



# Ecofit Ledtubes T8



## Ecofit LEDtube 600mm 8W 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                                | 800 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                         | 8 W             |
| Lamp Current (Nom)                        | 70 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 | 18 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                            | 600 mm          |

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|                                 |  |
|---------------------------------|--|
| Bulb Shape                      | T8   |
| <b>Approval and Application</b> |  |
| Energy Efficiency Class         | F  |
| Energy Saving Product           | Yes  |
| Approval Marks                  | RoHS compliance CE marking KEMA Keur certificate |
| Energy Consumption kWh/1000 h   | 8 kWh  |
| EPREL Registration Number       | 726135   |

## Product Data

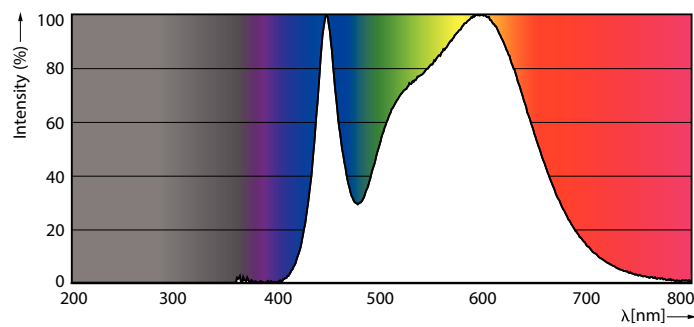
|                   |                 |
|-------------------|-----------------|
| Full product code | 871951440367300 |
|-------------------|-----------------|

|                                 |                                |
|---------------------------------|--------------------------------|
| Order product name              | Ecofit LEDtube 600mm 8W 840 T8 |
| Order code                      | 929003130302                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 20                             |
| Material Nr. (12NC)             | 929003130302                   |
| Full product name               | Ecofit LEDtube 600mm 8W 840 T8 |
| EAN/UPC - Case                  | 8719514403680                  |
| EAN/UPC - Product/Case          | 8719514403673                  |

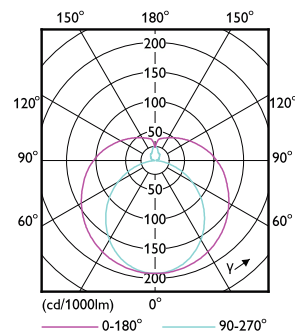
## Dimensional drawing

| Product                        | D1      | D2    | A1       | A2       | A3       |
|--------------------------------|---------|-------|----------|----------|----------|
| Ecofit LEDtube 600mm 8W 840 T8 | 25.7 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |

## Photometric data



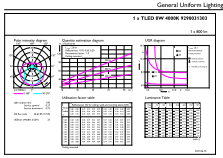
Spectral Power Distribution Colour - Ecofit LEDtube 600mm 8W 840 T8



Light Distribution Diagram - Ecofit LEDtube 600mm 8W 840 T8

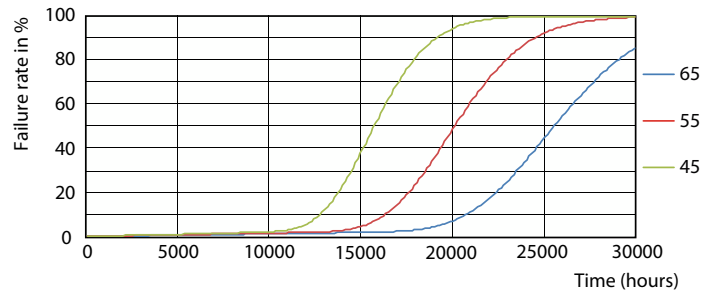
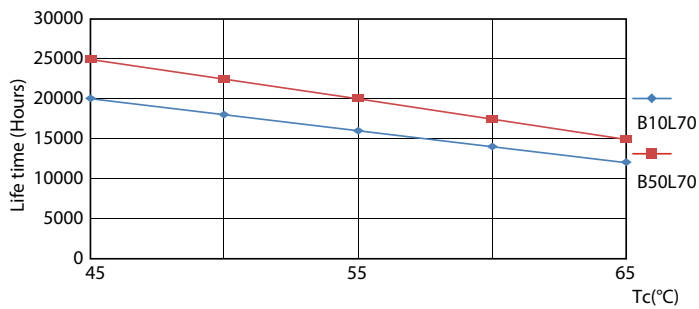
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## Photometric data



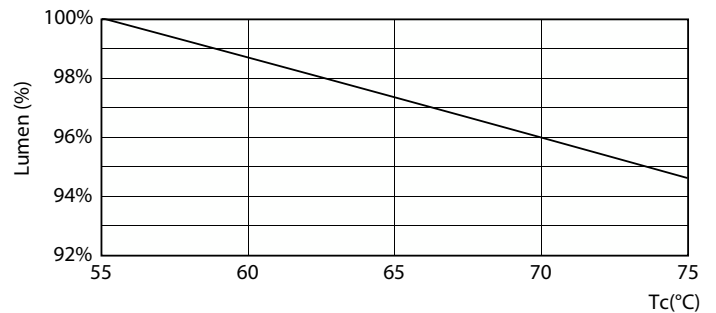
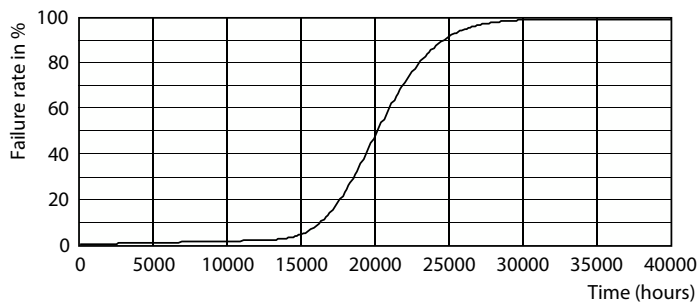
General uniform lighting - Ecofit LEDtube 600mm 8W 840 T8

## Lifetime



Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 840 T8

Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 840 T8

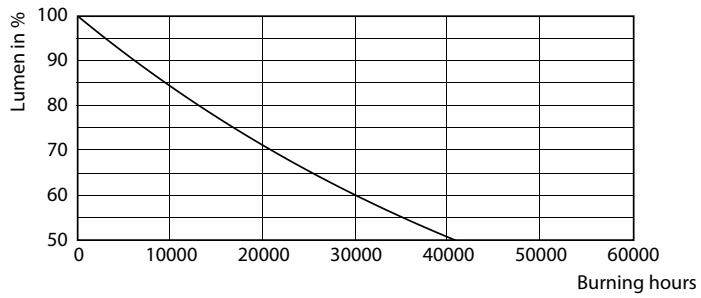


Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 840 T8

Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 840 T8

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## Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 840 T8

