



# MasterConnect LEDtube InstantFit T8

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

Philips MasterConnect LEDtube InstantFit T8 lamp, which is Interact Ready, enables an easy upgrade to a connected lighting system without re-wiring the fixtures. The 2.4GHz mesh networking technology allows integration with a variety of control device, such as sensor and switch. It also offers secure and reliable communication towards the Interact IoT platform or verified third party systems. The result? Greater energy savings, various control possibilities and a more adaptable space!

### Product data

| General Information    |                                  |
|------------------------|----------------------------------|
| 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 |
| T-Storage (Max)      | 65 °C  |
| T-Storage (Min)      | -40 °C |
| T-Case Maximum (Nom) | 40 °C  |

| Controls and Dimming |              |
|----------------------|--------------|
| Dimmable             | Wireless Dim |

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## Mechanical and Housing

Product Length 1200 mm

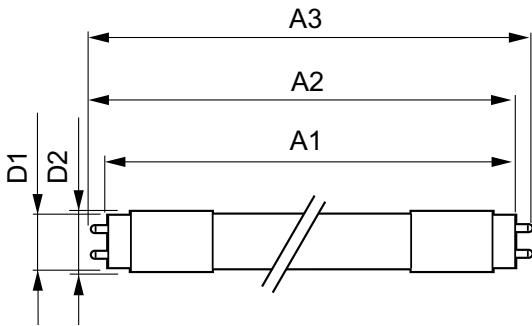
## Approval and Application

Energy Efficiency Label (EEL) Not applicable  
 Energy Saving Product Yes  
 Approbation Marks UL certificate RoHS compliance DLC compliance  
 Energy Certifications DLC Standard  
 DesignLights Consortium Qualified Product List -

## Product Data

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

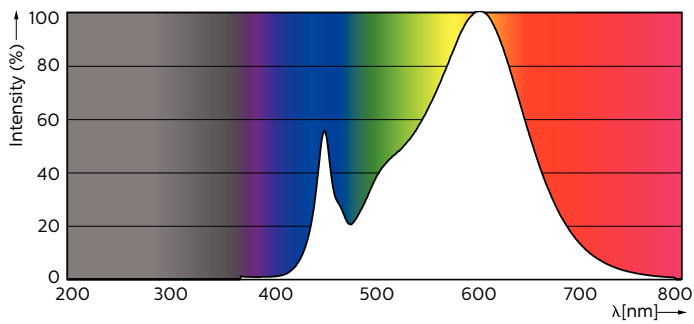
## Dimensional drawing



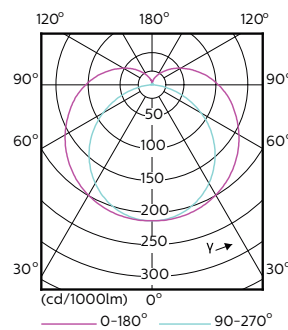
14T8/48-3000 IF 10/1 EasySmart

| 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



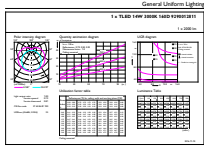
LEDtube 1200mm 14W G13 830 2000lm



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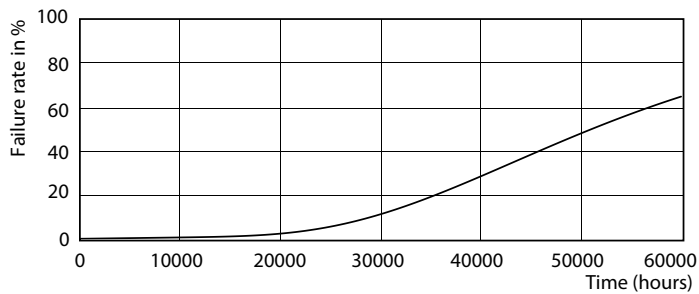
## Photometric data



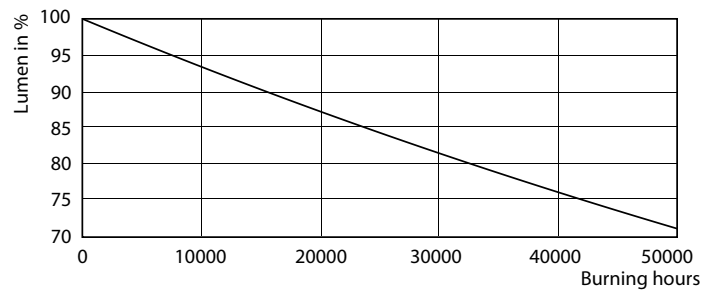
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## Lifetime



LEDtube 1200mm 14W G13 2000lm



LEDtube 1200mm 14W G13 2000lm

