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**: 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
- **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
## 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/48-850/IF21/G/DIM 10/1

**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

## Dimensional drawing

14T8 PRO LED/48-5000 IF G 10/1

## Photometric data

**LEDtube 1200mm 17W G13 2100lm**

**LEDtube PRO 1200mm 14W G13 850 2100lm**
Photometric data

LEDtube PRO 1200mm 14W G13 850 2100lm

Lifetime

LEDtube PRO 1200mm 14W G13 2000lm

LEDtube PRO 1200mm 14W G13 2000lm