



Ecofit Ledtubes T8



Ecofit LEDtube 1500mm 19.5W 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		Power Consumption	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	19.5 W
Nominal lifetime	20,000 hour(s)	Lamp Current (Nom)	155 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	840 [CCT of 4000K]	Ballast Compatibility	EM/Mains
Beam Angle (Nom)	240 degree(s)	LED alternative to fluorescent lamp power	54 W
Luminous Flux	2,000 lm	Temperature	
Color Designation	Cool White (CW)	T-Case Maximum (Nom)	60 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	102.00 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	1,500 mm
Operating and Electrical		Bulb Shape	T8
Line Frequency	50 to 60 Hz	Net Weight (Piece)	0.270 kg
Input Frequency	50 to 60 Hz		

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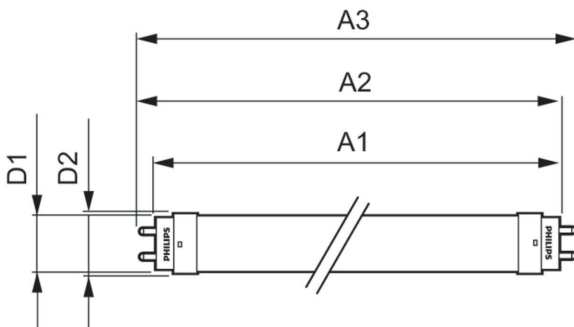
Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	726131
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

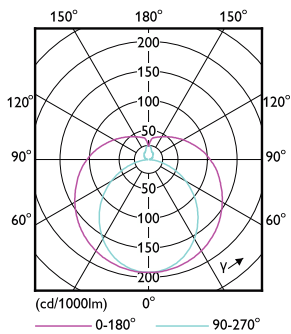
Order product name	Ecofit LEDtube 1500mm 19.5W 840 T8
Full product name	Ecofit LEDtube 1500mm 19.5W 840 T8
Full product code	871951440375800
Order code	929003130702
Material Nr. (12NC)	929003130702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403758
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514403765

Dimensional drawing

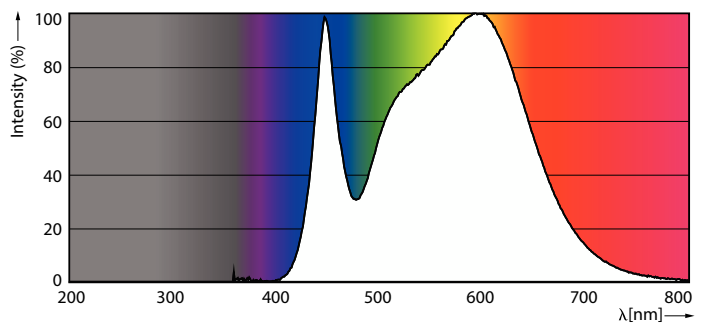


Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1500mm 19.5W 840 T8	25.7 mm	28 mm	1,498.5 mm	1,505.9 mm	1,513 mm

Photometric data



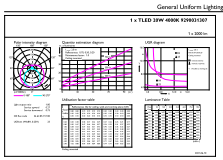
Light Distribution Diagram - Ecofit LEDtube 1500mm 19.5W 840 T8



Spectral Power Distribution Colour - Ecofit LEDtube 1500mm 19.5W 840 T8

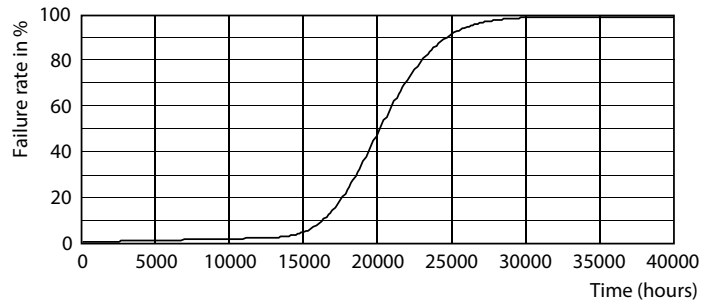
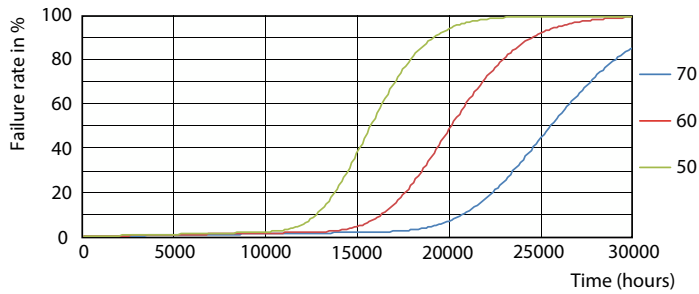
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Photometric data



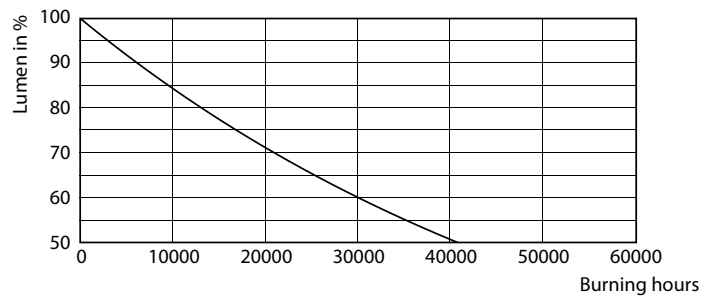
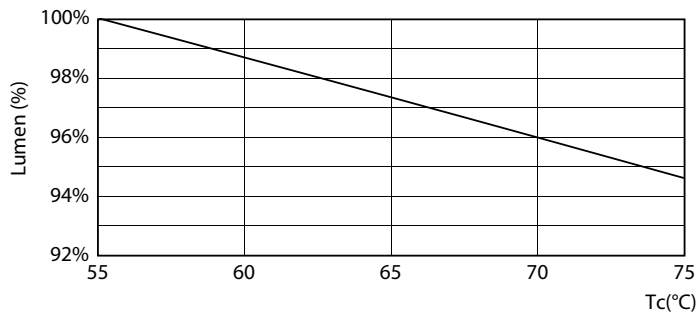
General uniform lighting - Ecofit LEDtube 1500mm 19.5W 840 T8

Lifetime



LEDtube ECO SLR 16W 20K FailureRate-LED

Life Expectancy Diagram

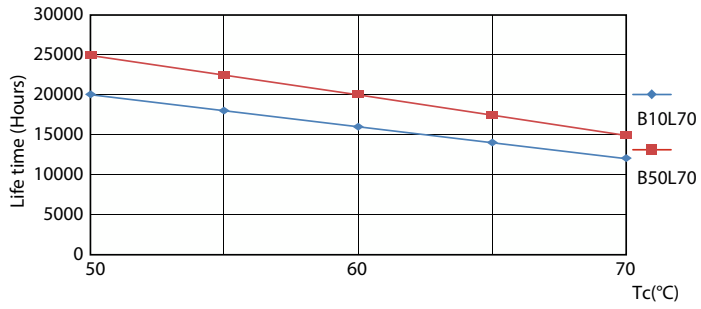


Lumen Maintenance Diagram - Ecofit LEDtube 1500mm 19.5W 840 T8

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Lifetime



LEDtube ECO SLR 16W 20K LifetimeVsTc-LED

