



Ecofit Ledtubes T8



Ecofit LEDtube 1500mm 19.5W 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

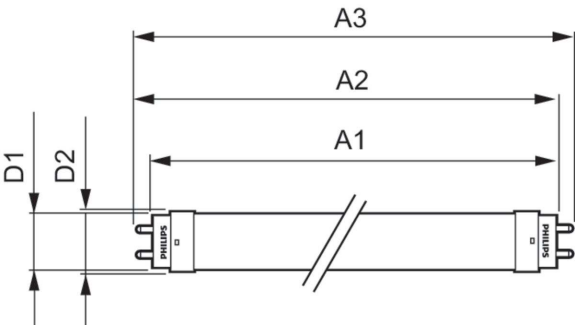
General Information		Power Consumption	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Nom)	155 mA
Nominal lifetime	20,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.5
Flux measurement reference	Sphere	Voltage (Nom)	220-240 V
Light Technical		LED alternative to fluorescent lamp power	54 W
Color Code	865 [CCT of 6500K]	Ballast Compatibility	EM/Mains
Beam Angle (Nom)	240 degree(s)	Temperature	
Luminous Flux	2,000 lm	T-Case Maximum (Nom)	60 °C
Color Designation	Cool Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	6500 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	102.00 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	1,500 mm
Photobiological safety according to EN 62471	RG0	Bulb Shape	T8
Operating and Electrical		Net Weight (Piece)	0.270 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	20 kWh
EPREL Registration Number	726133
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

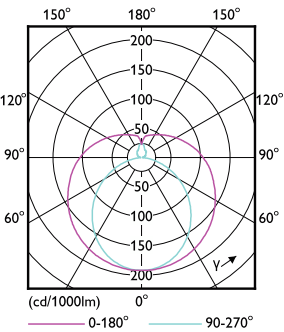
Product Data	
Order product name	Ecofit LEDtube 1500mm 19.5W 865 T8
Full product name	Ecofit LEDtube 1500mm 19.5W 865 T8
Full product code	871951440377200
Order code	40377200
Material Nr. (12NC)	929003130802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403772
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514403789

Dimensional drawing

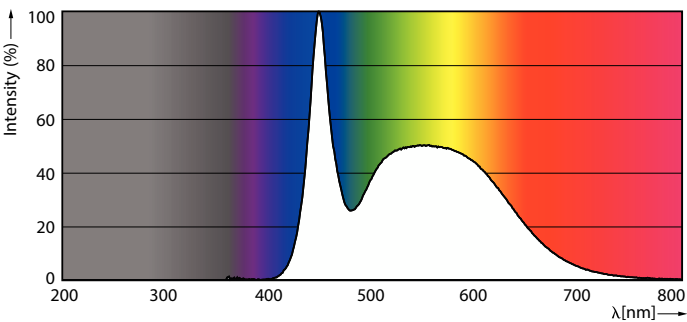


Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1500mm 19.5W 865 T8	25.7 mm	28 mm	1,498.5 mm	1,505.9 mm	1,513 mm

Photometric data



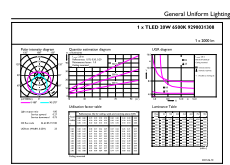
Light Distribution Diagram - Ecofit LEDtube 1500mm 19.5W 865 T8



Spectral Power Distribution Colour - Ecofit LEDtube 1500mm 19.5W 865 T8

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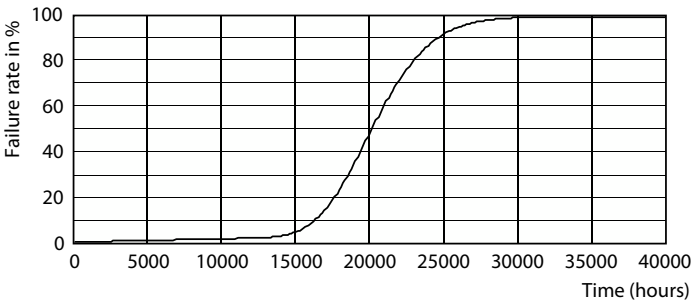
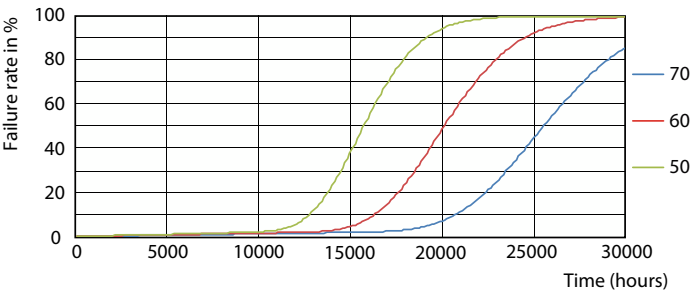
Photometric data



General Uniform Lighting - Ecofit LEDtube 1500mm 19.5W 865 T8

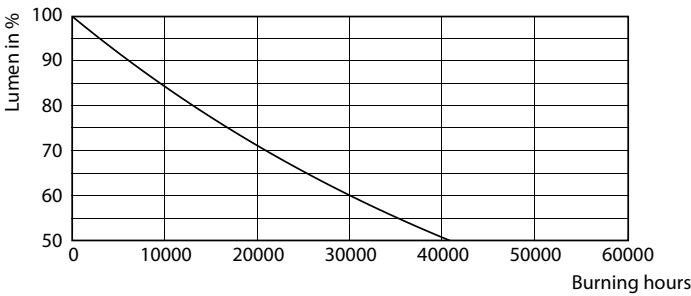
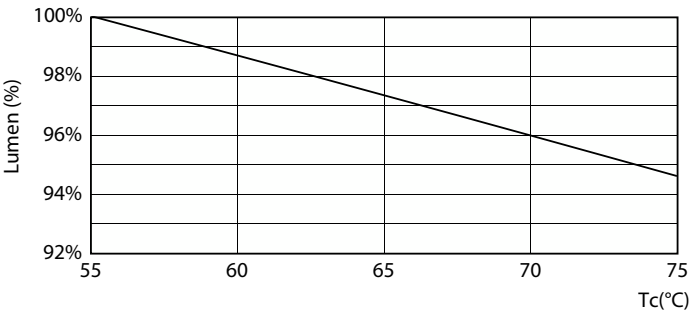
General uniform lighting - Ecofit LEDtube 1500mm 19.5W 865 T8

Lifetime



LEDtube ECO SLR 16W 20K FailureRate-LED

Life Expectancy Diagram

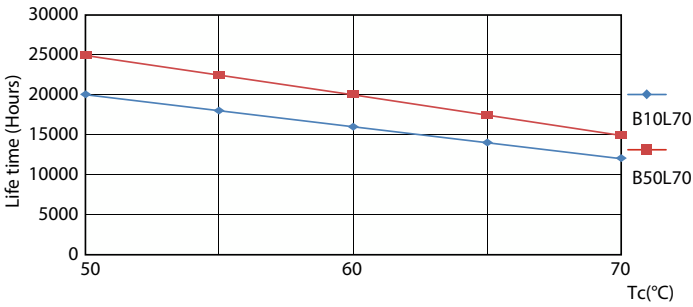


Lumen Maintenance Diagram - Ecofit LEDtube 1500mm 19.5W 865 T8

Lumen Maintenance Diagram - Ecofit LEDtube 1500mm 19.5W 865 T8

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Lifetime



LEDtube ECO SLR 16W 20K LifetimeVsTc-LED

