

# 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

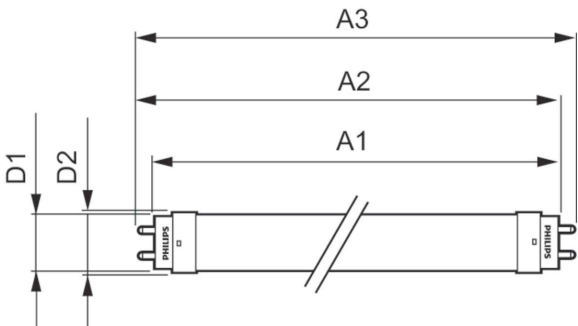
|                                       |                                  |                                        |                           |        |
|---------------------------------------|----------------------------------|----------------------------------------|---------------------------|--------|
| <b>General Information</b>            |                                  | <b>Lamp Current (Max)</b>              |                           | 260 mA |
| Base                                  | G13 [ Medium Bi-Pin Fluorescent] | <b>Lamp Current (Min)</b>              | 100 mA                    |        |
| EU RoHS compliant                     | Yes                              | <b>Starting Time (Nom)</b>             | 0.5 s                     |        |
| Nominal Lifetime (Nom)                | 50000 h                          | <b>Warm Up Time to 60% Light (Nom)</b> | 0.5 s                     |        |
| Switching Cycle                       | 50000X                           | <b>UL Type</b>                         | Type A - works on ballast |        |
| <b>Light Technical</b>                |                                  | <b>Power Factor (Nom)</b>              | 0.9                       |        |
| Color Code                            | 841 [ CCT of 4100K (841)]        | <b>Voltage (Nom)</b>                   | 120-277, 347 V            |        |
| Beam Angle (Nom)                      | 240 °                            | <b>Temperature</b>                     |                           |        |
| Initial lumen (Nom)                   | 2100 lm                          | <b>T-Ambient (Max)</b>                 | 45 °C                     |        |
| Color Designation                     | Cool White (CW)                  | <b>T-Ambient (Min)</b>                 | -20 °C                    |        |
| Correlated Color Temperature (Nom)    | 4000 K                           | <b>T-Storage (Max)</b>                 | 65 °C                     |        |
| Luminous Efficacy (rated) (Nom)       | 150.00 lm/W                      | <b>T-Storage (Min)</b>                 | -40 °C                    |        |
| Color Consistency                     | <6                               | <b>T-Case Maximum (Nom)</b>            | 50 °C                     |        |
| Color Rendering Index (Nom)           | 82                               | <b>Controls and Dimming</b>            |                           |        |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | <b>Dimmable</b>                        | Yes                       |        |
| <b>Operating and Electrical</b>       |                                  | <b>Mechanical and Housing</b>          |                           |        |
| Input Frequency                       | 25000-105000 Hz                  | <b>Bulb Material</b>                   | Glass                     |        |
| Power (Rated) (Nom)                   | 14 W                             |                                        |                           |        |

|                               |                                |
|-------------------------------|--------------------------------|
| Product Length                | 48 in                          |
| Approval and Application      |                                |
| Energy Efficiency Label (EEL) | Not applicable                 |
| Energy Saving Product         | Yes                            |
| Approbation Marks             | DLC compliance                 |
| Approbation Marks             | UL certificate RoHS compliance |
| Energy Consumption kWh/1000 h | - kWh                          |
| Energy Certifications         | DLC Standard                   |

|                    |                                 |
|--------------------|---------------------------------|
| Product Data       |                                 |
| 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     |
| Model Number                    | 9290013432A  |

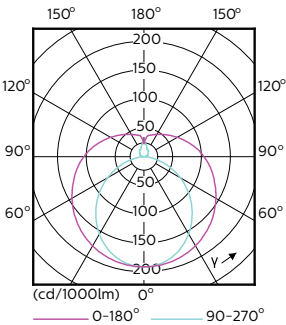
Dimensional drawing



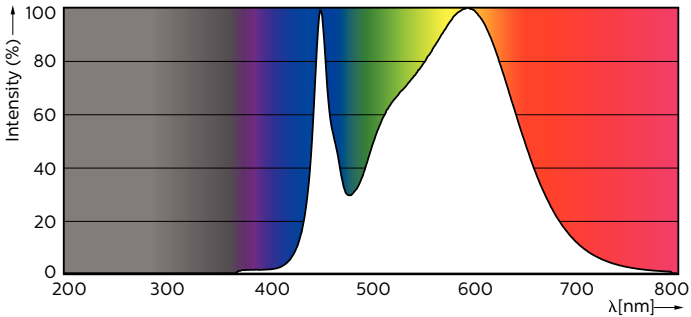
14T8 PRO LED/48-4000 IF G 10/1

| 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

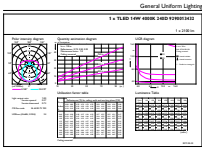


LEDtube 1200mm 17W G13 2100lm



LEDtube PRO 1200mm 14W G13 840 2100lm

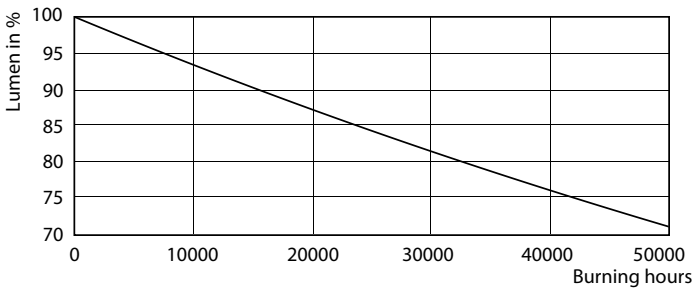
Photometric data



General Uniform Lighting 1 x 1200mm 14W G13 2100lm Page 17

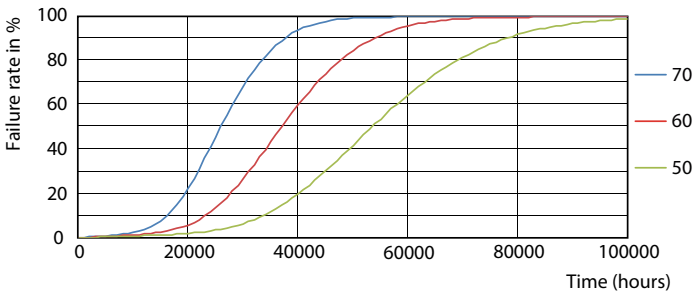
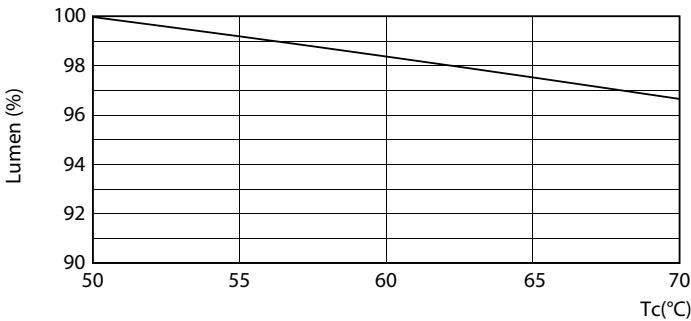
LEDtube PRO 1200mm 14W G13 840 2100lm

Lifetime



LEDtube PRO 1200mm 14W G13 2000lm

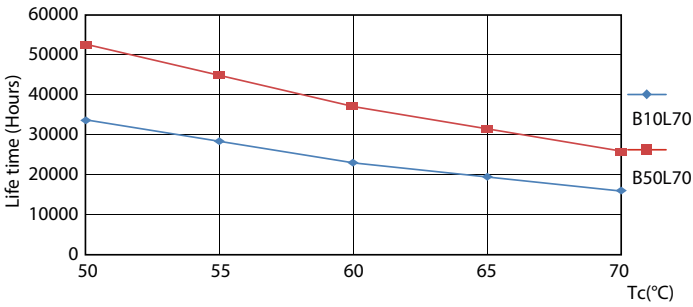
LEDtube PRO 1200mm 14W G13 2000lm



12W G13

12W G13

Lifetime



12W G13

