



# LED InstantFit Lamps

## 14T8/48-3500 IF 10/1 DIM

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### Product data

| General Information                   |                                  | Power Factor (Nom)                             |  |
|---------------------------------------|----------------------------------|--|--|
| Cap-Base                              | G13 [ Medium Bi-Pin Fluorescent] |  | 0.9  |
| Main Application                      | Industrial                       | Voltage (Nom)                                  | 120-277, 347 V                                 |
| Nominal Lifetime (Nom)                | 50000 h                          | <b>Temperature</b>                             |  |
| Switching Cycle                       | 50000X                           | T-Ambient (Max)                                | 45 °C  |
| B50L70                                | 50000 h                          | T-Ambient (Min)                                | -20 °C   |
| <b>Light Technical</b>                |                                  | T-Storage (Max)                                | 65 °C  |
| Color Code                            | 835 [ CCT of 3500K]              | T-Storage (Min)                                | -40 °C   |
| Beam Angle (Nom)                      | 160 °                            | T-Case Maximum (Nom)                           | 45 °C  |
| Initial lumen (Nom)                   | 2000 lm                          | <b>Controls and Dimming</b>                    |  |
| Luminous Flux (Rated) (Nom)           | 2000 lm                          | Dimmable                                       | Yes  |
| Rated Beam Angle                      | 160 °                            | <b>Mechanical and Housing</b>                  |  |
| Correlated Color Temperature (Nom)    | 3500 K                           | Product Length                                 | 1200 mm  |
| Color Consistency                     | <6                               | <b>Approval and Application</b>                |  |
| Color Rendering Index (Nom)           | 82                               | DesignLights Consortium Qualified Product List | DesignLights Consortium Qualified Product List |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | Energy Saving Product                          | Yes  |
| <b>Operating and Electrical</b>       |                                  | Suitable For Accent Lighting                   | No   |
| Input Frequency                       | 50 to 60 Hz                      | Approbation Marks                              | UL certificate RoHS compliance                 |
| Power (Rated) (Nom)                   | 14 W                             | Energy Consumption kWh/1000 h                  | 18 kWh   |
| Lamp Current (Nom)                    | 180 mA                           |  |  |
| Starting Time (Nom)                   | 0.5 s                            |  |  |
| Warm Up Time To 60% Light (Nom)       | 0.5 s                            |  |  |

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## Product Data

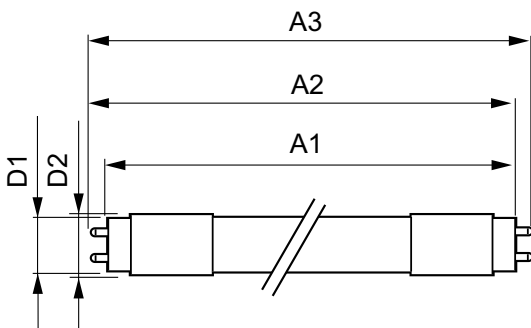
|                               |                          |
|-------------------------------|--------------------------|
| Order product name            | 14T8/48-3500 IF 10/1 DIM |
| EAN/UPC - Product             | 046677472245             |
| Order code                    | 468314                   |
| Numerator - Quantity Per Pack | 1                        |

|                                 |              |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001158664 |
| Net Weight (Piece)              | 0.230 kg     |

## Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at [www.philips.com/instantfit](http://www.philips.com/instantfit).

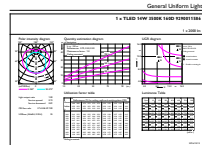
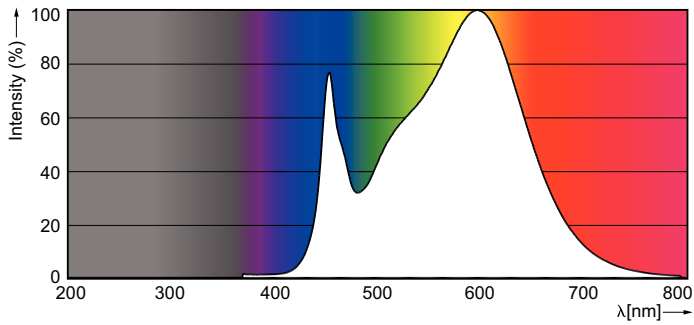
## Dimensional drawing



LEDtube 1200mm 15W/835

| Product                  | D1       | D2    | A1        | A2        | A3        |
|--------------------------|----------|-------|-----------|-----------|-----------|
| 14T8/48-3500 IF 10/1 DIM | 25.68 mm | 28 mm | 1198.0 mm | 1205.0 mm | 1212.0 mm |

## Photometric data



General Uniform Lighting  
1 x T8 LED lamp (2000lm 2700K)

