



T8

13T8 LED/48-3500 IF DIM 1PK 10/1

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 | |
|---------------------------------------|---------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Nominal lifetime | 70,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Color Code | 835 [CCT of 3500K] |
| Beam Angle (Nom) | 180 degree(s) |
| Luminous Flux | 2,000 lm |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3500 K |
| Luminous Efficacy (rated) (Nom) | 153.85 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 82 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| | |
| Operating and Electrical | |
| Line Frequency | 20000-120000 Hz |
| | |

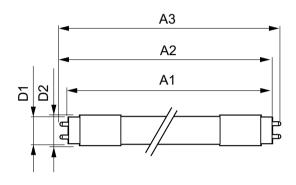
| Input Frequency | 20000-120000 Hz | | | | |
|---------------------------|-----------------|--|--|--|--|
| Power Consumption | 13 W | | | | |
| Lamp Current (Max) | 400 mA | | | | |
| Lamp Current (Min) | 130 mA | | | | |
| Starting Time (Nom) | 0.5 s | | | | |
| Warm-up time to 60% light | 0.5 s | | | | |
| Power Factor (Fraction) | 0.9 | | | | |
| Voltage (Nom) | 120-277V; 347 V | | | | |
| | | | | | |
| Temperature | | | | | |
| Ambient temperature range | -20 °C to 45 °C | | | | |
| T-Case Maximum (Nom) | 50 °C | | | | |
| | | | | | |
| Controls and Dimming | | | | | |
| Dimmable | Yes | | | | |
| | | | | | |
| Mechanical and Housing | | | | | |
| Product Length | 1,200 mm | | | | |
| Bulb Shape | T8 | | | | |
| | | | | | |
| | | | | | |

Datasheet, 2023, November 12 data subject to change

| Approval and Application | | | | |
|-------------------------------|------------------------------------|--|--|--|
| Energy Saving Product | Yes | | | |
| Approval Marks | UL certificate RoHS compliance DLC | | | |
| | compliance | | | |
| Energy Consumption kWh/1000 h | - kWh | | | |
| | | | | |
| Product Data | | | | |
| Order product name | 13T8 LED/48-3500 IF DIM 1PK 10/1 | | | |
| Full product name | 13T8 LED/48-3500 IF DIM 1PK 10/1 | | | |

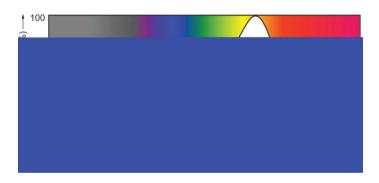
| Order code | 929001397704 | | |
|---------------------------------|----------------|--|--|
| Material Nr. (12NC) | 929001397704 | | |
| Numerator - Quantity Per Pack | 1 | | |
| EAN/UPC - Product/Case | 046677473938 | | |
| Numerator - Packs per outer box | 10 | | |
| EAN/UPC - Case | 50046677473933 | | |
| | - | | |

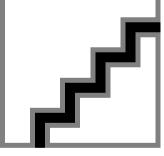
Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|-----------------------------|---------|---------|------------|------------|------------|
| 13T8 LED/48-3500 IF DIM 1PK | 25.7 mm | 26.3 mm | 1,198.1 mm | 1,205.2 mm | 1,212.3 mm |
| 10/1 | | | | | |

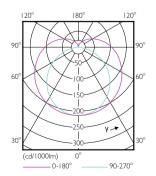
Photometric data





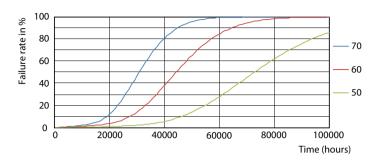
Spectral Power Distribution Colour - 13T8 LED/48-3500 IF DIM 1PK 10/1

General uniform lighting - 13T8 LED/48-3500 IF DIM 1PK 10/1



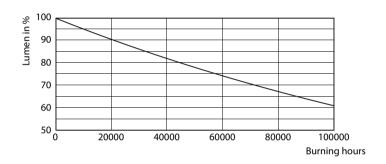
Light Distribution Diagram - 13T8 LED/48-3500 IF DIM 1PK 10/1

Lifetime



Life Expectancy Diagram - 13T8 LED/48-3500 IF DIM 1PK 10/1

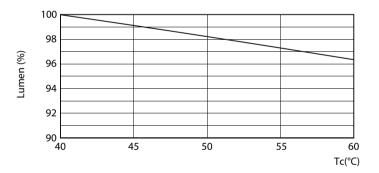
Life Expectancy Diagram - 13T8 LED/48-3500 IF DIM 1PK 10/1



Life Expectancy Diagram - 13T8 LED/48-3500 IF DIM 1PK 10/1

Lumen Maintenance Diagram - 13T8 LED/48-3500 IF DIM 1PK 10/1

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Lumen Maintenance Diagram - 13T8 LED/48-3500 IF DIM 1PK 10/1



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