



# T8

## 13T8/MAS/48-835/IF20/P/DIM 10/1

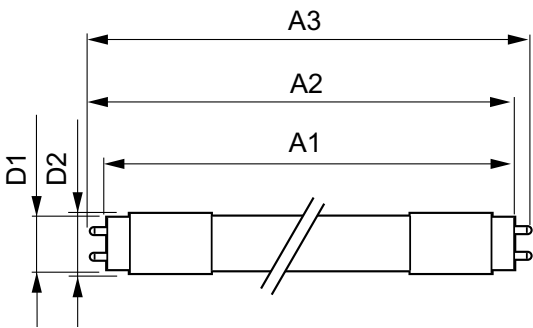
Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. 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

| General Information                   |                                  | Lamp Current (Max)                                                                                                        |  |
|---------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|--|
| Base                                  | G13 [ Medium Bi-Pin Fluorescent] | 400 mA                                                                                                                    |  |
| EU RoHS compliant                     | Yes                              | Lamp Current (Min)                                                                                                        |  |
| Nominal Lifetime (Nom)                | 70000 h                          | 130 mA                                                                                                                    |  |
| Switching Cycle                       | 50000X                           | Starting Time (Nom)                                                                                                       |  |
|                                       |                                  | 0.5 s                                                                                                                     |  |
|                                       |                                  | Warm Up Time to 60% Light (Nom)                                                                                           |  |
|                                       |                                  | 0.5 s                                                                                                                     |  |
|                                       |                                  | UL Type                                                                                                                   |  |
|                                       |                                  | Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver |  |
|                                       |                                  | Power Factor (Nom)                                                                                                        |  |
|                                       |                                  | 0.9                                                                                                                       |  |
|                                       |                                  | Voltage (Nom)                                                                                                             |  |
|                                       |                                  | 277 V                                                                                                                     |  |
| Light Technical                       |                                  | Temperature                                                                                                               |  |
| Color Code                            | 835 [ CCT of 3500K]              | T-Ambient (Max)                                                                                                           |  |
| Beam Angle (Nom)                      | 180 °                            | 45 °C                                                                                                                     |  |
| Initial lumen (Nom)                   | 2000 lm                          | T-Ambient (Min)                                                                                                           |  |
| Color Designation                     | White (WH)                       | -20 °C                                                                                                                    |  |
| Correlated Color Temperature (Nom)    | 3500 K                           | T-Storage (Max)                                                                                                           |  |
| Luminous Efficacy (rated) (Nom)       | 153.00 lm/W                      | 65 °C                                                                                                                     |  |
| Color Consistency                     | <6                               | T-Storage (Min)                                                                                                           |  |
| Color Rendering Index (Nom)           | 82                               | -40 °C                                                                                                                    |  |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | T-Case Maximum (Nom)                                                                                                      |  |
|                                       |                                  | 50 °C                                                                                                                     |  |
| Operating and Electrical              |                                  | Controls and Dimming                                                                                                      |  |
| Input Frequency                       | 20000-120000 Hz                  | Dimmable                                                                                                                  |  |
| Power (Rated) (Nom)                   | 13 W                             | Yes                                                                                                                       |  |

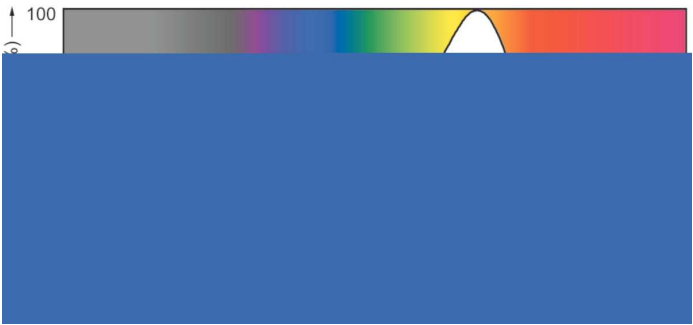
| Mechanical and Housing        |                                               |
|-------------------------------|-----------------------------------------------|
| Product Length                | 48 in                                         |
| Approval and Application      |                                               |
| Energy Efficiency Label (EEL) | Not applicable                                |
| Energy Saving Product         | Yes                                           |
| Approbation Marks             | RoHS compliance UL certificate DLC compliance |
| Energy Consumption kWh/1000 h | - kWh                                         |
| Energy Certifications         | DLC Standard                                  |

Dimensional drawing



TLED IF MasterClass 4ft 2000lm 3500K

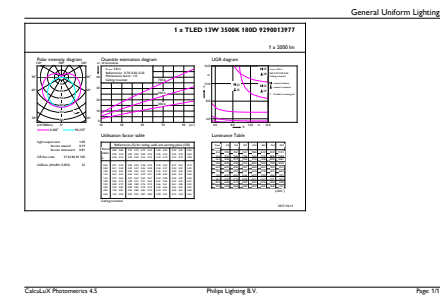
Photometric data



LEDtube 16.5 W, 835, G13, T8, UHO

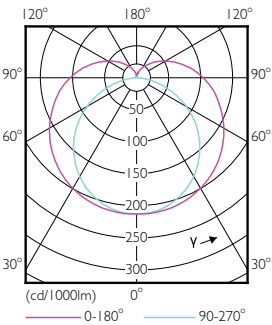
| Product Data                    |                                 |
|---------------------------------|---------------------------------|
| Order product name              | 13T8/MAS/48-835/IF20/P/DIM 10/1 |
| EAN/UPC - Product               | 046677473938                    |
| Order code                      | 473934                          |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 10                              |
| Material Nr. (12NC)             | 929001397734                    |
| Net Weight (Piece)              | 0.220 kg                        |
| Model Number                    | 9290013977A                     |

| Product                         | D1      | D2      | A1        | A2        | A3        |
|---------------------------------|---------|---------|-----------|-----------|-----------|
| 13T8/MAS/48-835/IF20/P/DIM 10/1 | 25.7 mm | 26.3 mm | 1198.1 mm | 1205.2 mm | 1212.3 mm |

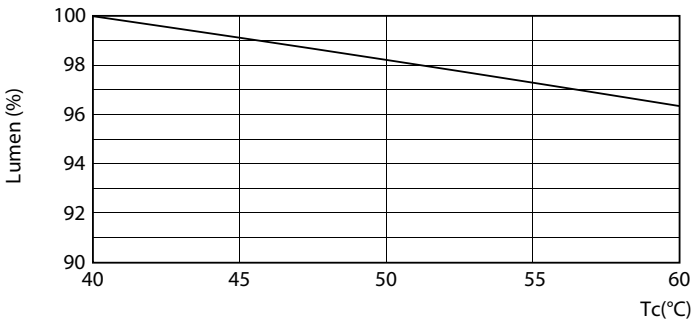


LEDtube 13W G13 835 IF DIM

Photometric data



Lifetime



LEDtube 13W G13 2100lm

