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**: 841 [CCT of 4100K (841)]
- **Beam Angle (Nom)**: 240 °
- **Initial lumen (Nom)**: 2100 lm
- **Color Designation**: Cool White (CW)
- **Correlated Color Temperature (Nom)**: 4000 K
- **Luminous Efficacy (rated) (Nom)**: 150.00 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**

#### 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

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Datasheet, 2020, July 16  
data subject to change
T8

### 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 |

### Dimensional drawing

14T8 PRO LED/48-4000 IF G 10/1

### Photometric data

1. LEDtube 1200mm 17W G13 2100lm
2. LEDtube PRO 1200mm 14W G13 S40 2100lm

### Product Data

| Order product name | 14T8/COR/48-840/IF21/G/DIM 10/1 |
| EAN/UPC - Product | 046677453251 |
| Order code | 470112 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001343234 |
| Net Weight (Piece) | 0.215 kg |
| Model Number | 9290013432A |

Datasheet, 2020, July 16 data subject to change
Photometric data

LEDtube PRO 1200mm 14W G13 840 2100lm

Lifetime

LEDtube PRO 1200mm 14W G13 2000lm

12W G13
Lifetime

![Diagram showing lifetime (hours) vs. Tc(°C)]

- B10L70
- B50L70

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