

# Ecofit Ledtubes T8



## Ecofit LEDtube 600mm 8W 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] |
| EU RoHS compliant                     | Yes                              |
| Nominal Lifetime (Nom)                | 20000 h                          |
| Switching Cycle                       | 50000X                           |
| Flux measurement reference            | Sphere                           |
| Light technical                       |                                  |
| Color Code                            | 865 [ CCT of 6500K]              |
| Beam Angle (Nom)                      | 240 °                            |
| Luminous Flux (Nom)                   | 800 lm                           |
| Color Designation                     | Cool Daylight                    |
| Correlated Color Temperature (Nom)    | 6500 K                           |
| Luminous Efficacy (rated) (Nom)       | 100.00 lm/W                      |
| Color Consistency                     | <6                               |
| Color Rendering Index (Nom)           | 80                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             |
| Operating and electrical              |                                  |
| Input Frequency                       | 50 to 60 Hz                      |
| Power (Nom)                           | 8 W                              |
| Lamp Current (Nom)                    | 70 mA                            |

| Starting Time (Nom)             | 0.5 s              |
|---------------------------------|--------------------|
| Warm Up Time to 60% Light (Nom) | 0.5 s              |
| Power Factor (Nom)              | 0.5                |
| Voltage (Nom)                   | 220-240 V          |
| Temperature                     |                    |
| T-Ambient (Max)                 | 45 °C              |
| T-Ambient (Min)                 | -20 °C             |
| T-Storage (Max)                 | 65 °C              |
| T-Storage (Min)                 | -40 °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             |
| Bulb Shape                      | Tube, single-ended |

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## Approval and application

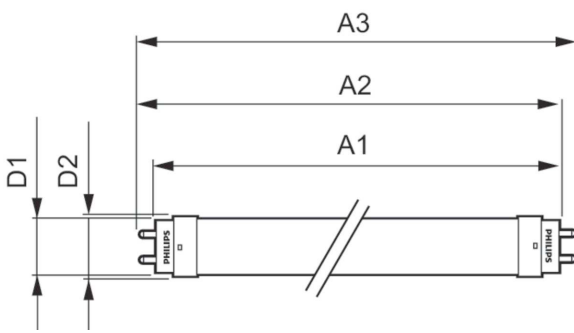
|                               |  |
|-------------------------------|--|
| Energy Efficiency Class       | F  |
| Energy Saving Product         | Yes  |
| Approval Marks                | RoHS compliance CE marking KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 8 kWh  |
| EPREL Registration Number     | 726132   |

## Product data

|                   |                 |
|-------------------|-----------------|
| Full product code | 871951440369700 |
|-------------------|-----------------|

|                                 |                                |
|---------------------------------|--------------------------------|
| Order product name              | Ecofit LEDtube 600mm 8W 865 T8 |
| EAN/UPC - Product               | 8719514403697                  |
| Order code                      | 929003130402                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 20                             |
| Material Nr. (12NC)             | 929003130402                   |
| Net Weight (Piece)              | 0.120 kg                       |

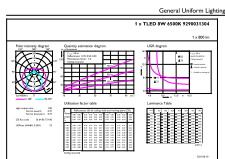
## Dimensional drawing



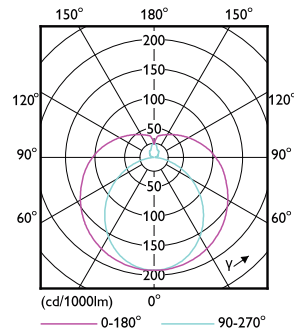
Ecofit LEDtube 600mm 8W 865 T8

| Product                        | D1      | D2    | A1       | A2       | A3       |
|--------------------------------|---------|-------|----------|----------|----------|
| Ecofit LEDtube 600mm 8W 865 T8 | 25.7 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |

## Photometric data



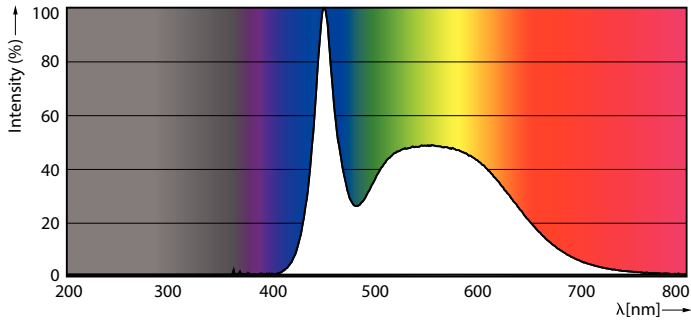
LEDtube ECO SLR 8W G13 800lm 865-GUL



LEDtube ECO SLR 8W G13 800lm-LDD

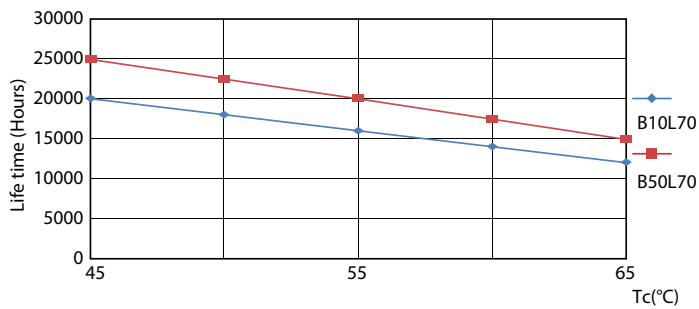
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## Photometric data

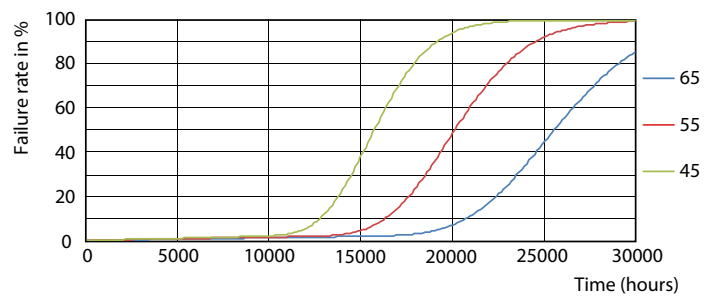


LEDtube ECO SLR 8W G13 800lm 865-POC

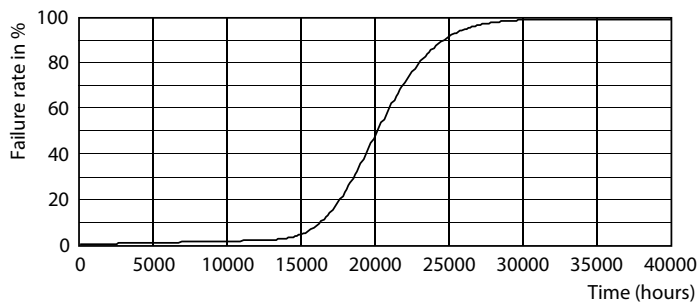
## Lifetime



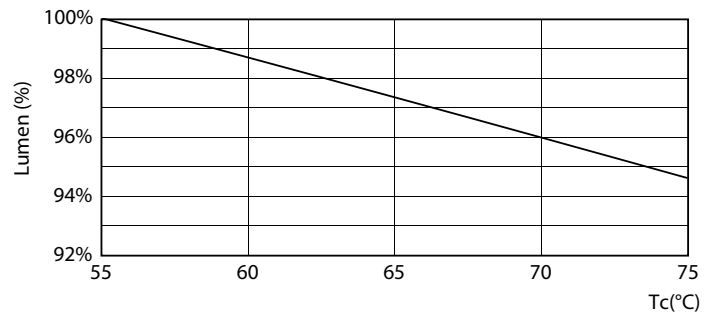
LEDtube ECO SLR 8W 20K LifetimeVsTc-LED



LEDtube ECO SLR 8W 20K FailureRate-LED



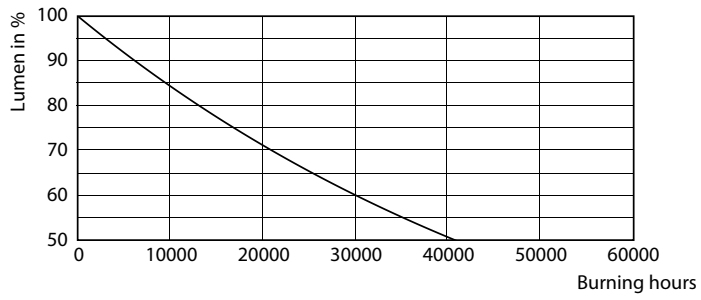
LEDtube 20K-LED



LEDtube ECO SLR 8W 20K LumenVsTc-LMP

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## Lifetime



LEDtube 20K-LMP

