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
- **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

#### Temperature
- **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 |

**Approbation Marks**

UL certificate RoHS compliance DLC compliance

**Energy Consumption kWh/1000 h**

- kWh

**Energy Certifications**

DLC Standard

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**Dimensional drawing**

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

**Photometric data**

LEDtube 1200mm 17W G13 2100lm

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**Order Data**

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Datasheet, 2020, July 16

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Data subject to change
Photometric data

LEDtube PRO 1200mm 14W G13 2000lm

Lifetime

LEDtube PRO 1200mm 14W G13 2000lm

12W G13

12W G13