



# T8

## 13T8/MAS/48-830/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

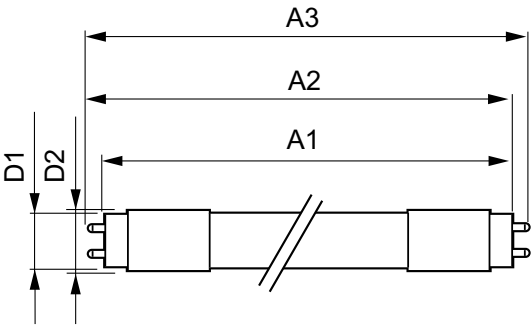
| General Information                   |                                  | Lamp Current (Max)              |                           |
|---------------------------------------|----------------------------------|---------------------------------|---------------------------|
| Base                                  | G13 [ Medium Bi-Pin Fluorescent] | Lamp Current (Min)              | 400 mA                    |
| EU RoHS compliant                     | Yes                              | Starting Time (Nom)             | 130 mA                    |
| Nominal Lifetime (Nom)                | 70000 h                          | Warm Up Time to 60% Light (Nom) | 0.5 s                     |
| Switching Cycle                       | 50000X                           | UL Type                         | Type A - works on ballast |
| Light Technical                       |                                  | Power Factor (Nom)              | 0.9                       |
| Color Code                            | 830 [ CCT of 3000K]              | Voltage (Nom)                   | 277 V                     |
| Beam Angle (Nom)                      | 180 °                            | Temperature                     |                           |
| Initial lumen (Nom)                   | 2000 lm                          | T-Ambient (Max)                 | 45 °C                     |
| Color Designation                     | White (WH)                       | T-Ambient (Min)                 | -20 °C                    |
| Correlated Color Temperature (Nom)    | 3000 K                           | T-Storage (Max)                 | 65 °C                     |
| Luminous Efficacy (rated) (Nom)       | 153.00 lm/W                      | T-Storage (Min)                 | -40 °C                    |
| Color Consistency                     | <6                               | T-Case Maximum (Nom)            | 50 °C                     |
| Color Rendering Index (Nom)           | 82                               | Controls and Dimming            |                           |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | Dimmable                        | Yes                       |
| Operating and Electrical              |                                  | Mechanical and Housing          |                           |
| Input Frequency                       | 20000-120000 Hz                  | Bulb Material                   | Plastic                   |
| Power (Rated) (Nom)                   | 13 W                             |                                 |                           |

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product Length                  | 48 in                                         |
| <b>Approval and Application</b> |                                               |
| 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                                  |

|                     |                                 |
|---------------------|---------------------------------|
| <b>Product Data</b> |                                 |
| Order product name  | 13T8/MAS/48-830/IF20/P/DIM 10/1 |

|                                 |              |
|---------------------------------|--------------|
| EAN/UPC - Product               | 046677473921 |
| Order code                      | 473926       |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001397634 |
| Net Weight (Piece)              | 0.220 kg     |
| Model Number                    | 9290013976A  |

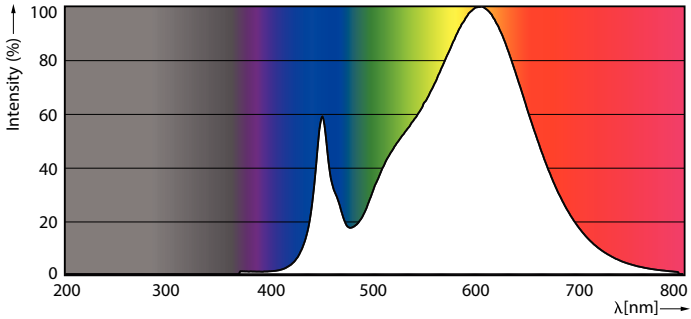
Dimensional drawing



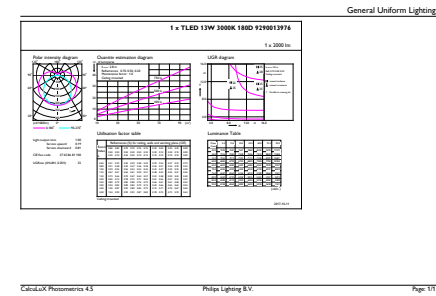
TLED IF MasterClass 4ft 2000lm 3000K

| Product                             | D1      | D2      | A1        | A2        | A3        |
|-------------------------------------|---------|---------|-----------|-----------|-----------|
| 13T8/MAS/48-830/<br>IF20/P/DIM 10/1 | 25.7 mm | 26.3 mm | 1198.1 mm | 1205.2 mm | 1212.3 mm |

Photometric data

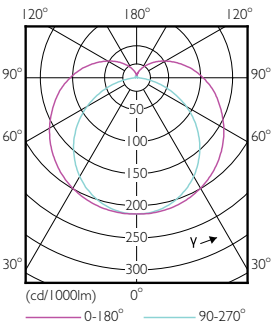


LEDtube 600mm 8W G5 830 1000lm



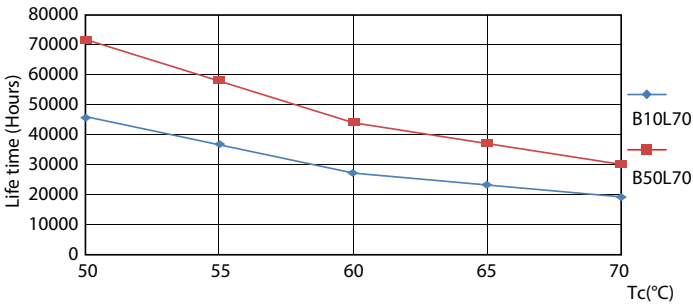
LEDtube 13W G13 830 IF DIM

Photometric data

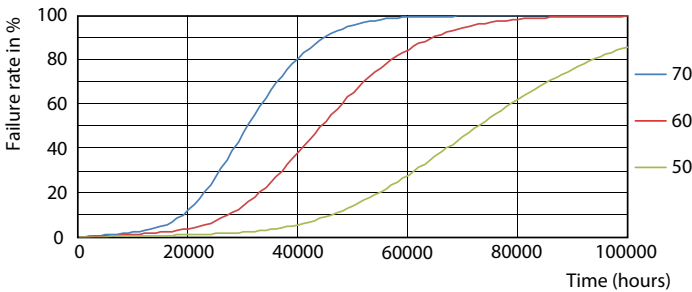


LEDtube 13W G13 2100lm

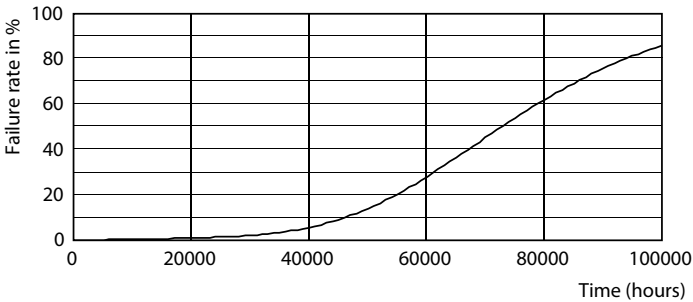
Lifetime



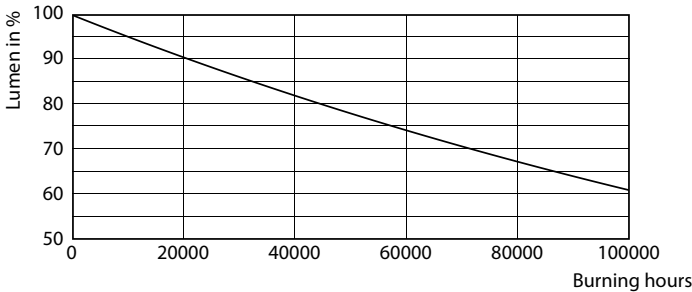
LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm

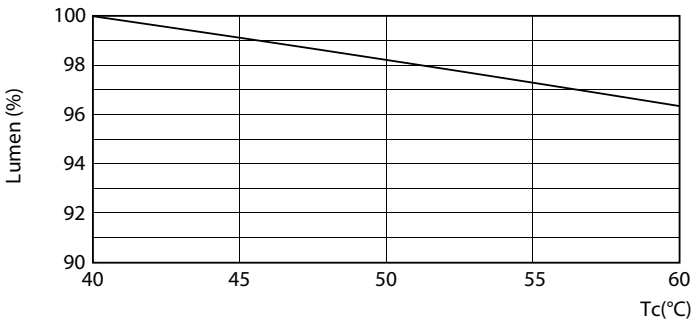


LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm

Lifetime



LEDtube 13W G13 2100lm

