



# T8

## 7T8 LED/24-3500 IF 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                   |                                 | Input Frequency           |                    |
|---------------------------------------|---------------------------------|---------------------------|--------------------|
| Cap-Base                              | G13 [Medium Bi-Pin Fluorescent] | Input Frequency           | 20000-120000 Hz    |
| Nominal lifetime                      | 50,000 hour(s)                  | Power Consumption         | 7 W                |
| Switching Cycle                       | 50,000                          | Lamp Current (Max)        | 240 mA             |
| Lighting Technology                   | LED                             | Lamp Current (Min)        | 80 mA              |
| EU RoHS compliant                     | Yes                             | Starting Time (Nom)       | 0.5 s              |
|                                       |                                 | Warm-up time to 60% light | 0.1 s              |
|                                       |                                 | Power Factor (Fraction)   | 0.9                |
|                                       |                                 | Voltage (Nom)             | 120-277, 347 V     |
| Light Technical                       |                                 | Temperature               |                    |
| Color Code                            | 835 [CCT of 3500K]              | Ambient temperature range | -20 °C to 45 °C    |
| Beam Angle (Nom)                      | 180 degree(s)                   | T-Case Maximum (Nom)      | 50 °C              |
| Luminous Flux                         | 1,050 lm                        |                           |                    |
| Color Designation                     | White (WH)                      | Controls and Dimming      |                    |
| Correlated Color Temperature (Nom)    | 3500 K                          | Dimmable                  | No                 |
| Luminous Efficacy (rated) (Nom)       | 150.00 lm/W                     |                           |                    |
| Color Consistency                     | <6                              | Mechanical and Housing    |                    |
| Color rendering index (CRI)           | 82                              | Product Length            | 600 mm             |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                            | Bulb Shape                | Tube, double-ended |
| Operating and Electrical              |                                 |                           |                    |
| Line Frequency                        | 20000-120000 Hz                 |                           |                    |

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## Approval and Application

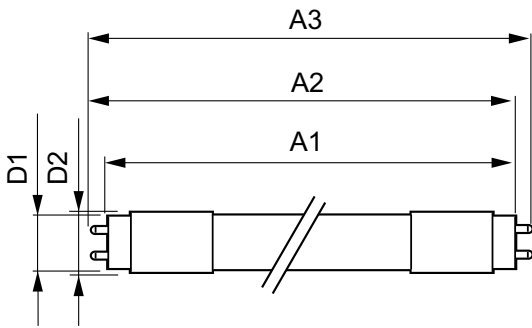
|                               |   |
|-------------------------------|---|
| Energy Saving Product         | Yes   |
| Approval Marks                | UL certificate RoHS compliance DLC compliance |
| Energy Consumption kWh/1000 h | - kWh   |

## Product Data

|                    |                         |
|--------------------|-------------------------|
| Order product name | 7T8 LED/24-3500 IF 10/1 |
| Full product name  | 7T8 LED/24-3500 IF 10/1 |

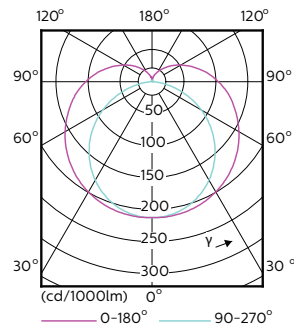
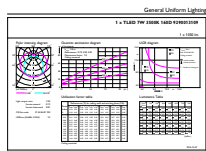
|                                 |                |
|---------------------------------|----------------|
| Order code                      | 929001310904   |
| Material Nr. (12NC)             | 929001310904   |
| Numerator - Quantity Per Pack   | 1              |
| EAN/UPC - Product/Case          | 046677472283   |
| Numerator - Packs per outer box | 10             |
| EAN/UPC - Case                  | 50046677469288 |

## Dimensional drawing



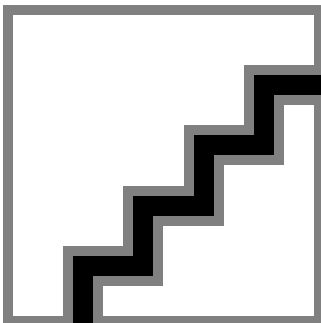
| Product                 | D1      | D2      | A1       | A2       | A3       |
|-------------------------|---------|---------|----------|----------|----------|
| 7T8 LED/24-3500 IF 10/1 | 25.7 mm | 26.3 mm | 588.6 mm | 595.7 mm | 602.8 mm |

## Photometric data



General uniform lighting - 7T8 LED/24-3500 IF 10/1

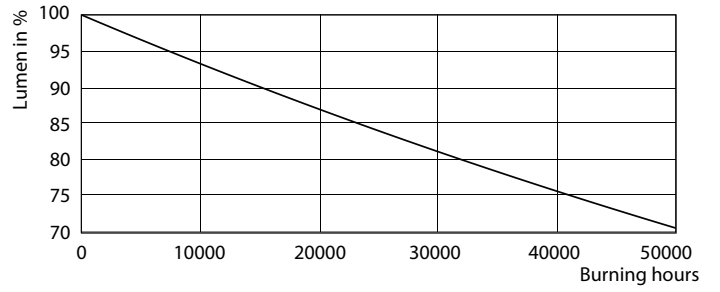
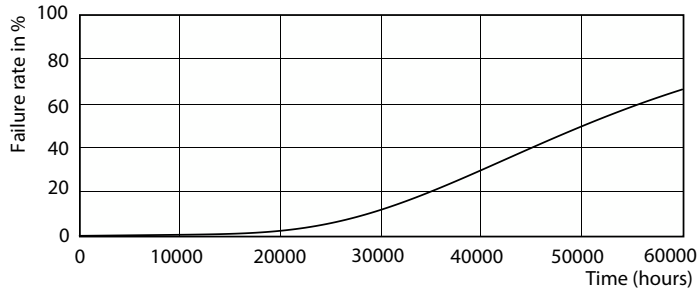
Light Distribution Diagram - 7T8 LED/24-3500 IF 10/1



Spectral Power Distribution Colour - 7T8 LED/24-3500 IF 10/1

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## Lifetime



Life Expectancy Diagram - 7T8 LED/24-3500 IF 10/1

Lumen Maintenance Diagram - 7T8 LED/24-3500 IF 10/1

