



# LED InstantFit Lamps with EasySmart Technology

## 14T8/48-3000 IF EasySmart 10/1

Philips InstantFit lamp with EasySmart technology means easy upgrade to smart lighting system without re-wiring the fixtures. 2.4GHz mesh networking technology allows integration with a variety of control devices wirelessly, such as sensor and switch, to achieve even more energy saving and enhance flexibility in your space. Through dimming, occupancy sensing and/or daylight harvesting, lamps deliver 50% or more energy saving thanks to EasySmart technology.

### Product data

| General Information                |                                  |
|------------------------------------|----------------------------------|
| Cap-Base                           | G13 [ Medium Bi-Pin Fluorescent] |
| Main Application                   | Industrial                       |
| Nominal Lifetime (Nom)             | 50000 h                          |
| Switching Cycle                    | 50000X                           |
| B50L70                             | 50000 h                          |
| Light Technical                    |                                  |
| Color Code                         | 830 [ CCT of 3000K]              |
| Initial lumen (Nom)                | 2000 lm                          |
| Luminous Flux (Rated) (Nom)        | 2000 lm                          |
| Correlated Color Temperature (Nom) | 3000 K                           |
| Color Consistency                  | <6                               |
| Color Rendering Index (Nom)        | 82                               |

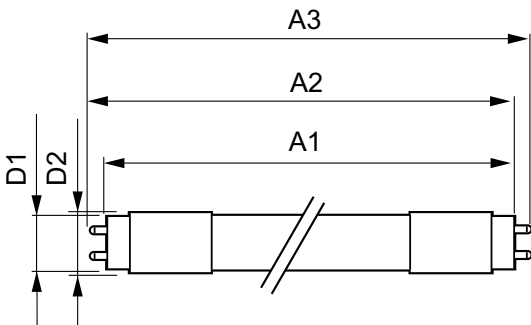
| LLMF At End Of Nominal Lifetime (Nom) | 70 %           |
|---------------------------------------|----------------|
| Operating and Electrical              |                |
| Input Frequency                       | 50 to 60 Hz    |
| Power (Rated) (Nom)                   | 14 W           |
| Lamp Current (Max)                    | 240 mA         |
| Lamp Current (Min)                    | 130 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, 347 V |
| Temperature                           |                |
| T-Ambient (Max)                       | 45 °C          |
| T-Ambient (Min)                       | -20 °C         |

LED InstantFit Lamps with EasySmart Technology

|                                 |                |
|---------------------------------|----------------|
| T-Storage (Max)                 | 65 °C          |
| T-Storage (Min)                 | -40 °C         |
| T-Case Maximum (Nom)            | 40 °C          |
| <b>Controls and Dimming</b>     |                |
| Dimmable                        | Wireless Dim   |
| <b>Mechanical and Housing</b>   |                |
| Product Length                  | 1200 mm        |
| <b>Approval and Application</b> |                |
| Energy Saving Product           | Yes            |
| Energy Efficiency Label (EEL)   | Not applicable |

|                                 |                                |
|---------------------------------|--------------------------------|
| Approbation Marks               | UL certificate RoHS compliance |
| <b>Product Data</b>             |                                |
| Order product name              | 14T8/48-3000 IF 10/1 EasySmart |
| EAN/UPC - Product               | 046677466459                   |
| Order code                      | 466458                         |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 10                             |
| Material Nr. (12NC)             | 929001281104                   |
| Net Weight (Piece)              | 0.230 kg                       |
| Model Number                    | 9290012811                     |

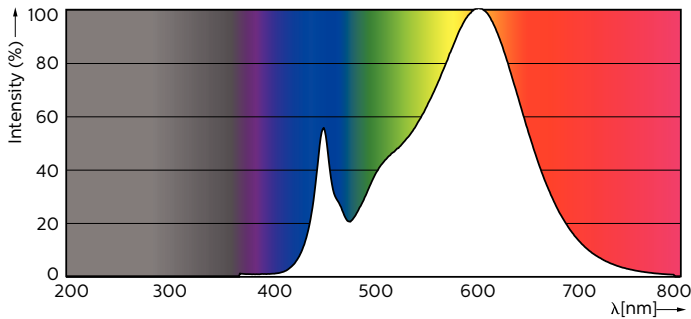
Dimensional drawing



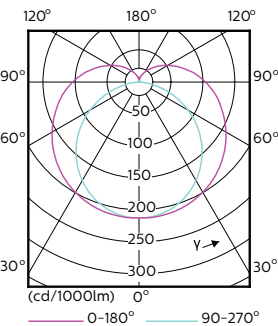
14T8/48-3000 IF 10/1 EasySmart

| Product                        | D1      | D2      | A1      | A2      | A3      |
|--------------------------------|---------|---------|---------|---------|---------|
| 14T8/48-3000 IF 10/1 EasySmart | 25.7 mm | 26.3 mm | 1198 mm | 1205 mm | 1212 mm |

Photometric data



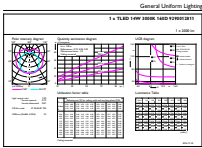
LEDtube 1200mm 14W G13 830 2000lm



LEDtube 1200mm 14W G13 2000lm

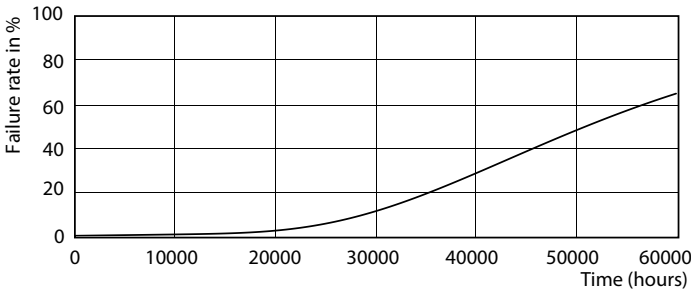
# LED InstantFit Lamps with EasySmart Technology

## Photometric data

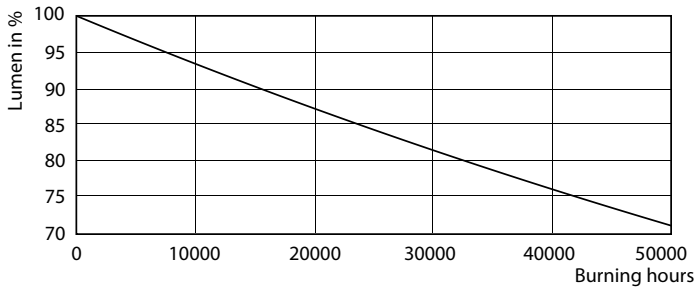


General Uniform Lightings  
1 x 14.5W LED 14W G13 2000lm  
1 x 14.5W LED 14W G13 2000lm

## Lifetime



LEDtube 1200mm 14W G13 2000lm



LEDtube 1200mm 14W G13 2000lm

