

# Ecofit Ledtubes T8



## Ecofit LEDtube 1200mm 16W 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		Power Consumption	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	16 W
Nominal lifetime	20,000 hour(s)	Lamp Current (Nom)	134 mA
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
Flux measurement reference	Sphere	Power Factor (Fraction)	0.5
Light Technical		Voltage (Nom)	220-240 V
Color Code	865 [CCT of 6500K]	Ballast Compatibility	EM/Mains
Beam Angle (Nom)	240 degree(s)	LED alternative to fluorescent lamp power	36 W
Luminous Flux	1,600 lm	Temperature	
Color Designation	Cool Daylight	T-Case Maximum (Nom)	55 °C
Correlated Color Temperature (Nom)	6500 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Glass
Photobiological safety according to EN 62471	RGO	Product Length	1,200 mm
Operating and Electrical		Bulb Shape	T8
Line Frequency	50 to 60 Hz	Net Weight (Piece)	0.220 kg
Input Frequency	50 to 60 Hz		

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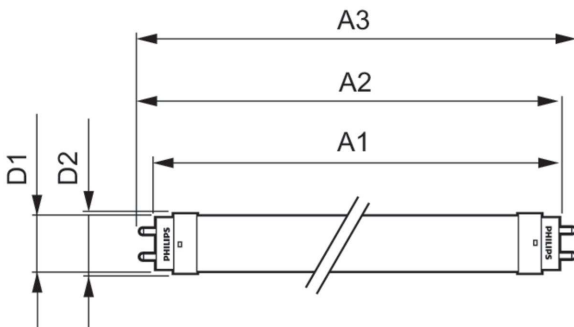
## Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh
EPREL Registration Number	726136
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

## Product Data

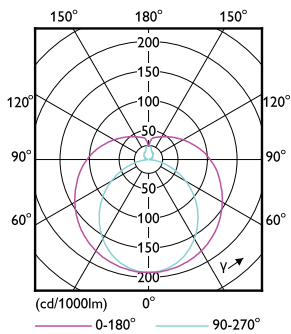
Order product name	Ecofit LEDtube 1200mm 16W 865 T8
Full product name	Ecofit LEDtube 1200mm 16W 865 T8
Full product code	871951440373400
Order code	929003130602
Material Nr. (12NC)	929003130602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403734
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514403741

## Dimensional drawing

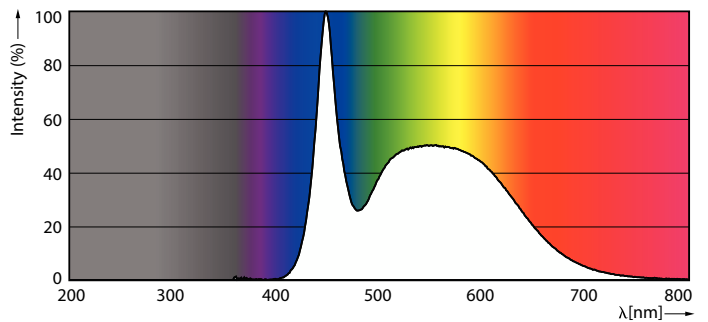


Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1200mm 16W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data



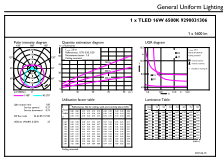
Light Distribution Diagram - Ecofit LEDtube 1200mm 16W 865 T8



Spectral Power Distribution Colour - Ecofit LEDtube 1200mm 16W 865 T8

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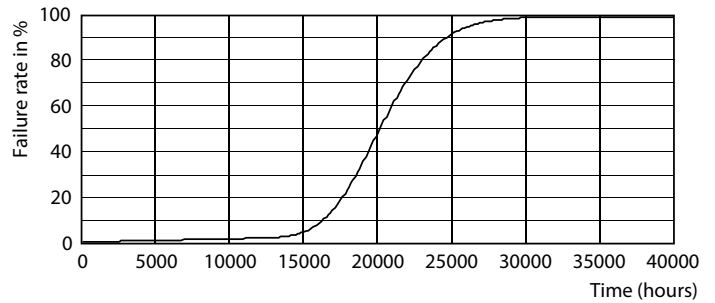
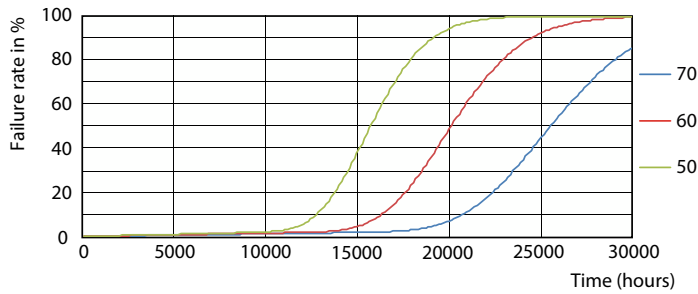
## Photometric data



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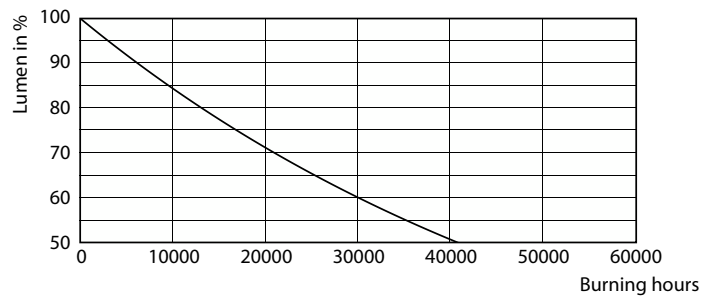
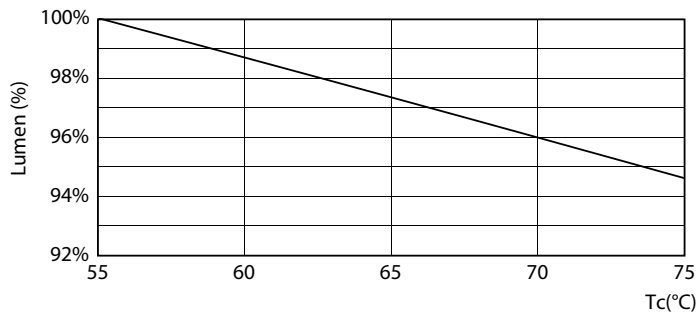
General uniform lighting - Ecofit LEDtube 1200mm 16W 865 T8

## Lifetime



LEDtube ECO SLR 16W 20K FailureRate-LED

Life Expectancy Diagram

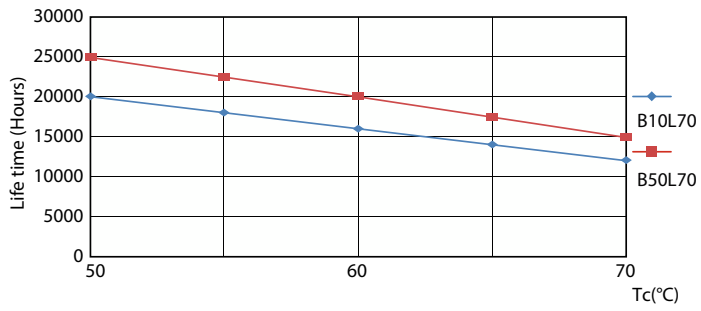


Lumen Maintenance Diagram - Ecofit LEDtube 1200mm 16W 865 T8

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## Lifetime



LEDtube ECO SLR 16W 20K LifetimeVsTc-LED

