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**: FA8 [FA8]
- **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)**: 4200 lm
- **Color Designation**: Cool White (CW)
- **Correlated Color Temperature (Nom)**: 4000 K
- **Luminous Efficacy (rated) (Nom)**: 123.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70%

#### Operating and Electrical
- **Input Frequency**: 50 to 60 Hz
- **Power (Rated) (Nom)**: 34 W
- **Lamp Current (Max)**: 290 mA
- **Lamp Current (Min)**: 133 mA
- **Starting Time (Nom)**: 0.5 s
- **Warm Up Time to 60% Light (Nom)**: 0.5 s
- **UL Type**: Type B - bypass the ballast
- **Power Factor (Nom)**: 0.9
- **Voltage (Nom)**: 120-277 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)**: 45 °C

#### Controls and Dimming
- **Dimmable**: No
**Mechanical and Housing**

- **Product Length**: 2400 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**: 34T8/COR/96-840/MF42/G/FA8 10/1
- **EAN/UPC - Product**: 046677545260
- **Order code**: 545269
- **Numerator - Quantity Per Pack**: 1
- **Numerator - Packs per outer box**: 10
- **Material Nr. (12NC)**: 929002014004
- **Net Weight (Piece)**: 0.740 kg
- **Model Number**: 9290020140

**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)
Photometric data

LEDtube FA8 4000K 240D

Lifetime

LEDtube FA8 4000K 240D LifetimeVsTc

LEDtube FA8 4000K 240D FailureRate

LEDtube FA8 4000K 240D LumenVsTc

Lumen (%)

Datasheet, 2020, June 18

data subject to change
Lifetime

![Graph showing the lifetime of LEDtube FA8 4000K 240D](image)

**LEDtube FA8 4000K 240D**