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)**: 70000 h
- **Switching Cycle**: 50000X

**Light Technical**
- **Color Code**: 835 [CCT of 3500K]
- **Beam Angle (Nom)**: 180°
- **Initial lumen (Nom)**: 1500 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3500 K
- **Luminous Efficacy (rated) (Nom)**: 157.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 80
- **LLMF At End Of Nominal Lifetime (Nom)**: 70%

**Operating and Electrical**
- **Input Frequency**: 50 to 60 Hz
- **Power (Rated) (Nom)**: 9.5 W

**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)**: 55 °C
- **T-Ambient (Min)**: -20 °C
- **T-Storage (Max)**: 65 °C
- **T-Storage (Min)**: -40 °C
- **T-Case Maximum (Nom)**: 55 °C

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

**Mechanical and Housing**
- **Bulb Material**: Plastic

Datasheet, 2020, July 16

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data subject to change
T8

Product Length 1200 mm

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

Product Data
Order product name 9.5T8/MAS/48-835/IF15/P/DIM 10/1

EAN/UPC - Product 046677473983
Order code 473982
Numerator - Quantity Per Pack 1
Numerator - Packs per outer box 10
Material Nr. (12NC) 929002015904
Net Weight (Piece) 0.220 kg
Model Number 9290020159

Dimensional drawing

TLED 1200mmT8 120–277 9.5W 1500lm 3500K

Photometric data

LEDtube 1200mm T8 9.5W 1500lm 3500K

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data subject to change
**Lifetime**

![Graph showing the lifetime of LEDtube 1200mm T8 9.5W.](image)

**LEDtube 1200mm T8 9.5W**

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