



Ecofit Ledtubes T8



Ecofit LEDtube 1200mm 16W 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	20,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,600 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM)	0.1
Stroboscopic effect value (SVM)	0.3
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	16 W
Lamp Current (Nom)	134 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	36 W
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm

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Bulb Shape	T8
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	16 kWh
EPREL Registration Number	726134

Product Data

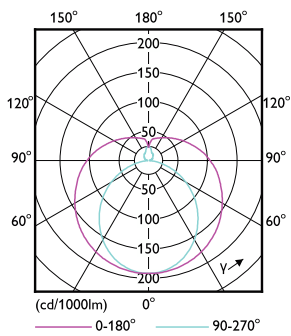
Full product code	871951440371000
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Order product name	Ecofit LEDtube 1200mm 16W 840 T8
Order code	929003130502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929003130502
Full product name	Ecofit LEDtube 1200mm 16W 840 T8
EAN/UPC - Case	8719514403727
EAN/UPC - Product/Case	8719514403710

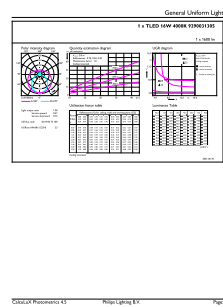
Dimensional drawing

Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1200mm 16W 840 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



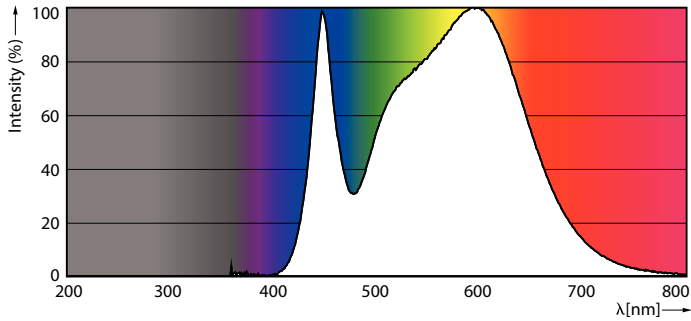
Light Distribution Diagram - Ecofit LEDtube 1200mm 16W 840 T8



General uniform lighting - Ecofit LEDtube 1200mm 16W 840 T8

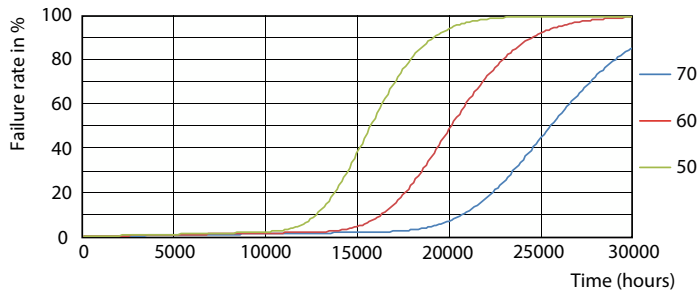
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Photometric data

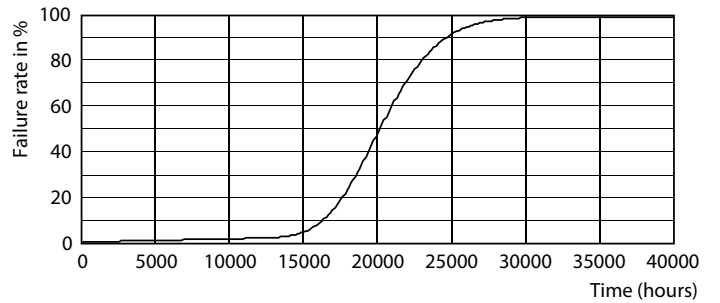


Spectral Power Distribution Colour - Ecofit LEDtube 1200mm 16W 840 T8

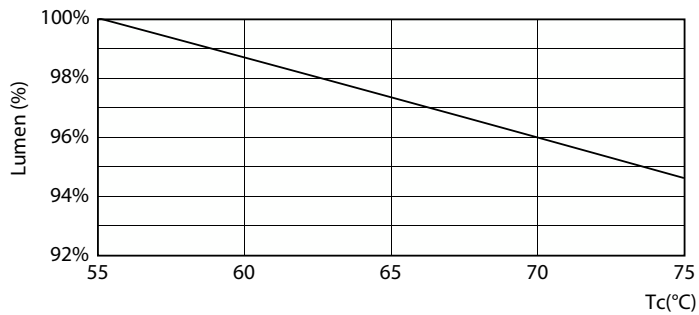
Lifetime



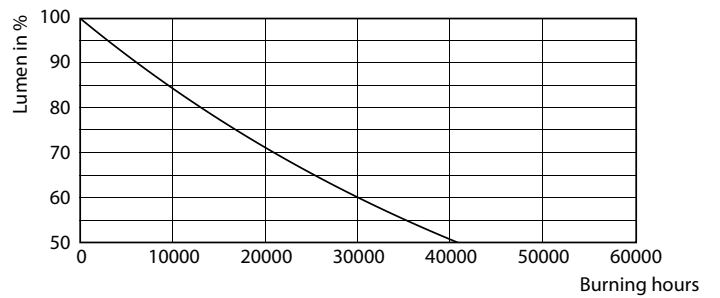
Life Expectancy Diagram - Ecofit LEDtube 1200mm 16W 840 T8



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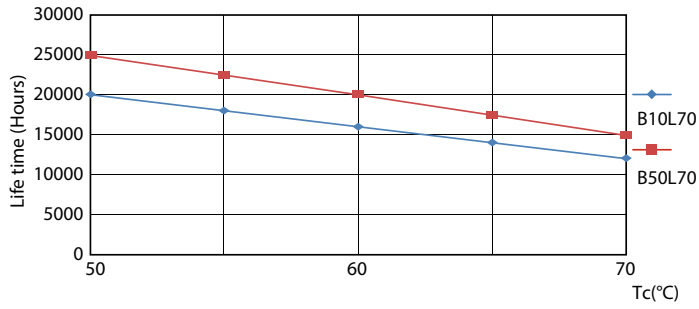
Lumen Maintenance Diagram - Ecofit LEDtube 1200mm 16W 840 T8



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Lifetime



Life Expectancy Diagram - Ecofit LEDtube 1200mm 16W 840 T8

