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.

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

### Light Technical
- **Color Code**: 850 [CCT of 5000K]
- **Beam Angle (Nom)**: 240°
- **Initial lumen (Nom)**: 2100 lm
- **Color Designation**: Daylight
- **Correlated Color Temperature (Nom)**: 5000 K
- **Luminous Efficacy (rated) (Nom)**: 150.00 lm/W
- **Color Consistency**: <5
- **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
- **Voltage (Nom)**: 120-277, 347 V

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

### Mechanical and Housing
- **Bulb Material**: Glass
**Product Length** 48 in

**Approval and Application**
- Energy Efficiency Label (EEL): Not applicable
- Energy Saving Product: Yes
- Approbation Marks: UL certificate RoHS compliance DLC compliance
- Energy Consumption kWh/1000 h: - kWh
- Energy Certifications: DLC Standard

**Product Data**
- Order product name: 14T8/COR/48-850/IF21/G/DIM 10/1

**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)

**EAN/UPC - Product** 046677452483
- Order code: 470120
- Numerator - Quantity Per Pack: 1
- Numerator - Packs per outer box: 10
- Material Nr. (12NC): 929001343334
- Net Weight (Piece): 0.215 kg
- Model Number: 9290013433A

**Datasheet, 2021, April 15**

Data subject to change
Photometric data

LEDtube PRO 1200mm 14W G13 850 2100lm

Lifetime

LEDtube PRO 1200mm 14W G13 2000lm

LEDtube PRO 1200mm 14W G13 2000lm
Lifetime

![Graph showing lifetime in hours vs. temperature (Tc) for different models B10L70 and B50L70. The graph indicates a decrease in lifetime with increasing temperature.]

12W G13