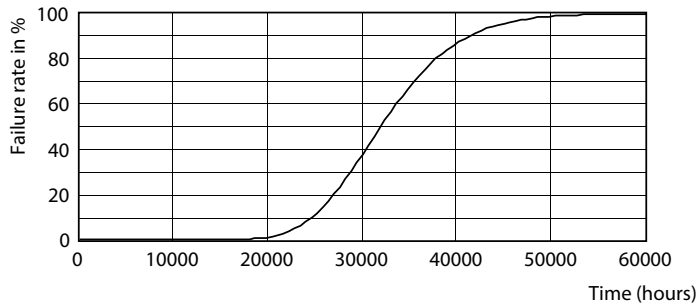
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## Photometric data

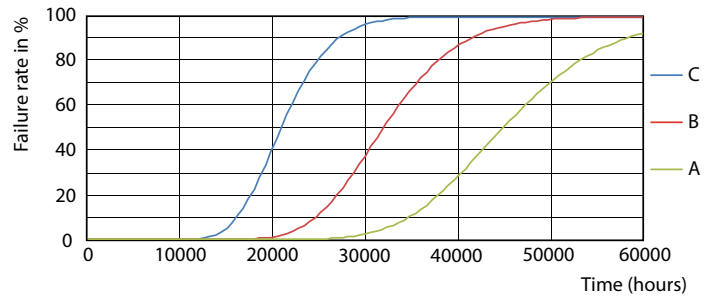


Spectral Power Distribution Colour - Ecofit LEDtube 1200mm HO 18W 865 T8

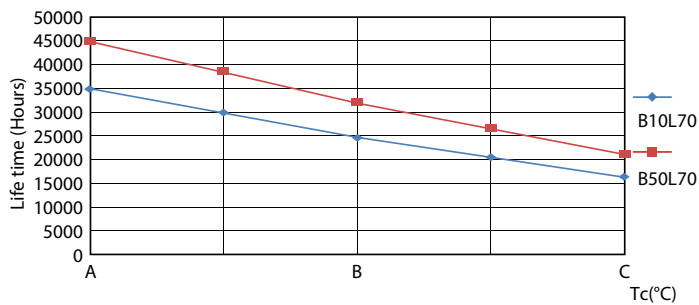
## Lifetime



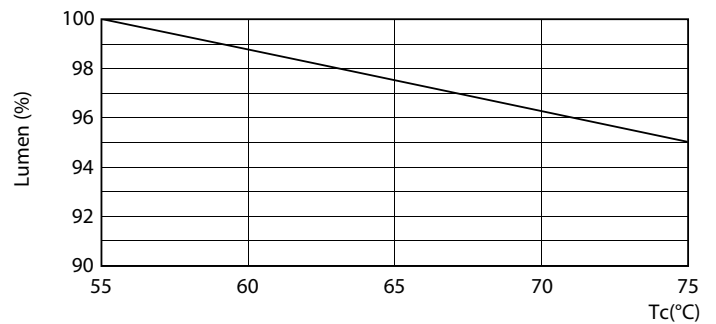
Life Expectancy Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8



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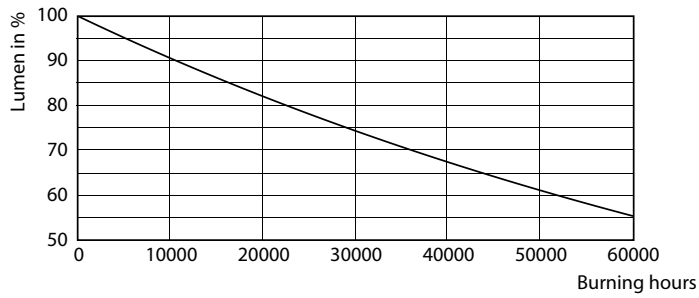
Life Expectancy Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8



Lumen Maintenance Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8

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## Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8

