



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 | | Photobiological safety according to EN 62471 | |
|---|---------------------------------|--|-----------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | RG0 | |
| Nominal lifetime | 20,000 hour(s) | Operating and Electrical | |
| Switching Cycle | 50,000 | Line Frequency | 50 to 60 Hz |
| Lighting Technology | LED | Input Frequency | 50 to 60 Hz |
| Flux measurement reference | Sphere | Power Consumption | 16 W |
| EU RoHS compliant | Yes | Lamp Current (Nom) | 134 mA |
| | | Starting Time (Nom) | 0.5 s |
| Light Technical | | Warm-up time to 60% light | 0.5 s |
| Color Code | 840 [CCT of 4000K] | Power Factor (Fraction) | 0.5 |
| Beam Angle (Nom) | 240 degree(s) | Voltage (Nom) | 220-240 V |
| Luminous Flux | 1,600 lm | LED alternative to fluorescent lamp power | 36 W |
| Color Designation | Cool White (CW) | Ballast Compatibility | EM/Mains |
| Correlated Color Temperature (Nom) | 4000 K | Temperature | |
| Luminous Efficacy (rated) (Nom) | 100.00 lm/W | Ambient temperature range | -20 °C to 45 °C |
| Color Consistency | <6 | T-Case Maximum (Nom) | 55 °C |
| Color rendering index (CRI) | 80 | Controls and Dimming | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | Dimmable | No |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 0.1 | | |
| Stroboscopic effect visibility measure (SVM) | 0.3 | | |

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Mechanical and Housing

| | |
|----------------|----------|
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Product Length | 1,200 mm |
| 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 |

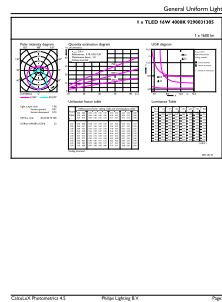
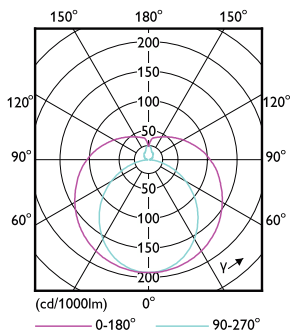
Product Data

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

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

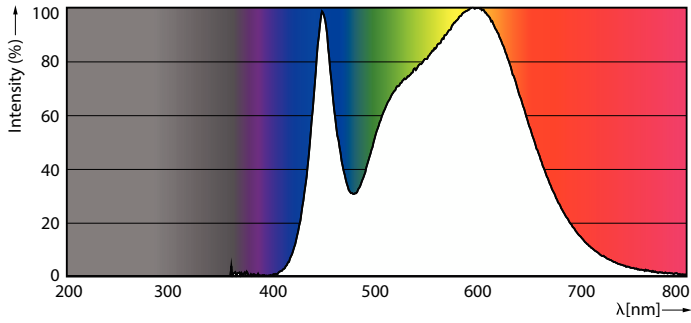


Light Distribution Diagram - Ecofit LEDtube 1200mm 16W 840 T8

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

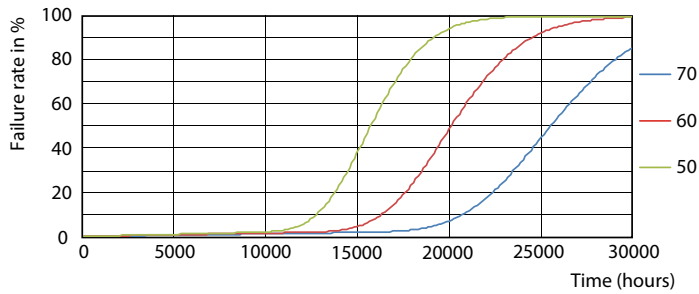
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Photometric data

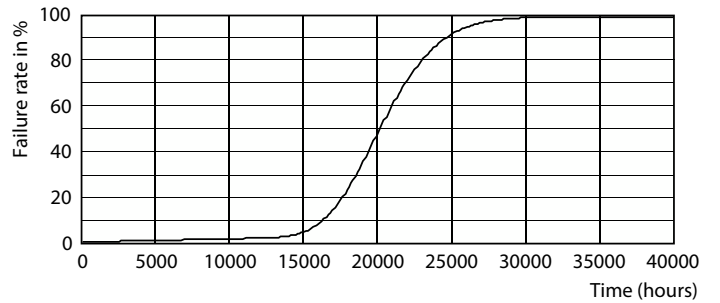


Spectral Power Distribution Colour - Ecofit LEDtube 1200mm 16W 840 T8

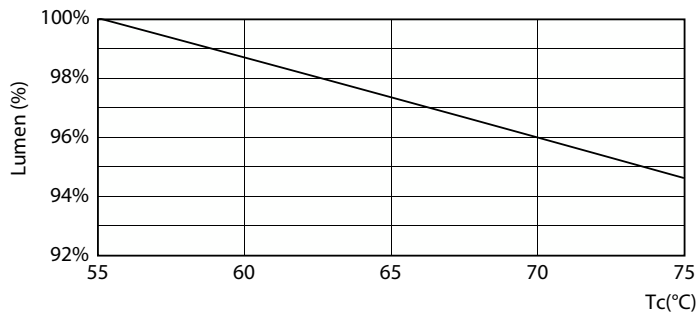
Lifetime



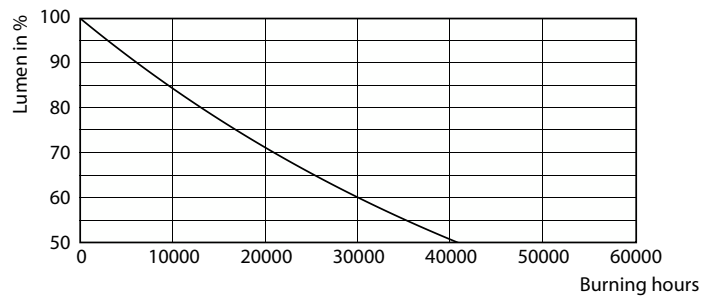
Life Expectancy Diagram - Ecofit LEDtube 1200mm 16W 840 T8



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



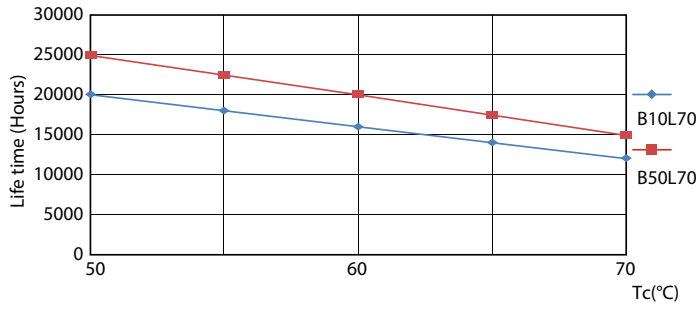
Lumen Maintenance Diagram - Ecofit LEDtube 1200mm 16W 840 T8



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Lifetime



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

