PHILIPS

Lighting



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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	20,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,000 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	102.00 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	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	19.5 W
Lamp Current (Nom)	155 mA
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	54 W
Ballast Compatibility	EM/Mains

Temperature	
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

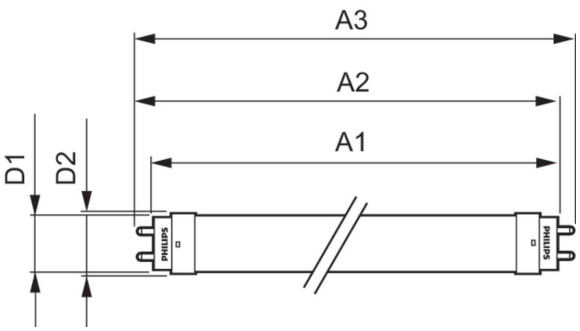
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	T8
Net Weight (Piece)	0.270 kg

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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

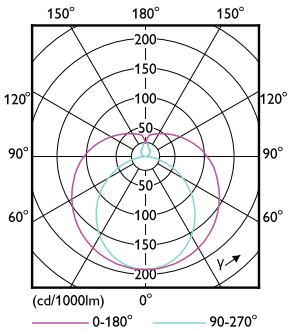
Product Data	
Order product name	Ecofit LEDtube 1500mm 19.5W 865 T8
Full product name	Ecofit LEDtube 1500mm 19.5W 865 T8
Full product code	871951440377200
Order code	929003130802
Material Nr. (12NC)	929003130802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514403772
Numerator - Packs per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

Dimensional drawing

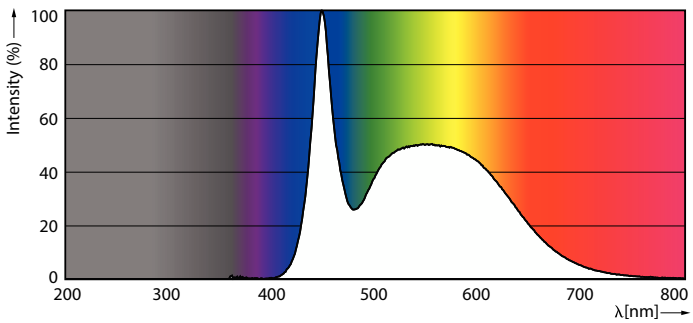


Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1500mm 19.5W 865 T8	25.7 mm	28 mm	1,498.5 mm	1,505.9 mm	1,513 mm

Photometric data



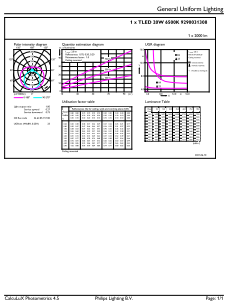
Light Distribution Diagram - Ecofit LEDtube 1500mm 19.5W 865 T8



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

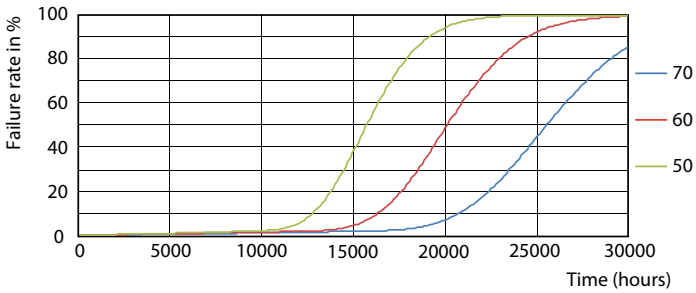
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Photometric data

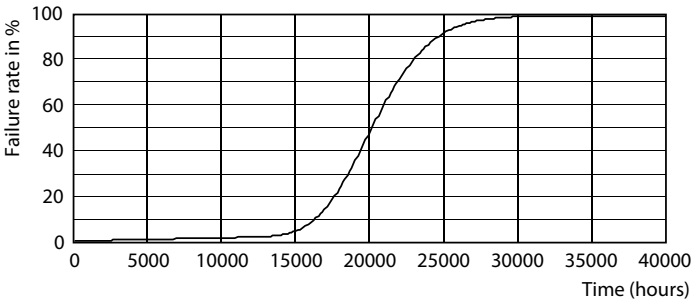


General uniform lighting - Ecofit LEDtube 1500mm 19.5W 865 T8

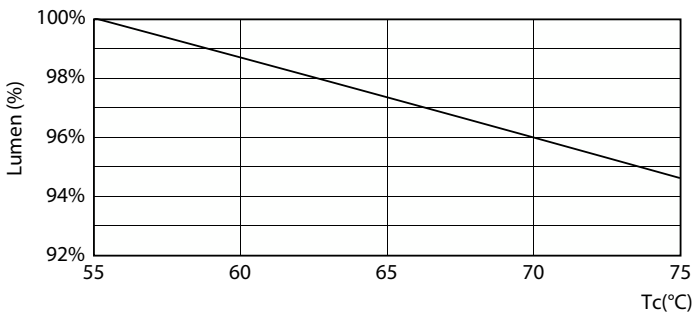
Lifetime



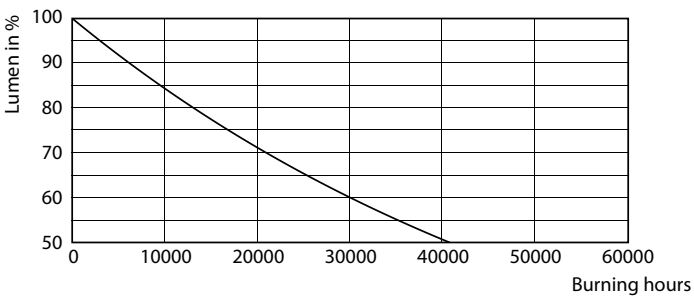
LEDtube ECO SLR 16W 20K FailureRate-LED



Life Expectancy Diagram



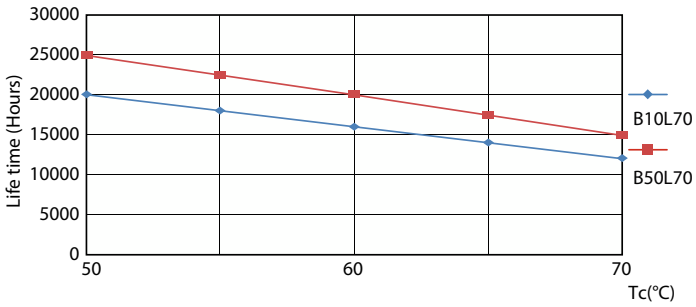
Lumen Maintenance Diagram - Ecofit LEDtube 1500mm 19.5W 865 T8



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

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Lifetime



LEDtube ECO SLR 16W 20K LifetimeVsTc-LED

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