

# T8

## 8.9T8/MAS/48-850/IF16/P/DIM 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

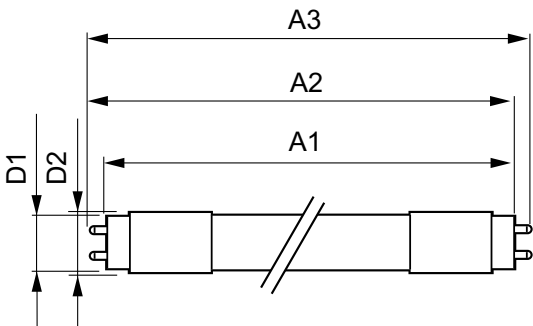
|                                       |                                  |                                 |                           |       |
|---------------------------------------|----------------------------------|---------------------------------|---------------------------|-------|
| <b>General Information</b>            |                                  | <b>Power (Rated) (Nom)</b>      |                           | 8.9 W |
| Base                                  | G13 [ Medium Bi-Pin Fluorescent] | Lamp Current (Max)              | 300 mA                    |       |
| EU RoHS compliant                     | Yes                              | Lamp Current (Min)              | 90 mA                     |       |
| Nominal Lifetime (Nom)                | 70000 h                          | Starting Time (Nom)             | 0.5 s                     |       |
| Switching Cycle                       | 50000X                           | Warm Up Time to 60% Light (Nom) | 0.5 s                     |       |
| Technical Type                        | 8.9-32W                          | UL Type                         | Type A - works on ballast |       |
| <b>Light Technical</b>                |                                  | Power Factor (Nom)              | 0.9                       |       |
| Color Code                            | 850 [ CCT of 5000K]              | Voltage (Nom)                   | 120-277, 347 V            |       |
| Beam Angle (Nom)                      | 180 °                            | <b>Temperature</b>              |                           |       |
| Initial lumen (Nom)                   | 1600 lm                          | T-Ambient (Max)                 | 45 °C                     |       |
| Color Designation                     | Daylight                         | T-Ambient (Min)                 | -20 °C                    |       |
| Correlated Color Temperature (Nom)    | 5000 K                           | T-Storage (Max)                 | 65 °C                     |       |
| Luminous Efficacy (rated) (Nom)       | 179.00 lm/W                      | T-Storage (Min)                 | -40 °C                    |       |
| Color Consistency                     | <5                               | T-Case Maximum (Nom)            | 50 °C                     |       |
| Color Rendering Index (Nom)           | 80                               | <b>Controls and Dimming</b>     |                           |       |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | Dimmable                        | Yes                       |       |
| <b>Operating and Electrical</b>       |                                  |                                 |                           |       |
| Input Frequency                       | 20K to 120K Hz                   |                                 |                           |       |

T8

| Mechanical and Housing        |                                               |
|-------------------------------|-----------------------------------------------|
| Bulb Finish                   | Frosted                                       |
| Bulb Material                 | Plastic                                       |
| Product Length                | 48 in                                         |
| Bulb Shape                    | Tube, double-ended                            |
| Approval and Application      |                                               |
| Energy Saving Product         | Yes                                           |
| Approbation Marks             | RoHS compliance UL certificate DLC compliance |
| Energy Consumption kWh/1000 h | - kWh                                         |

| Product Data                    |                                  |
|---------------------------------|----------------------------------|
| Order product name              | 8.9T8/MAS/48-850/IF16/P/DIM 10/1 |
| EAN/UPC - Product               | 046677565619                     |
| Order code                      | 565614                           |
| Numerator - Quantity Per Pack   | 1                                |
| Numerator - Packs per outer box | 10                               |
| Material Nr. (12NC)             | 929003025604                     |
| Net Weight (Piece)              | 0.220 kg                         |
| Model Number                    | 9290030256                       |

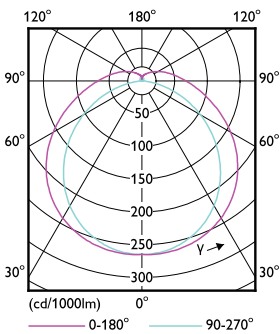
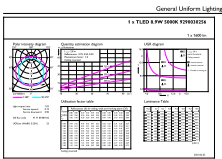
Dimensional drawing



TLED T8 HFV 8.9-32W 1600lm 5000K G13

| Product                          | D1      | D2      | A1        | A2        | A3        |
|----------------------------------|---------|---------|-----------|-----------|-----------|
| 8.9T8/MAS/48-850/IF16/P/DIM 10/1 | 25.7 mm | 26.3 mm | 1198.1 mm | 1205.2 mm | 1212.3 mm |

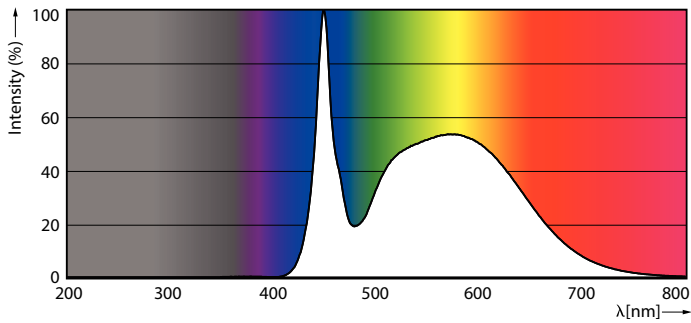
Photometric data



LEDtube MAS 8,9W G13 1600lm 850

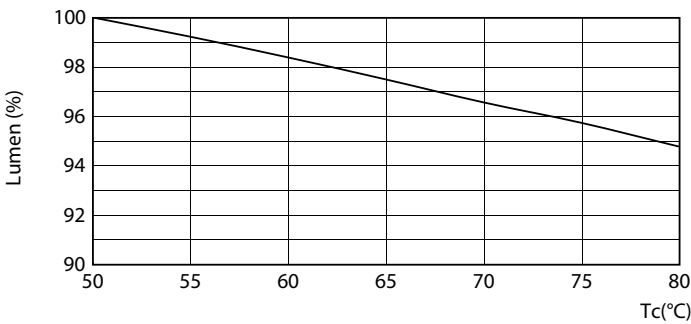
LEDtube MAS 8,9W G13 1500lm

Photometric data

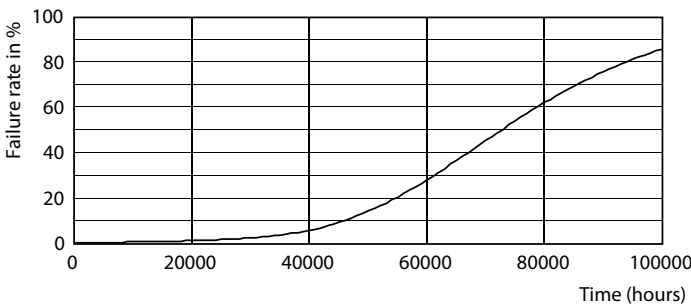


LEDtube MAS 8,9W G13 1600lm 850

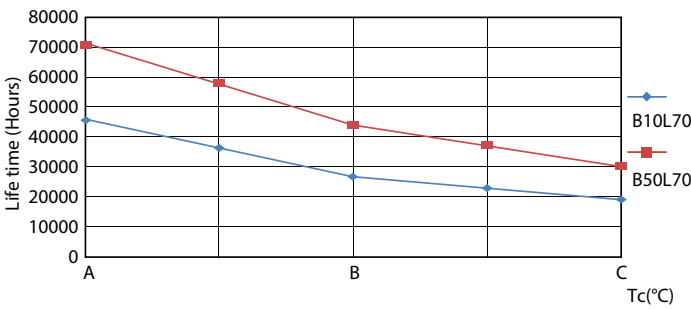
Lifetime



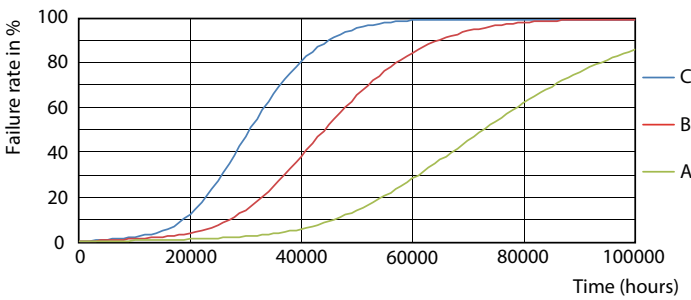
LEDtube MAS 8,9W 70K LumenVsTc



LEDtube\_70K-LED

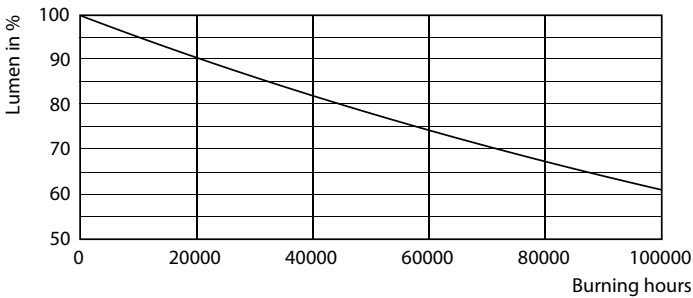


LEDtube\_70K\_LifetimeVsTc-LED



LEDtube\_70K\_FailureRate-LED

Lifetime



LEDtube\_70K-LMP

