



# Ecofit LED tubes T8



## Ecofit LEDtube 1500mm HO 23W 865 T8 S

Ecofit, LEDtube, T8, EM/Mains, 1500 mm, 22.3 W, 58W TL-D, 6500 K, 2300 lm, CRI 80, 30000 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	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,300 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	22.3 W
Lamp Current (Nom)	204 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	58W 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	1,500 mm
Bulb Shape	T8
Net Weight (Piece)	0.220 kg

## 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	23 kWh
EPREL Registration Number	491850
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1

Stroboscopic effect visibility measure (SVM)	0.3
Ambient temperature range	-20 °C to 45 °C

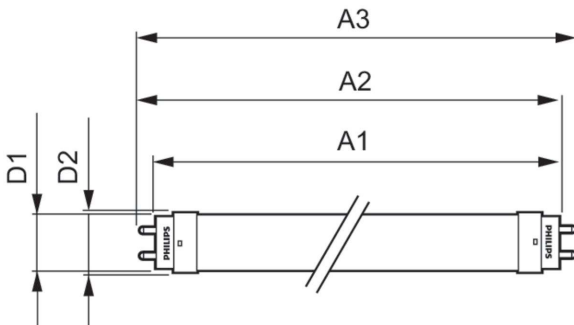
## Application Conditions

Wireless Technology	Not applicable
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## Product Data

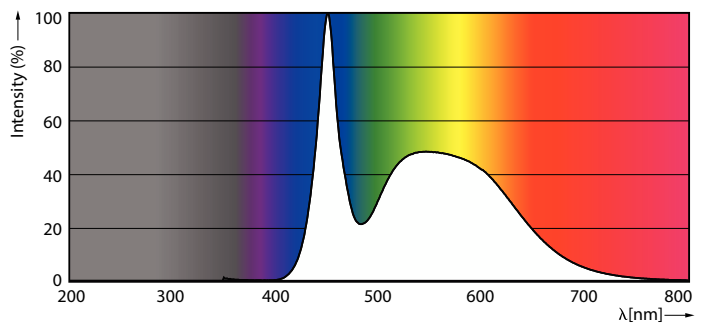
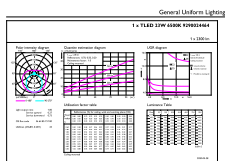
Order product name	Ecofit LEDtube 1500mm HO 23W 865 T8 S
Full product name	Ecofit LEDtube 1500mm HO 23W 865 T8 S
Full product code	871951426614800
Order code	929002446402
Material Nr. (12NC)	929002446402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514266148
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514266155

## Dimensional drawing



Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1500mm HO 23W 865 T8 S	25.7 mm	28 mm	1,498.5 mm	1,505.9 mm	1,513 mm

## Photometric data

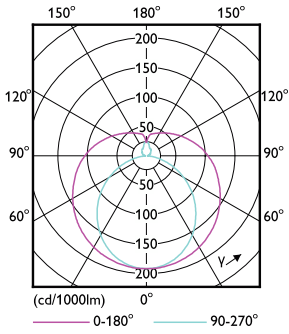


General uniform lighting - Ecofit LEDtube 1500mm HO 23W 865 T8 S

Spectral Power Distribution Colour - Ecofit LEDtube 1500mm HO 23W 865 T8 S

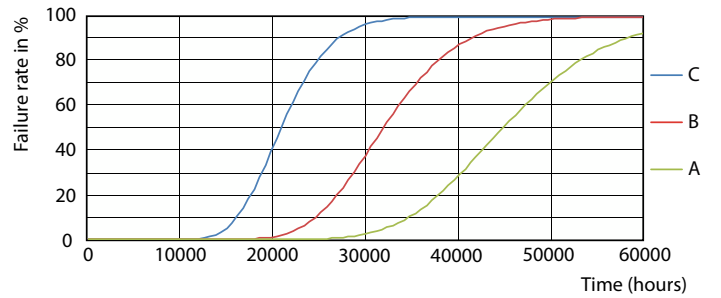
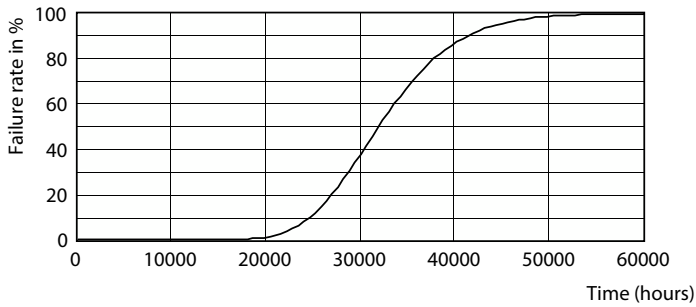
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## Photometric data

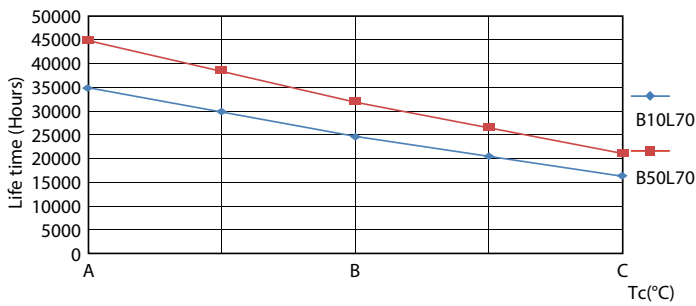


Light Distribution Diagram - Ecofit LEDtube 1500mm HO 23W 865 T8 S

## Lifetime

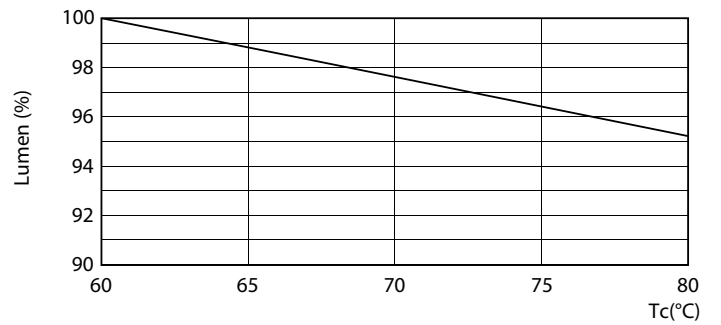


Life Expectancy Diagram



LEDtube 30K LifetimeVsTc

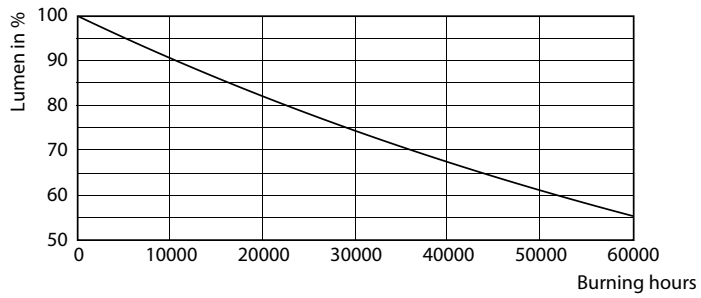
LEDtube 30K FailureRate



Lumen Maintenance Diagram - Ecofit LEDtube 1500mm HO 23W 865 T8 S

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### Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 1500mm HO 23W 865 T8 S

