



# T8

## 14T8/COR/48-840/IF21/G/DIM 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] |
| EU RoHS compliant                     | Yes                              |
| Nominal Lifetime (Nom)                | 50000 h                          |
| Switching Cycle                       | 50000X                           |
| Light Technical                       |                                  |
| Color Code                            | 841 [ CCT of 4100K (841)]        |
| Beam Angle (Nom)                      | 240 °                            |
| Luminous Flux (Nom)                   | 2100 lm                          |
| Color Designation                     | Cool White (CW)                  |
| Correlated Color Temperature (Nom)    | 4000 K                           |
| Luminous Efficacy (rated) (Nom)       | 150.00 lm/W                      |
| Color Consistency                     | <6                               |
| Color Rendering Index (Nom)           | 82                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             |
| Operating and Electrical              |                                  |
| Input Frequency                       | 25000-105000 Hz                  |
| Power (Rated) (Nom)                   | 14 W                             |

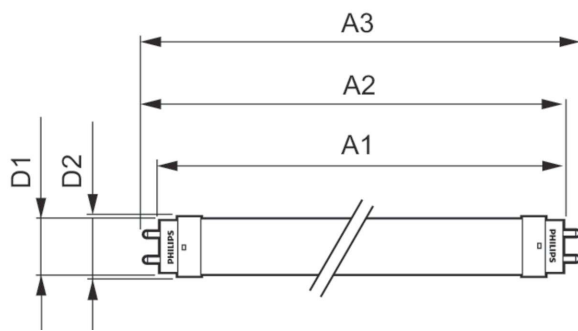
| Lamp Current (Max)              | 260 mA                    |
|---------------------------------|---------------------------|
| Lamp Current (Min)              | 100 mA                    |
| Starting Time (Nom)             | 0.5 s                     |
| Warm Up Time to 60% Light (Nom) | 0.5 s                     |
| UL Type                         | Type A - works on ballast |
| 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)            | 50 °C                     |
| Controls and Dimming            |                           |
| Dimmable                        | Yes                       |
| Mechanical and Housing          |                           |
| Bulb Material                   | Glass                     |

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|                                 |   |
|---------------------------------|---|
| Product Length                  | 1200 mm                                       |
| Bulb Shape                      | Tube, double-ended                            |
| <b>Approval and Application</b> |   |
| Energy Saving Product           | Yes   |
| Approval Marks                  | UL certificate RoHS compliance DLC compliance |
| Energy Consumption kWh/1000 h   | - kWh   |
| Energy Certifications           | DLC Standard                                  |

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Product Data</b>             |                                 |
| Order product name              | 14T8/COR/48-840/IF21/G/DIM 10/1 |
| EAN/UPC - Product               | 046677453251                    |
| Order code                      | 470112                          |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 10                              |
| Material Nr. (12NC)             | 929001343234                    |
| Net Weight (Piece)              | 0.215 kg                        |

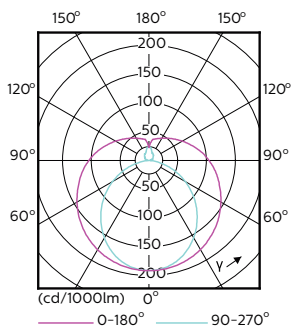
## Dimensional drawing



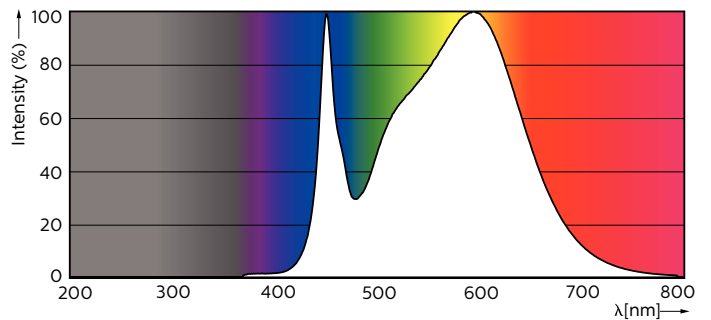
14T8 PRO LED/48-4000 IF G 10/1

| Product                         | D1      | D2    | A1      | A2      | A3      |
|---------------------------------|---------|-------|---------|---------|---------|
| 14T8/COR/48-840/IF21/G/DIM 10/1 | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

## Photometric data



LEDtube 1200mm 17W G13 2100lm

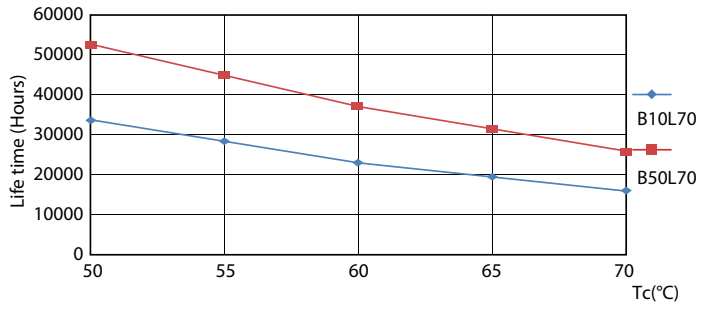


LEDtube PRO 1200mm 14W G13 840 2100lm



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## Lifetime



12W G13

