



Ecofit Ledtubes T8



Ecofit LEDtube 600mm 8W 840 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	20,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	8 W
EU RoHS compliant	Yes	Lamp Current (Nom)	70 mA
		Starting Time (Nom)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	840 [CCT of 4000K]	Power Factor (Fraction)	0.5
Beam Angle (Nom)	240 degree(s)	Voltage (Nom)	220-240 V
Luminous Flux	800 lm	LED alternative to fluorescent lamp power	18 W
Color Designation	Cool White (CW)	Ballast Compatibility	EM/Mains
Correlated Color Temperature (Nom)	4000 K	Temperature	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Ambient temperature range	-20 °C to 45 °C
Color Consistency	<6	T-Case Maximum (Nom)	55 °C
Color rendering index (CRI)	80	Controls and Dimming	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	No
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1		
Stroboscopic effect visibility measure (SVM)	0.3		

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 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	8 kWh
EPREL Registration Number	726135

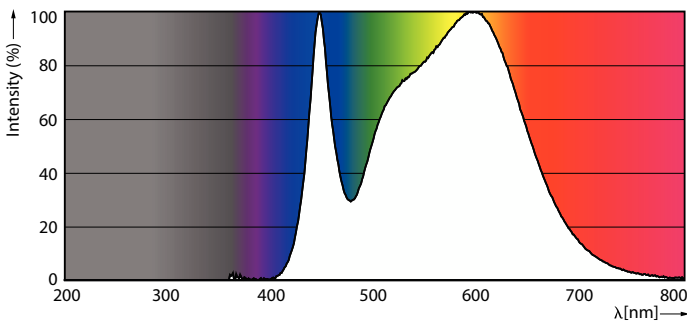
Product Data

Order product name	Ecofit LEDtube 600mm 8W 840 T8
Full product name	Ecofit LEDtube 600mm 8W 840 T8
Full product code	871951440367300
Order code	929003130302
Material Nr. (12NC)	929003130302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403673
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514403680

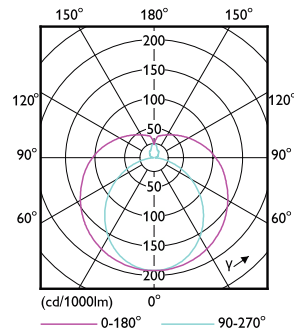
Dimensional drawing

Product	D1	D2	A1	A2	A3
Ecofit LEDtube 600mm 8W 840 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



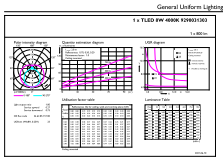
Spectral Power Distribution Colour - Ecofit LEDtube 600mm 8W 840 T8



Light Distribution Diagram - Ecofit LEDtube 600mm 8W 840 T8

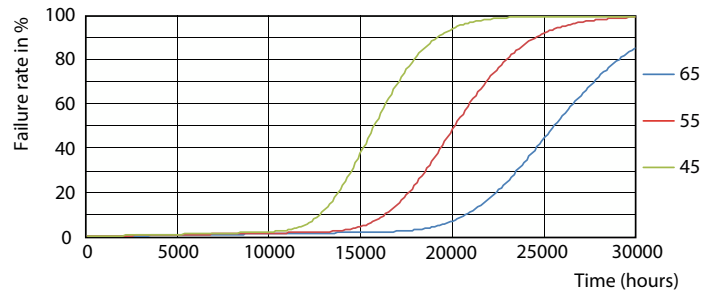
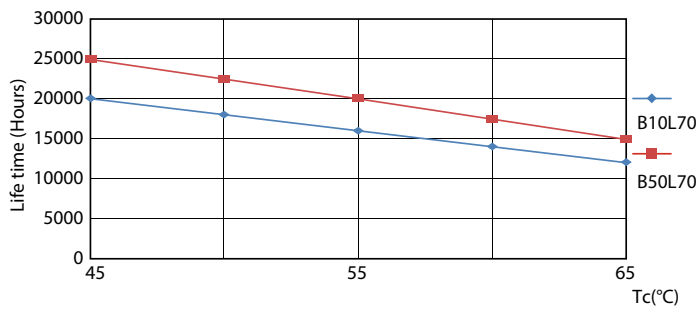
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Photometric data



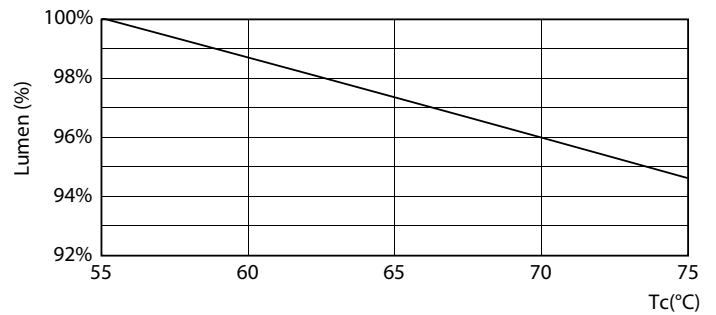
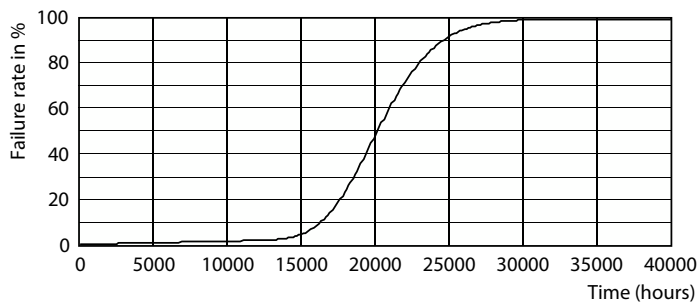
General uniform lighting - Ecofit LEDtube 600mm 8W 840 T8

Lifetime



Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 840 T8

Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 840 T8

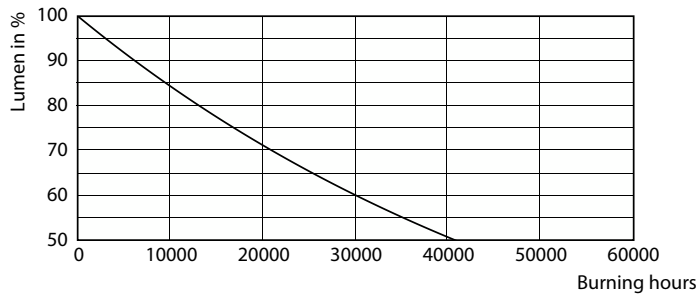


Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 840 T8

Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 840 T8

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Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 840 T8

