



# Ecofit LED tubes T8



## Ecofit LEDtube 600mm 8W 865 T8

Ecofit, LEDtube, T8, EM/Mains, 600 mm, 8 W, 18W TL-D, 6500 K, 800 lm, CRI 80, 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
Flux measurement reference	Sphere
Warranty period	2 years
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	800 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	8 W
Lamp Current (Nom)	70 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	18W TL-D
Ballast Compatibility	EM/Mains
Temperature	
T-Case Maximum (Nom)	55 °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	600 mm
Bulb Shape	T8
Net Weight (Piece)	0.120 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	8 kWh
EPREL Registration Number	726132
EU RoHS compliant	Yes

Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1
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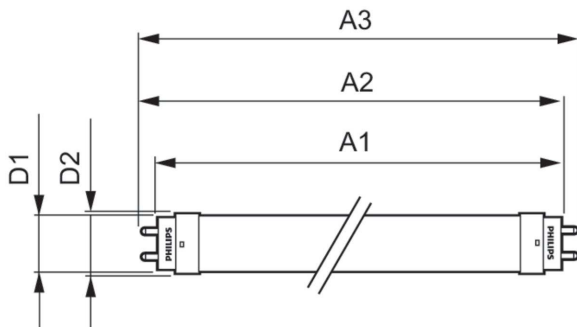
Stroboscopic effect visibility measure (SVM)	0.3
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Ambient temperature range	-20 °C to 45 °C
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## Product Data

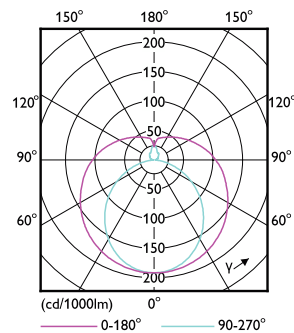
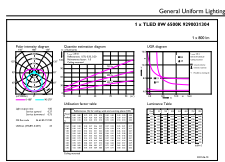
Order product name	Ecofit LEDtube 600mm 8W 865 T8
Full product name	Ecofit LEDtube 600mm 8W 865 T8
Full product code	871951440369700
Order code	929003130402
Material Nr. (12NC)	929003130402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403697
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514403703

## Dimensional drawing



Product	D1	D2	A1	A2	A3
Ecofit LEDtube 600mm 8W 865 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

## Photometric data

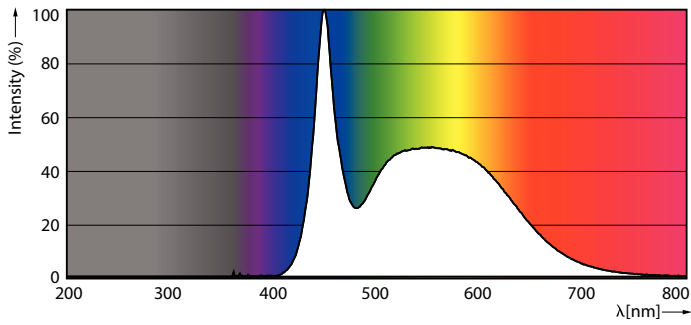


General uniform lighting - Ecofit LEDtube 600mm 8W 865 T8

Light Distribution Diagram - Ecofit LEDtube 600mm 8W 865 T8

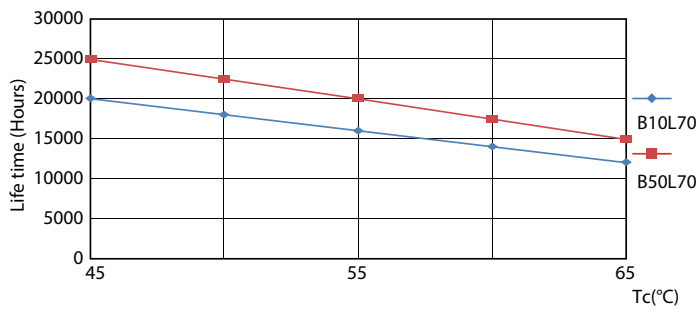
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## Photometric data

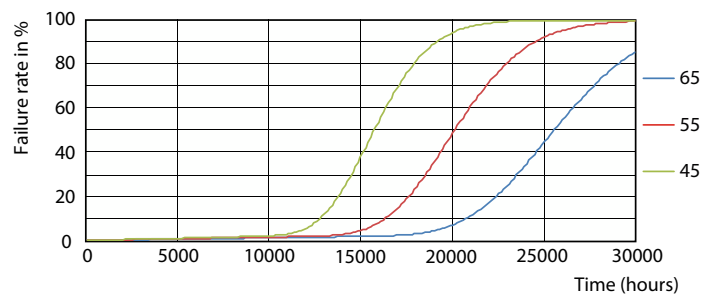


Spectral Power Distribution Colour - Ecofit LEDtube 600mm 8W 865 T8

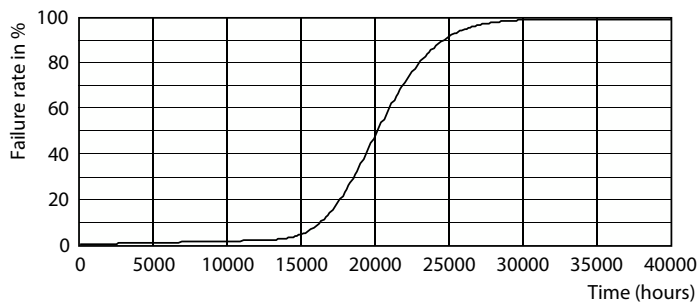
## Lifetime



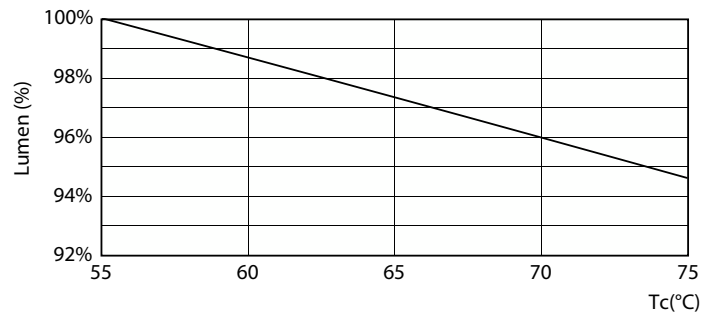
LifetimeVsTc



FailureRate



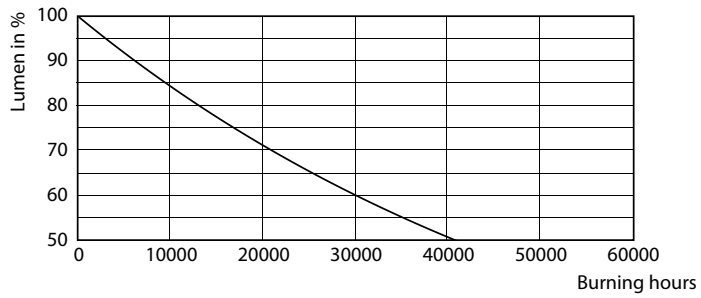
Life Expectancy Diagram



Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 865 T8

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### Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 865 T8

