

# T8

## 15.5T8/MAS/48-835/IF24/P 25/1

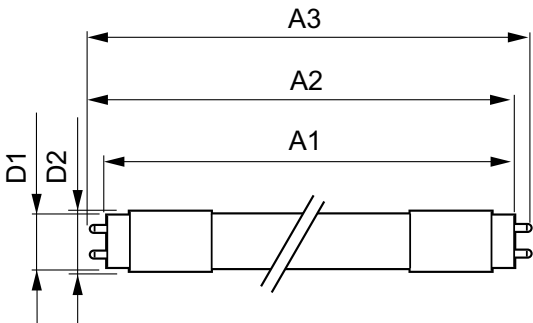
Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. 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>UL Type</b>                                                                                                            |  |
| Base                                  | G13 [ Medium Bi-Pin Fluorescent] | Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver |  |
| EU RoHS compliant                     | Yes                              | <b>Power Factor (Nom)</b>                                                                                                 |  |
| Nominal Lifetime (Nom)                | 70000 h                          | 0.9                                                                                                                       |  |
| Switching Cycle                       | 50000X                           | <b>Voltage (Nom)</b>                                                                                                      |  |
|                                       |                                  | 120-277 V                                                                                                                 |  |
| <b>Light Technical</b>                |                                  | <b>Temperature</b>                                                                                                        |  |
| Color Code                            | 835 [ CCT of 3500K]              | <b>T-Ambient (Max)</b>                                                                                                    |  |
| Beam Angle (Nom)                      | 180 °                            | 55 °C                                                                                                                     |  |
| Initial lumen (Nom)                   | 2400 lm                          | <b>T-Ambient (Min)</b>                                                                                                    |  |
| Correlated Color Temperature (Nom)    | 3500 K                           | -20 °C                                                                                                                    |  |
| Color Consistency                     | <6                               | <b>T-Storage (Max)</b>                                                                                                    |  |
| Color Rendering Index (Nom)           | 80                               | 65 °C                                                                                                                     |  |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | <b>T-Storage (Min)</b>                                                                                                    |  |
|                                       |                                  | -40 °C                                                                                                                    |  |
|                                       |                                  | <b>T-Case Maximum (Nom)</b>                                                                                               |  |
|                                       |                                  | 50 °C                                                                                                                     |  |
| <b>Operating and Electrical</b>       |                                  | <b>Controls and Dimming</b>                                                                                               |  |
| Input Frequency                       | 50 to 60 Hz                      | <b>Dimmable</b>                                                                                                           |  |
| Power (Rated) (Nom)                   | 15.5 W                           | No                                                                                                                        |  |
| Starting Time (Nom)                   | 0.5 s                            | <b>Mechanical and Housing</b>                                                                                             |  |
| Warm Up Time to 60% Light (Nom)       | 0.5 s                            | <b>Product Length</b>                                                                                                     |  |
|                                       |                                  | 1200 mm                                                                                                                   |  |

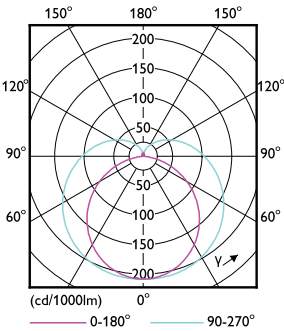
|                          |                                               |
|--------------------------|-----------------------------------------------|
| Approval and Application |                                               |
| Energy Saving Product    | Yes                                           |
| Approbation Marks        | RoHS compliance UL certificate DLC compliance |
| Product Data             |                                               |
| Order product name       | 15.5T8/MAS/48-835/IF24/P 25/1                 |
| EAN/UPC - Product        | 046677545185                                  |

Dimensional drawing

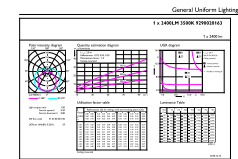


TLED 1200mmT8 120-277 15.5W 2400lm 3500K

Photometric data



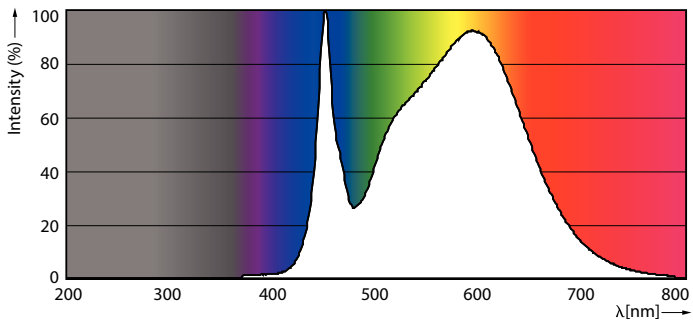
LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 835

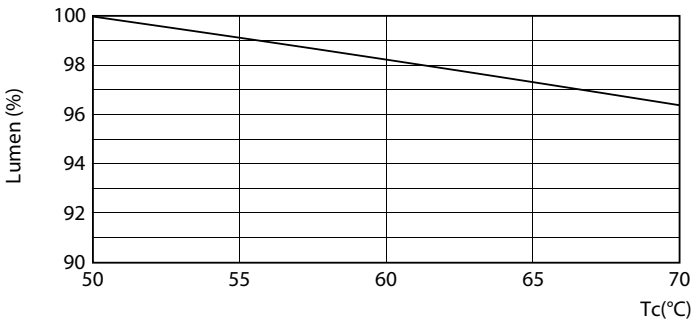
|                                 |              |
|---------------------------------|--------------|
| Order code                      | 533372       |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 25           |
| Material Nr. (12NC)             | 929002016304 |
| Net Weight (Piece)              | 0.230 kg     |
| Model Number                    | 9290020163   |

| Product                       | D1      | D2    | A1        | A2        | A3        |
|-------------------------------|---------|-------|-----------|-----------|-----------|
| 15.5T8/MAS/48-835/IF24/P 25/1 | 25.7 mm | 28 mm | 1198.1 mm | 1205.2 mm | 1212.3 mm |

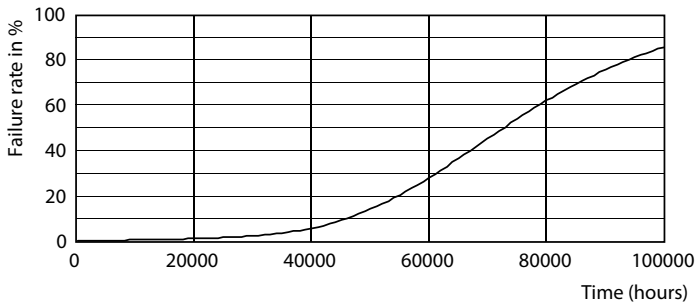


LEDtube 15,5W G13 T8 835

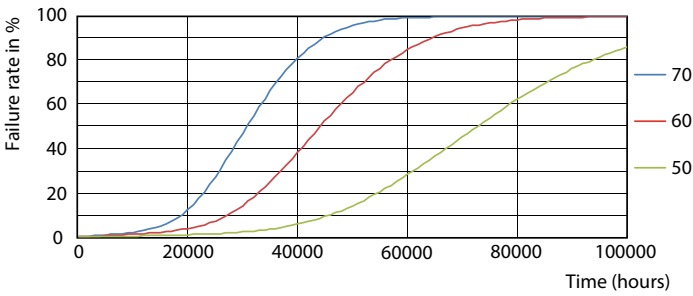
Lifetime



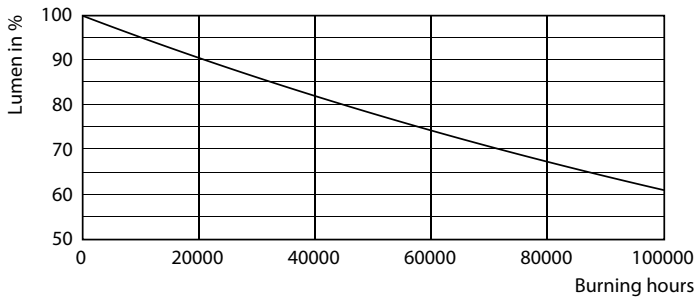
LEDtube 15,5W G13 T8 LumenVsTc



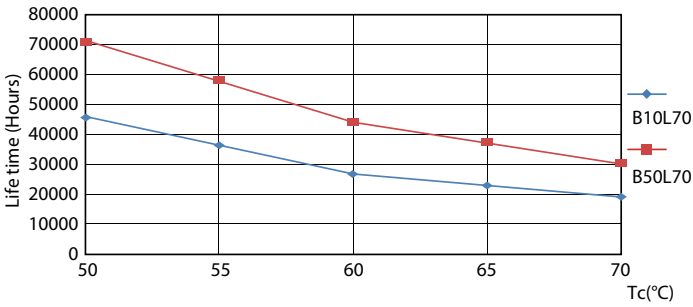
LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 FailureRate



LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 LifetimeVsTc

