



Ecofit Ledtubes T8



Ecofit LEDtube 600mm 8W 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	8 W
Nominal lifetime	20,000 hour(s)	Lamp Current (Nom)	70 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	18 W
Luminous Flux	800 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	RG0	Product Length	600 mm
Operating and Electrical		Bulb Shape	T8
Line Frequency	50 to 60 Hz	Net Weight (Piece)	0.120 kg
Input Frequency	50 to 60 Hz		

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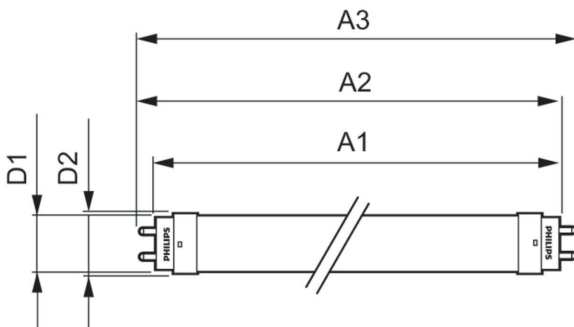
Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	726132
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

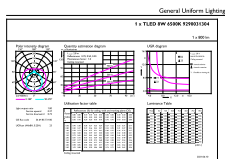
Order product name	Ecofit LEDtube 600mm 8W 865 T8
Full product name	Ecofit LEDtube 600mm 8W 865 T8
Full product code	871951440369700
Order code	929003130402
Material Nr. (12NC)	929003130402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403697
Numerator - Packs per outer box	20
EAN/UPC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

Dimensional drawing

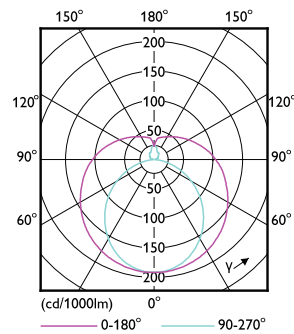


Product	D1	D2	A1	A2	A3
Ecofit LEDtube 600mm 8W 865 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



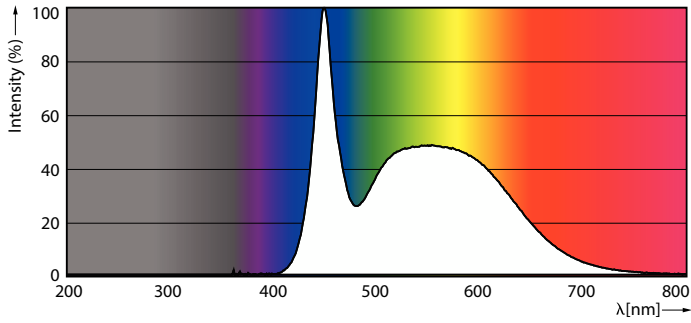
General uniform lighting - Ecofit LEDtube 600mm 8W 865 T8



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

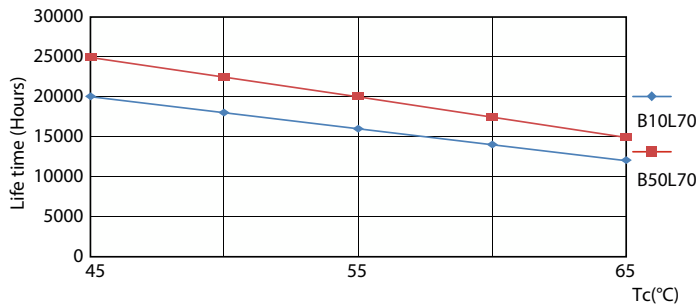
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Photometric data

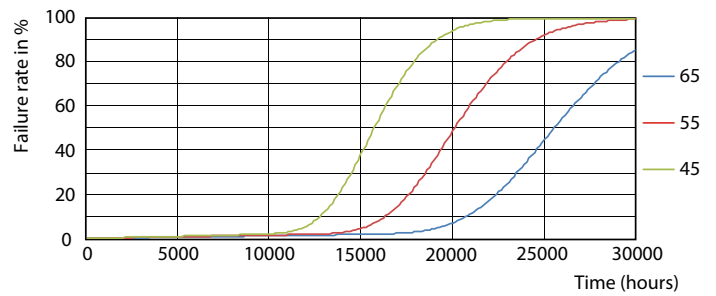


Spectral Power Distribution Colour - Ecofit LEDtube 600mm 8W 865 T8

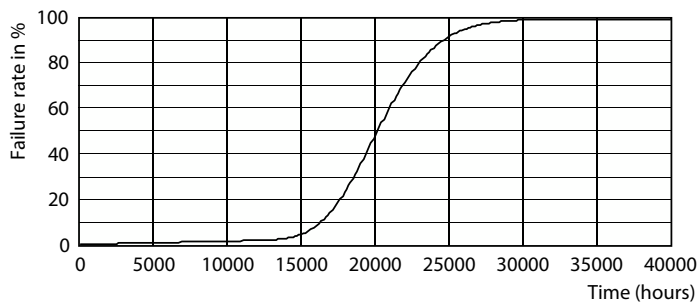
Lifetime



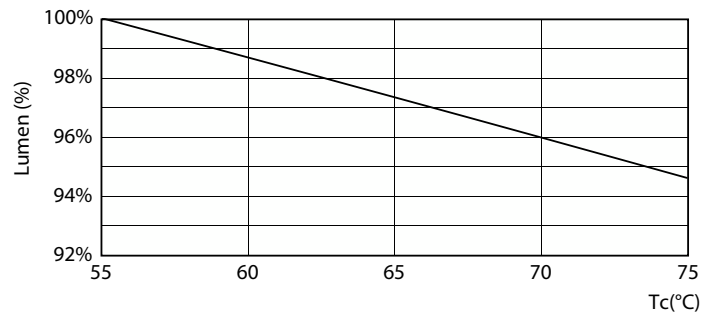
LifetimeVsTc



FailureRate



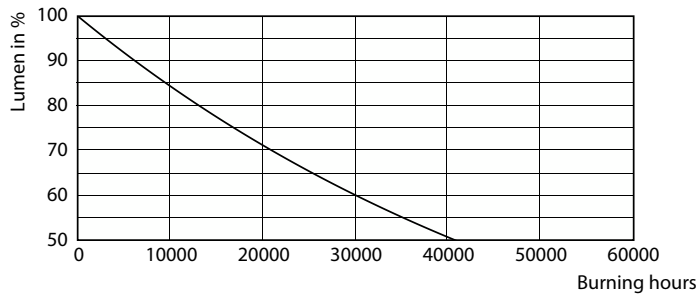
Life Expectancy Diagram



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

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Lifetime



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

