

# T8

## 9.9T8/COR/48-850/MF16/G 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

### Product data

| General Information                   |                                  |
|---------------------------------------|----------------------------------|
| Cap-Base                              | G13 [ Medium Bi-Pin Fluorescent] |
| EU RoHS compliant                     | Yes                              |
| Nominal Lifetime (Nom)                | 50000 h                          |
| Switching Cycle                       | 50000X                           |
| Technical Type                        | 9.9-32W                          |
| Light Technical                       |                                  |
| Color Code                            | 850 [ CCT of 5000K]              |
| Beam Angle (Nom)                      | 240 °                            |
| Luminous Flux (Nom)                   | 1650 lm                          |
| Luminous Flux (Rated) (Nom)           | 1650 lm                          |
| Color Designation                     | Daylight [ Daylight]             |
| Correlated Color Temperature (Nom)    | 5000 K                           |
| Luminous Efficacy (rated) (Nom)       | 166.00 lm/W                      |
| Color Consistency                     | <5                               |
| Color Rendering Index (Nom)           | 80                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             |

| Operating and Electrical        |                             |
|---------------------------------|-----------------------------|
| Input Frequency                 | 50 to 60 Hz                 |
| Power (Rated) (Nom)             | 9.9 W                       |
| Lamp Current (Max)              | 100 mA                      |
| Lamp Current (Min)              | 43 mA                       |
| Starting Time (Nom)             | 0.5 s                       |
| Warm Up Time to 60% Light (Nom) | 0.5 s                       |
| UL Type                         | Type B - bypass the ballast |
| Power Factor (Nom)              | 0.9                         |
| Voltage (Nom)                   | 120-277 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)            | 70 °C                       |

T8

|                          |                                |
|--------------------------|--------------------------------|
| Controls and Dimming     |                                |
| Dimmable                 | No                             |
| Mechanical and Housing   |                                |
| Product Length           | 1200 mm                        |
| Approval and Application |                                |
| Energy Saving Product    | Yes                            |
| Approval Marks           | RoHS compliance UL certificate |
| Product Data             |                                |
| Order product name       | 9.9T8/COR/48-850/MF16/G 10/1   |

|                                 |              |
|---------------------------------|--------------|
| EAN/UPC - Product               | 046677557447 |
| Order code                      | 557447       |
| Local order code                | .            |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929002326104 |
| Net Weight (Piece)              | 0.240 kg     |

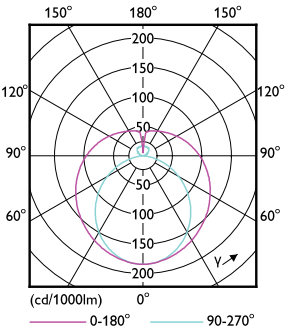
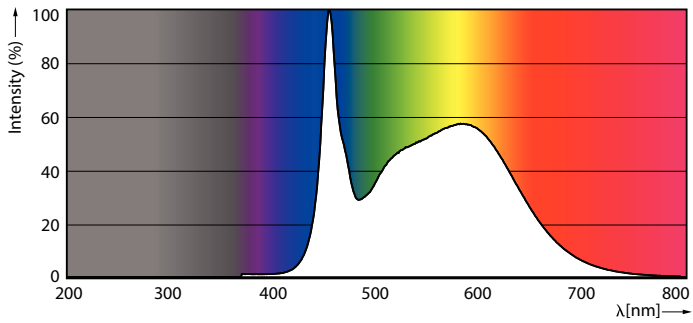
Dimensional drawing



| Product                      | D1      | D2    | A1      | A2      | A3      |
|------------------------------|---------|-------|---------|---------|---------|
| 9.9T8/COR/48-850/MF16/G 10/1 | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

TLED T8 120-277V 9.9-32W 1650lm 5000K

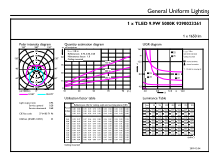
Photometric data



LEDtube 9,9W G13 850

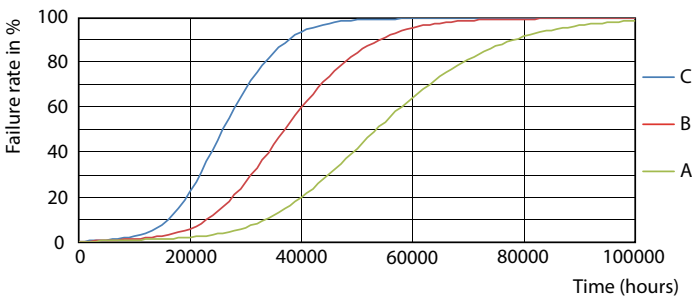
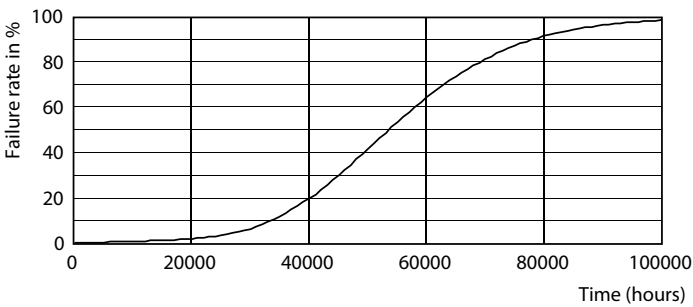
LEDtube 9,9W G13

Photometric data



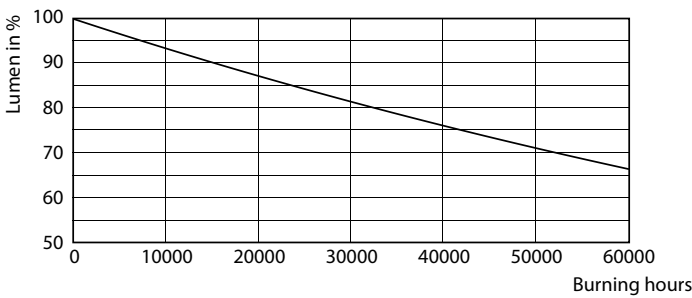
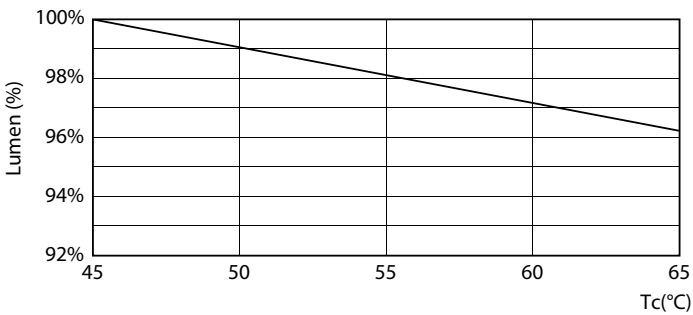
LEDtube 9,9W G13 850

Lifetime



LEDtube 50K-LED

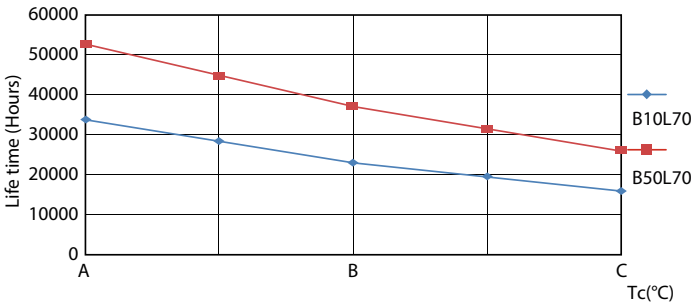
LEDtube 50K FailureRate-LED



LEDtube 9,9W G13 LumenVsTc

LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

