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**: 835 [CCT of 3500K]
- **Beam Angle (Nom)**: 240°
- **Initial lumen (Nom)**: 3950 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3500 K
- **Luminous Efficacy (rated) (Nom)**: 131.00 lm/W
- **Color Consistency**: ANSI
- **Color Rendering Index (Nom)**: 80
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

#### Operating and Electrical
- **Input Frequency**: 35000-150000 Hz
- **Power (Rated) (Nom)**: 30 W
- **Lamp Current (Max)**: 350 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)**: 200-500 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)**: 45 °C
- **Dimmable**: No
**Mechanical and Housing**

| Product Length | 2400 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**

TLED IF CorePro 8ft 3900lm FA8 3500K

**Photometric data**

30W FA8 830 3000K

**Product Data**

| Order product name | 3OT8/COR/96-835/IF39/G/FA8 10/1 |
| EAN/UPC - Product | 046677533014 |
| Order code | 533018 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001897204 |
| Net Weight (Piece) | 0.540 kg |
| Model Number | 9290018972 |

**Photometric data**

30W FA8 830 3000K

Datasheet, 2020, June 18
Photometric data

30W FA8 835 3500K

Lifetime

![Graph showing Lumens in % over burning hours and Tc(°C)]

Failure rate in %

![Graph showing Failure rate over time (hours) and Tc(°C)]