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**
- **Base**: G13 [Medium Bi-Pin Fluorescent]
- **EU RoHS compliant**: Yes
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X

**Light Technical**
- **Color Code**: 830 [CCT of 3000K]
- **Beam Angle (Nom)**: 240°
- **Initial lumen (Nom)**: 2000 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 K
- **Luminous Efficacy (rated) (Nom)**: 142.86 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

**Operating and Electrical**
- **Input Frequency**: 25000-105000 Hz
- **Power (Rated) (Nom)**: 14 W
- **Lamp Current (Max)**: 260 mA
- **Lamp Current (Min)**: 100 mA
- **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)**: 120-277, 347 V
- **T-Ambient (Max)**: 45 °C
- **T-Ambient (Min)**: -20 °C
- **T-Storage (Max)**: 65 °C
- **T-Storage (Min)**: -40 °C
- **T-Case Maximum (Nom)**: 50 °C

**Controls and Dimming**
- **Dimmable**: Yes

Data subject to change
### Mechanical and Housing

| Product Length          | 1200 mm |

### Approval and Application

| Energy Efficiency Label (EEL) | Not applicable |
| Energy Saving Product        | Yes         |
| Approval Marks               | UL certificate RoHS compliance DLC compliance |
| Energy Consumption kWh/1000 h | kWh         |
| Energy Certifications        | DLC Standard |

### Product Data

| Order product name          | 14T8/COR/48-830/IF20/G/DIM 10/1 |
| EAN/UPC - Product           | 046677452407                    |
| Order code                  | 470096                          |
| Numerator - Quantity Per Pack | 1                            |
| Numerator - Packs per outer box | 10                          |
| Material Nr. (12NC)         | 929001343034                    |
| Net Weight (Piece)          | 0.215 kg                        |
| Model Number                | 9290013430A                     |

### Dimensional drawing

14T8 PRO LED/48-3000 IF G 10/1

### Photometric data

LEDtube 1200mm 17W G13 2100lm

LEDtube PRO 1200mm 14W G13 830 2000lm
Photometric data

LEDtube PRO 1200mm 14W G13 830 2000lm

Lifetime

LEDtube PRO 1200mm 14W G13 2000lm
**Lifetime**

![Graph showing lifetime in hours vs. Tc (°C) for different models B10L70 and B50L70.](image)

- **12W G13**

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www.lighting.philips.com  
2020, July 16 - data subject to change