

T8

12T8/PER/48-850/BB18/G 10/1 FB

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 | 850 [CCT of 5000K] |
| Beam Angle (Nom) | 240 ° |
| Initial lumen (Nom) | 1800 lm |
| Color Designation | Daylight |
| Correlated Color Temperature (Nom) | 5000 K |
| Luminous Efficacy (rated) (Nom) | 150.00 lm/W |
| Color Consistency | <5 |
| 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) | 12 W |

| | |
|---------------------------------|-----------|
| Lamp Current (Max) | 120 mA |
| Lamp Current (Min) | 40 mA |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | 0.5 s |
| 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) | 70 °C |

| Controls and Dimming | |
|----------------------|----|
| Dimmable | No |

| Mechanical and Housing | |
|------------------------|-------|
| Product Length | 48 in |

Approval and Application

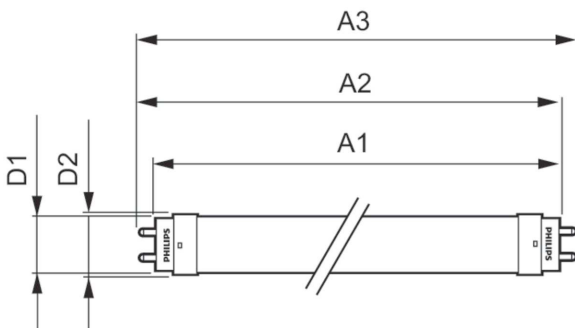
| | |
|-------------------------------|---|
| Energy Efficiency Label (EEL) | Not applicable |
| Energy Saving Product | Yes |
| Approbation Marks | UL certificate RoHS compliance DLC compliance |
| Energy Consumption kWh/1000 h | - kWh |
| Energy Certifications | DLC Standard |

Product Data

| | |
|--------------------|--------------------------------|
| Order product name | 12T8/PER/48-850/BB18/G 10/1 FB |
|--------------------|--------------------------------|

| | |
|---------------------------------|--------------|
| EAN/UPC - Product | 046677532703 |
| Order code | 532705 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001877104 |
| Net Weight (Piece) | 0.215 kg |
| Model Number | 9290018771 |

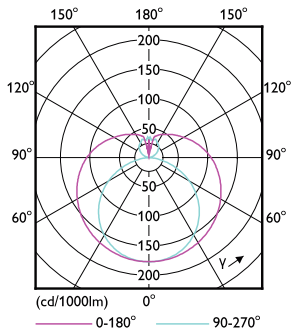
Dimensional drawing



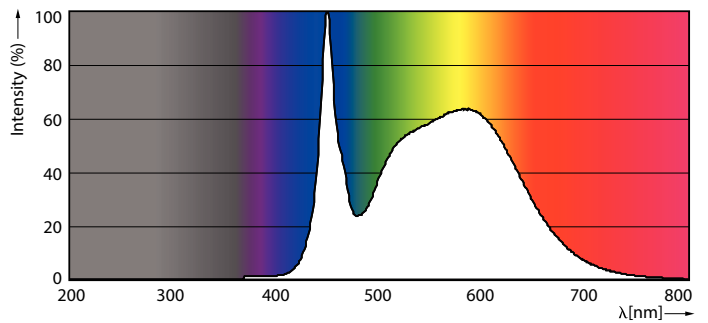
Performance TypeB 1800lm 12W

| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------------|---------|-------|---------|---------|---------|
| 12T8/PER/48-850/BB18/G 10/1 FB | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

Photometric data



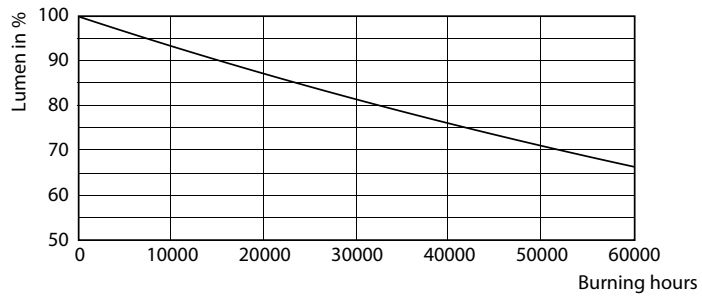
LEDtube PRO 12W G13 830 24D ND



LEDtube PRO 12W G13 850 24D ND

T8

Lifetime



LEDtube PRO 12W G13 830 24D ND

