



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

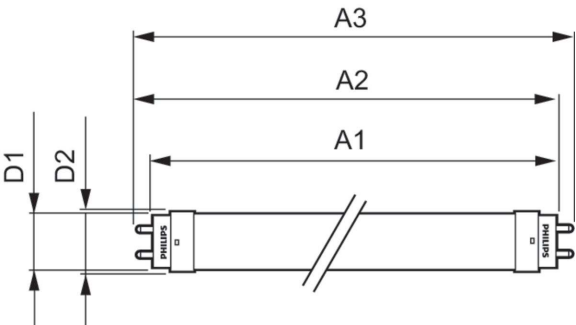
General Information		Power Consumption	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Nom)	8 W
Nominal lifetime	20,000 hour(s)	Starting Time (Nom)	70 mA
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.5
Flux measurement reference	Sphere	Voltage (Nom)	220-240 V
Light Technical		LED alternative to fluorescent lamp power	18 W
Color Code	865 [CCT of 6500K]	Ballast Compatibility	EM/Mains
Beam Angle (Nom)	240 degree(s)	Temperature	
Luminous Flux	800 lm	T-Case Maximum (Nom)	55 °C
Color Designation	Cool Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	6500 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	80	Bulb Material	Glass
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	600 mm
Photobiological safety according to EN 62471	RG0	Bulb Shape	T8
Operating and Electrical		Net Weight (Piece)	0.120 kg
Line Frequency	50 to 60 Hz		
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

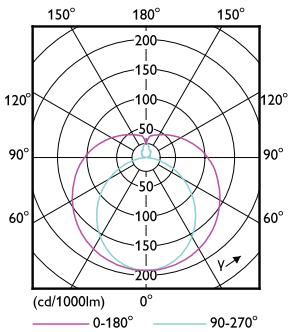
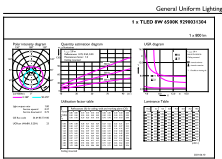
Product Data	
Order product name	Ecofit LEDtube 600mm 8W 865 T8
Full product name	Ecofit LEDtube 600mm 8W 865 T8
Full product code	871951440369700
Order code	40369700
Material Nr. (12NC)	929003130402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403697
Numerator - Packs per outer box	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

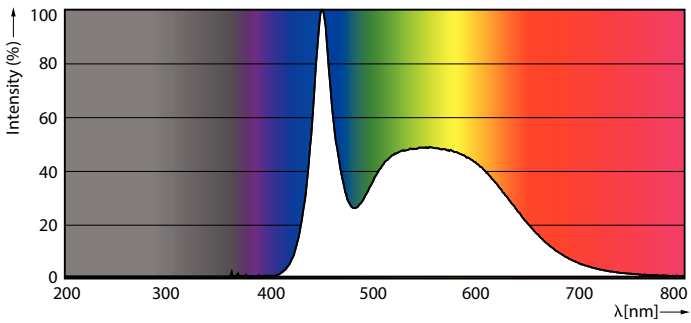


General uniform lighting - Ecofit LEDtube 600mm 8W 865 T8

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

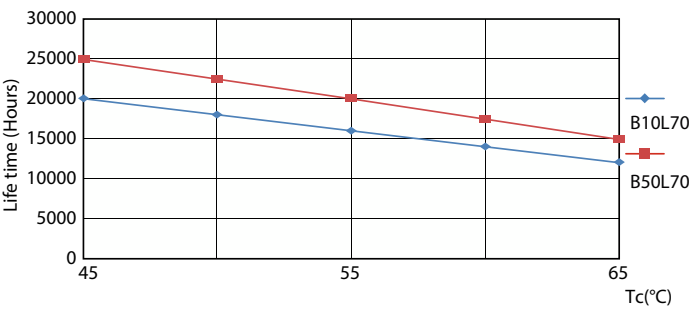
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Photometric data

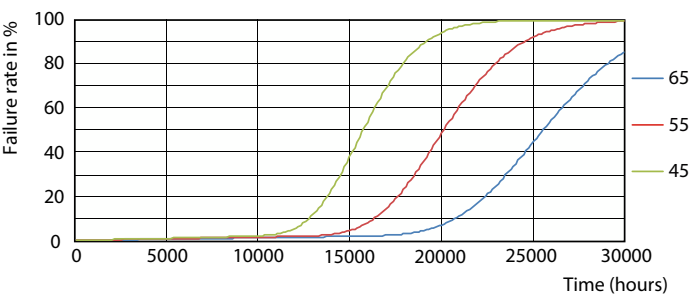


Spectral Power Distribution Colour - Ecofit LEDtube 600mm 8W 865 T8

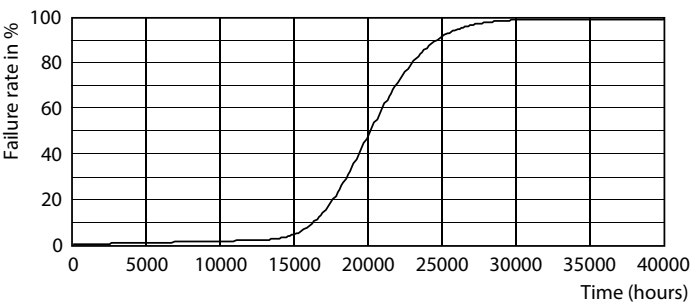
Lifetime



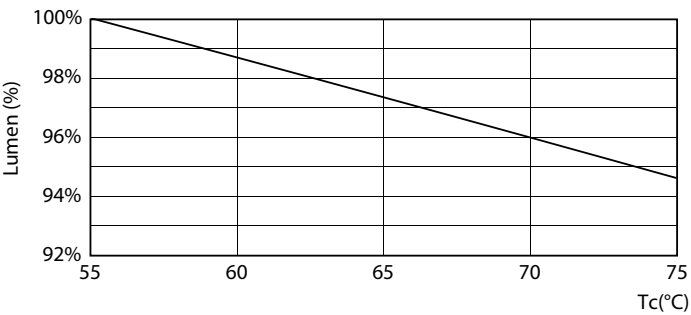
LifetimeVsTc



FailureRate



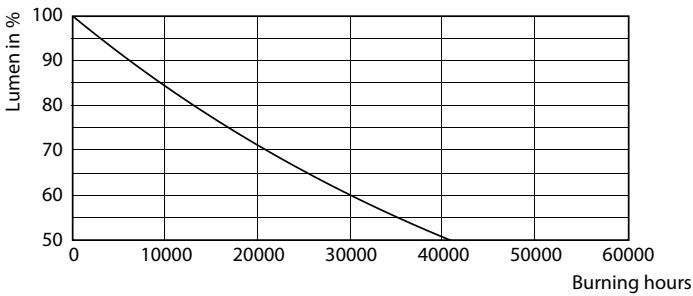
Life Expectancy Diagram



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

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Lifetime



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

