



Ecofit LED tubes T8

Ecofit LEDtube T8 600mm 800lm 8W840 I

Ecofit, LEDtube, T8, EM, 600 mm, 220-240 V, 8 W, 18W TL-D, 4000 K, 800 lm, 15000 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	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	800 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 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	
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Nom)	70 mA
Wattage Equivalent	18 W
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
Temperature	
T-Case Maximum (Nom)	55 °C
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

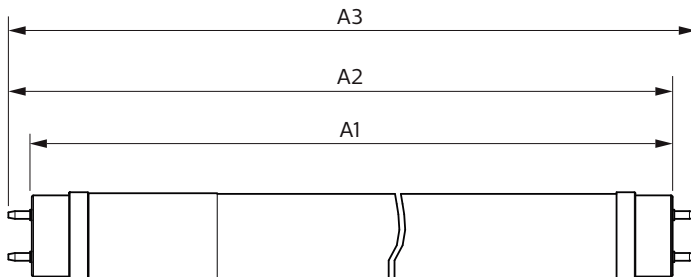
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Product Data

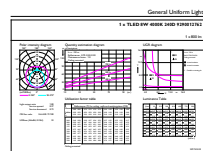
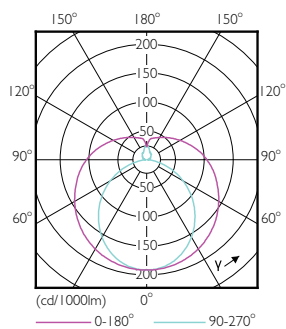
Order product name	Ecofit LEDtube T8 600mm 800lm 8W840 I
Full product name	Ecofit LEDtube T8 600mm 800lm 8W840 I
Full product code	871869976897300
Order code	929001276268
Material Nr. (12NC)	929001276268
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699768973
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699768980

Dimensional drawing



Product	D1	D2	A1	A2	A3
Ecofit LEDtube T8 600mm 800lm 8W840 I	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

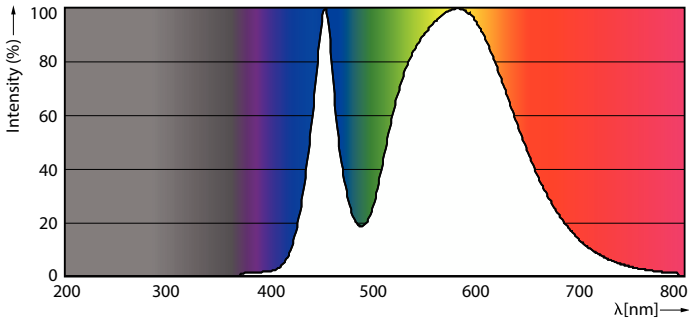


Light Distribution Diagram - Ecofit LEDtube T8 600mm 800lm 8W840 I

General uniform lighting - Ecofit LEDtube T8 600mm 800lm 8W840 I

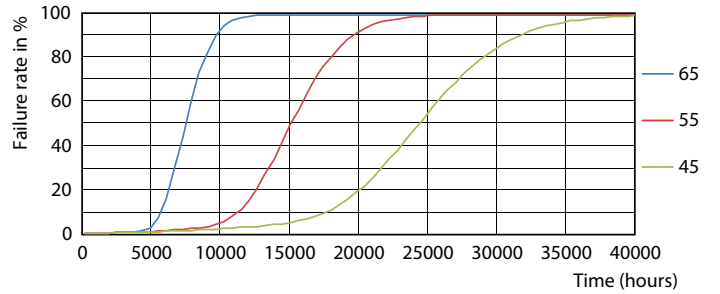
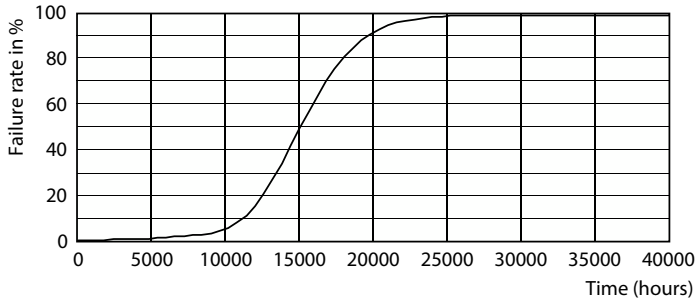
Ecofit LED tubes T8

Photometric data

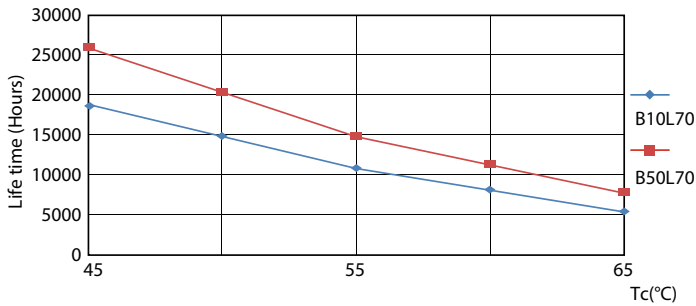


Spectral Power Distribution Colour - Ecofit LEDtube T8 600mm 800lm 8W840 I

Lifetime

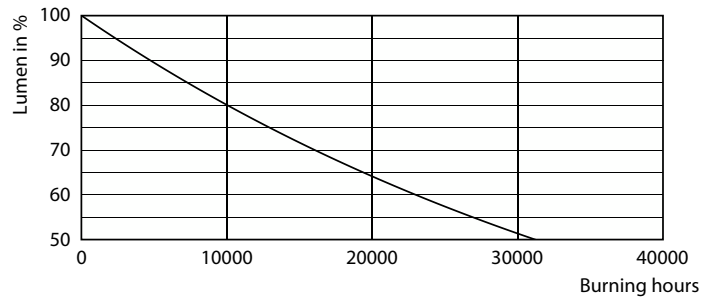


Life Expectancy Diagram



LifetimeVsTc

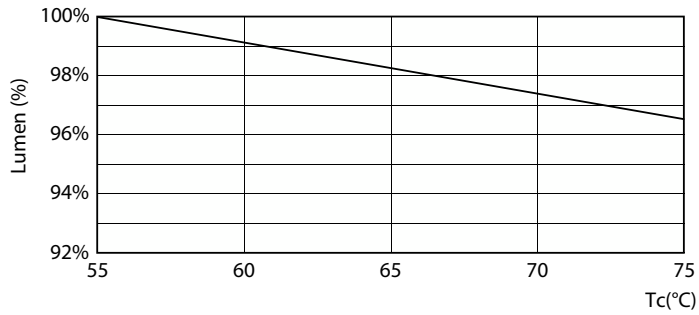
FailureRate



Lumen Maintenance Diagram - Ecofit LEDtube T8 600mm 800lm 8W840 I

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Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube T8 600mm 800lm 8W840 I

