

# LED InstantFit Lamps

## 12T8/PRO/48-850/IF18/G 10/1 FB

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### Product data

|                                       |                                  |                                 |                                               |
|---------------------------------------|----------------------------------|---------------------------------|-----------------------------------------------|
| <b>General Information</b>            |                                  | <b>Voltage (Nom)</b>            |                                               |
| Cap-Base                              | G13 [ Medium Bi-Pin Fluorescent] | 120-277, 347 V                  |                                               |
| Main Application                      | Indoor                           | <b>Temperature</b>              |                                               |
| Nominal Lifetime (Nom)                | 50000 h                          | T-Ambient (Max)                 | 45 °C                                         |
| Switching Cycle                       | 50000X                           | T-Ambient (Min)                 | -20 °C                                        |
| B50L70                                | 50000 h                          | T-Storage (Max)                 | 65 °C                                         |
| <b>Light Technical</b>                |                                  | T-Storage (Min)                 | -40 °C                                        |
| Color Code                            | 850 [ CCT of 5000K]              | T-Case Maximum (Nom)            | 50 °C                                         |
| Initial lumen (Nom)                   | 1800 lm                          | <b>Controls and Dimming</b>     |                                               |
| Luminous Flux (Rated) (Nom)           | 1800 lm                          | Dimmable                        | No                                            |
| Correlated Color Temperature (Nom)    | 5000 K                           | <b>Mechanical and Housing</b>   |                                               |
| Color Consistency                     | <5                               | Product Length                  | 1200 mm                                       |
| Color Rendering Index (Nom)           | 82                               | <b>Approval and Application</b> |                                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | Energy Saving Product           | Yes                                           |
| <b>Operating and Electrical</b>       |                                  | Approbation Marks               | UL certificate RoHS compliance DLC compliance |
| Input Frequency                       | 25000-105000 Hz                  | <b>Product Data</b>             |                                               |
| Power (Rated) (Nom)                   | 12 W                             | Order product name              | 12T8/PRO/48-850/IF18/G 10/1 FB                |
| Lamp Current (Max)                    | 260 mA                           | EAN/UPC - Product               | 046677530495                                  |
| Lamp Current (Min)                    | 100 mA                           | Order code                      | 530493                                        |
| Starting Time (Nom)                   | 0.5 s                            | Numerator - Quantity Per Pack   | 1                                             |
| Warm Up Time to 60% Light (Nom)       | 0.5 s                            | Numerator - Packs per outer box | 10                                            |
| Power Factor (Nom)                    | 0.9                              |                                 |                                               |

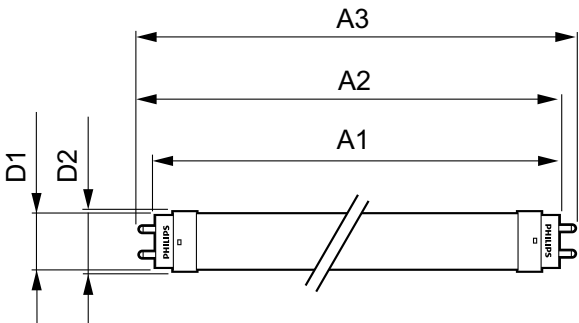
LED InstantFit Lamps

|                     |              |
|---------------------|--------------|
| Material Nr. (12NC) | 929001866304 |
| Net Weight (Piece)  | 0.215 kg     |
| Model Number        | 9290018663   |

Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at [www.philips.com/instantfit](http://www.philips.com/instantfit).

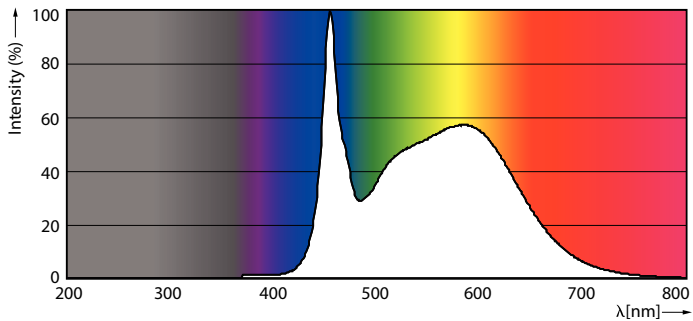
Dimensional drawing



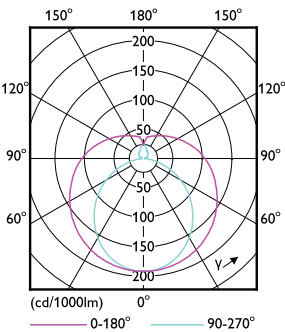
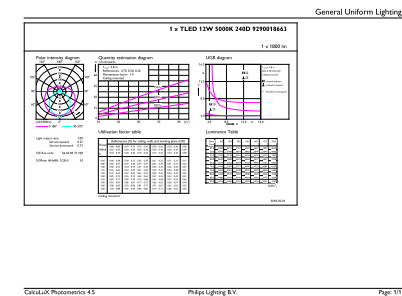
TLED 1200mm T8 120-277V 1700lm 5000K G13

| Product                | D1      | D2      | A1        | A2        | A3        |
|------------------------|---------|---------|-----------|-----------|-----------|
| 12T8/PRO/48-850/IF18/G | 25.7 mm | 26.3 mm | 1198.1 mm | 1205.2 mm | 1212.3 mm |
| 10/1 FB                |         |         |           |           |           |

Photometric data



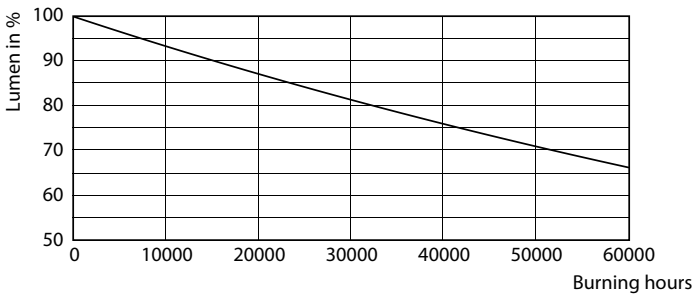
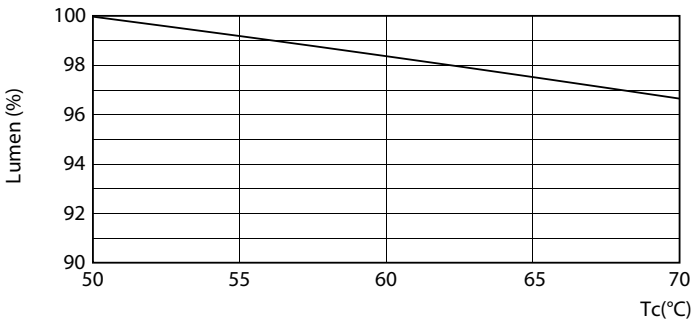
12W G13



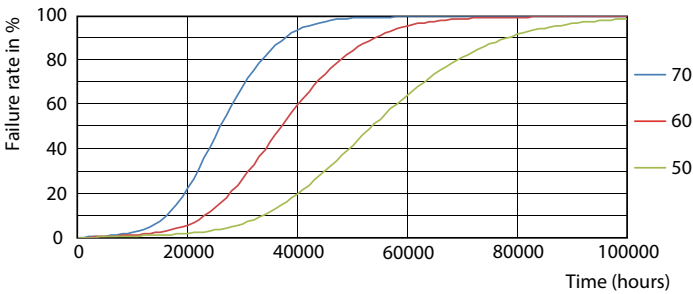
12W G13 830 3000K

LED InstantFit Lamps

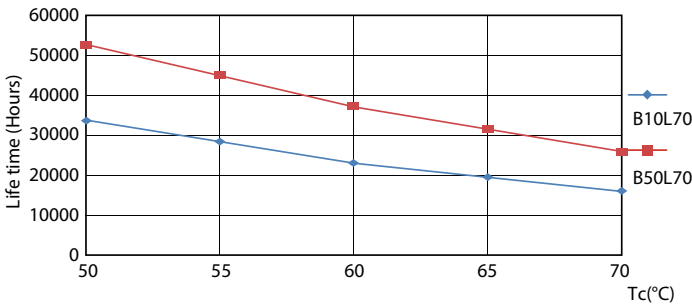
Lifetime



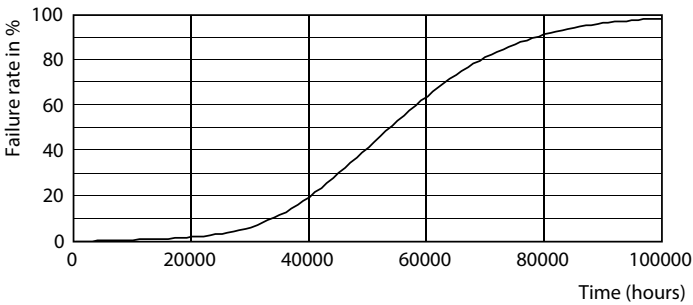
12W G13



12W G13



12W G13



12W G13

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