



# T8

## 13T8-6U/MAS/24-850/IF21/P 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                   |                                  | Starting Time (Nom)             |                |
|---------------------------------------|----------------------------------|---------------------------------|----------------|
| Base                                  | G13 [ Medium Bi-Pin Fluorescent] | Warm Up Time to 60% Light (Nom) | 0.5 s          |
| Nominal Lifetime (Nom)                | 70000 h                          | Power Factor (Nom)              | 0.9            |
| Switching Cycle                       | 50000X                           | Voltage (Nom)                   | 120-277, 347 V |
| B50L70                                | 70000 h                          | Temperature                     |                |
| Light Technical                       |                                  | T-Ambient (Max)                 | 45 °C          |
| Color Code                            | 850 [ CCT of 5000K]              | T-Ambient (Min)                 | -20 °C         |
| Beam Angle (Nom)                      | 180 °                            | T-Storage (Max)                 | 65 °C          |
| Initial lumen (Nom)                   | 2100 lm                          | T-Storage (Min)                 | -40 °C         |
| Luminous Flux (Rated) (Nom)           | 2100 lm                          | T-Case Maximum (Nom)            | 50 °C          |
| Rated Beam Angle                      | 180 °                            | Controls and Dimming            |                |
| Correlated Color Temperature (Nom)    | 5000 K                           | Dimmable                        | No             |
| Color Consistency                     | <5                               | Mechanical and Housing          |                |
| Color Rendering Index (Nom)           | 80                               | Product Length                  | 600 mm         |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | Approval and Application        |                |
| Operating and Electrical              |                                  | Energy Saving Product           | Yes            |
| Input Frequency                       | 20K to 120K Hz                   |                                 |                |
| Power (Rated) (Nom)                   | 13 W                             |                                 |                |

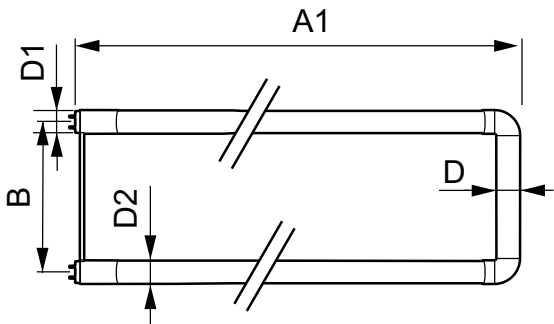
|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| Approbation Marks                              | RoHS compliance UL certificate DLC compliance |
| Energy Certifications                          | DLC Standard                                  |
| DesignLights Consortium Qualified Product List | -                                             |

Product Data

|                    |                                |
|--------------------|--------------------------------|
| Order product name | 13T8-6U/MAS/24-850/IF21/P 10/1 |
| EAN/UPC - Product  | 046677541880                   |

|                                 |              |
|---------------------------------|--------------|
| Order code                      | 541888       |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001987704 |
| Net Weight (Piece)              | 0.270 kg     |
| Model Number                    | 9290019877   |

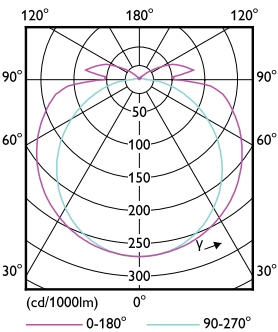
Dimensional drawing



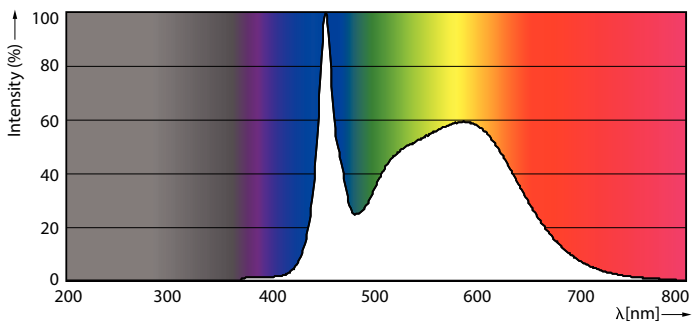
TLED IF MasterClass U bent 2100lm 5000K

| Product                        | D1      | D2    | A1     | A2     | A3      |
|--------------------------------|---------|-------|--------|--------|---------|
| 13T8-6U/MAS/24-850/IF21/P 10/1 | 25.7 mm | 28 mm | 152 mm | 570 mm | 27.8 mm |

Photometric data

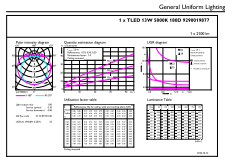


G13 3000K 2000lm



G13 5000K 2100lm

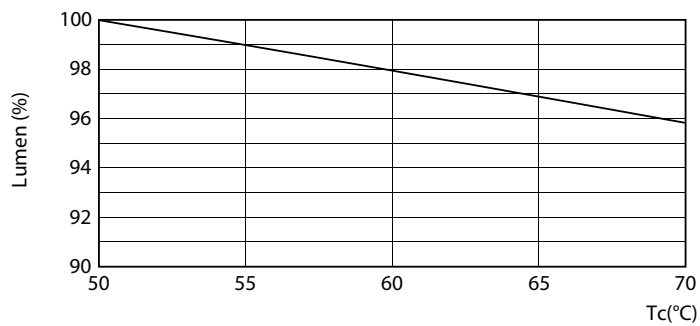
### Photometric data



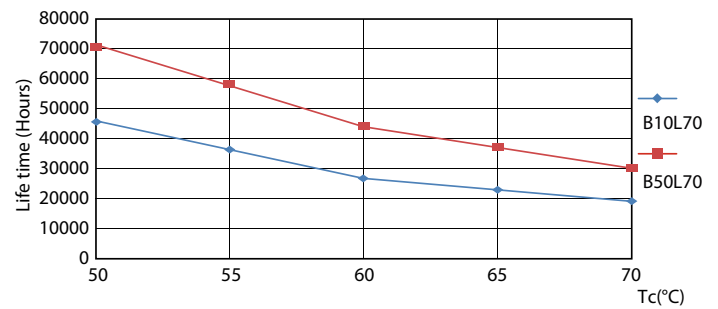
|                        |                     |         |
|------------------------|---------------------|---------|
| Calculus Phenomena 4.3 | Polys Lighting O.V. | Page 33 |
|------------------------|---------------------|---------|

**G13 5000K 2100lm**

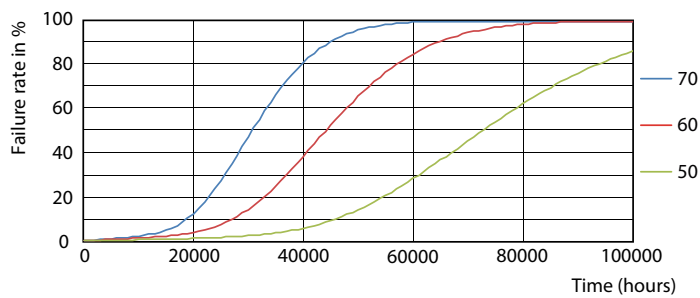
**Lifetime**



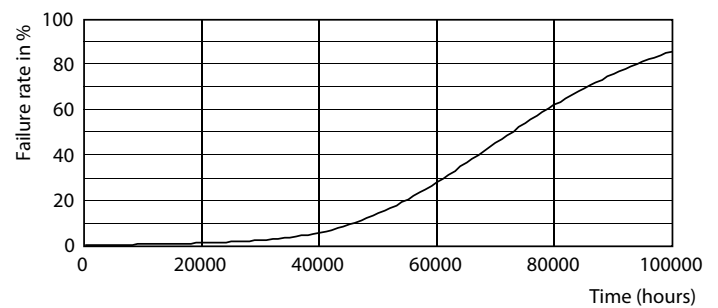
**G13 3000K 2000lm**



**G13 3000K**

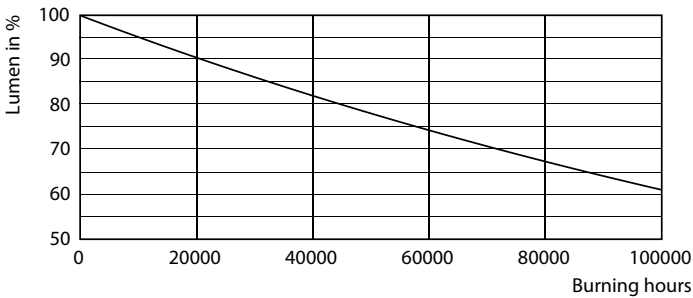


**G13 3000K**



**G13 3000K**

Lifetime



G13 3000K

