



# CorePro LEDtube InstantFit T8

## 14T8 PRO LED/48-5000 IF G 10/1

The CorePro LED Type A - Ballast Driven InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using the existing ballast. The InstantFit (Type A) lamps can also be used with Philips TLED drivers for Type C applications.

### Product data

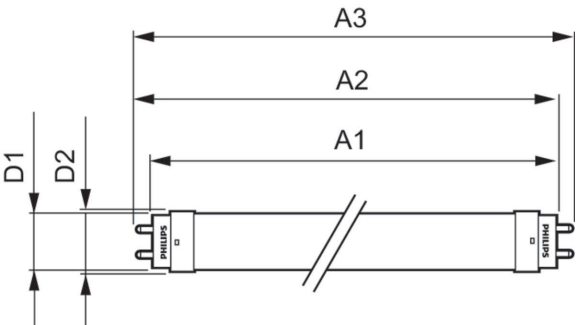
|                                       |                                 |                                  |  |                                               |
|---------------------------------------|---------------------------------|----------------------------------|--|-----------------------------------------------|
| <b>General Information</b>            |                                 | <b>Starting Time (Nom)</b>       |  | 0.5 s                                         |
| Cap-Base                              | G13 [Medium Bi-Pin Fluorescent] | <b>Warm-up time to 60% light</b> |  | 0.5 s                                         |
| Nominal lifetime                      | 50,000 hour(s)                  | <b>Power Factor (Fraction)</b>   |  | 0.9                                           |
| Switching Cycle                       | 50,000                          | <b>Voltage (Nom)</b>             |  | 120-277, 347 V                                |
| Lighting Technology                   | LED                             | <b>Temperature</b>               |  |                                               |
| EU RoHS compliant                     | Yes                             | <b>Ambient temperature range</b> |  | -4 °F to 113 °F                               |
| <b>Light Technical</b>                |                                 | <b>T-Case Maximum (Nom)</b>      |  | 122 °F                                        |
| Color Code                            | 850 [CCT of 5000K]              | <b>Controls and Dimming</b>      |  |                                               |
| Luminous Flux                         | 2,100 lm                        | <b>Dimmable</b>                  |  | No                                            |
| Correlated Color Temperature (Nom)    | 5000 K                          | <b>Mechanical and Housing</b>    |  |                                               |
| Color Consistency                     | <6                              | <b>Product Length</b>            |  | 1,200 mm                                      |
| Color rendering index (CRI)           | 80                              | <b>Approval and Application</b>  |  |                                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                            | <b>Energy Saving Product</b>     |  | Yes                                           |
| <b>Operating and Electrical</b>       |                                 | <b>Approval Marks</b>            |  | UL certificate RoHS compliance DLC compliance |
| Line Frequency                        | 20000-120000 Hz                 |                                  |  |                                               |
| Input Frequency                       | 20000-120000 Hz                 |                                  |  |                                               |
| Power Consumption                     | 14 W                            |                                  |  |                                               |
| Lamp Current (Max)                    | 260 mA                          |                                  |  |                                               |
| Lamp Current (Min)                    | 80 mA                           |                                  |  |                                               |

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| Product Data                  |                                |
|-------------------------------|--------------------------------|
| Order product name            | 14T8 PRO LED/48-5000 IF G 10/1 |
| Full product name             | 14T8 PRO LED/48-5000 IF G 10/1 |
| Order code                    | 470120                         |
| Material Nr. (12NC)           | 929001343304                   |
| Numerator - Quantity Per Pack | 1                              |

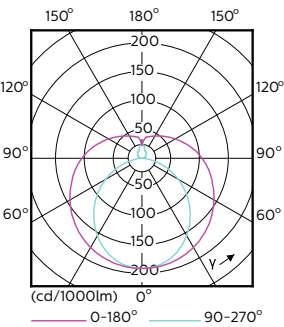
|                                 |                |
|---------------------------------|----------------|
| EAN/UPC - Product/Case          | 046677452483   |
| Numerator - Packs per outer box | 10             |
| EAN/UPC - Case                  | 50046677470123 |

Dimensional drawing

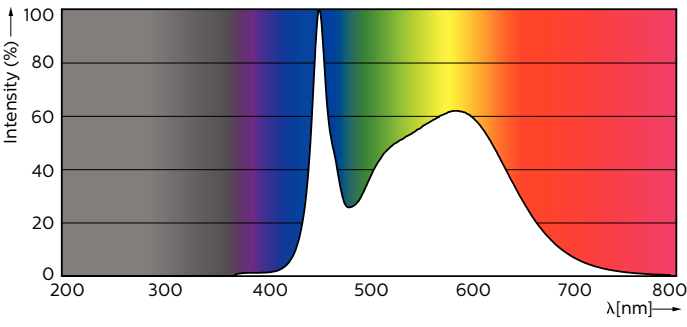


| Product                        | D1          | D2         | A1           | A2          | A3          |
|--------------------------------|-------------|------------|--------------|-------------|-------------|
| 14T8 PRO LED/48-5000 IF G 10/1 | 1-1/16 inch | 1-1/8 inch | 47-3/16 inch | 47-1/2 inch | 47-3/4 inch |

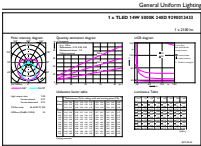
Photometric data



Light Distribution Diagram - 14T8 PRO LED/48-5000 IF G 10/1



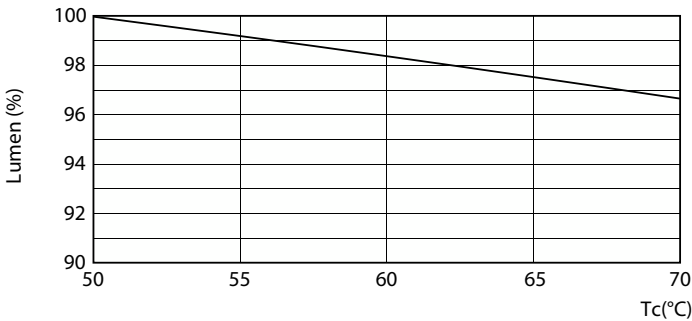
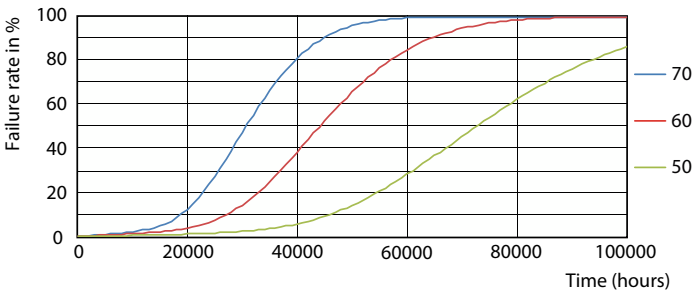
Spectral Power Distribution Colour - 14T8 PRO LED/48-5000 IF G 10/1



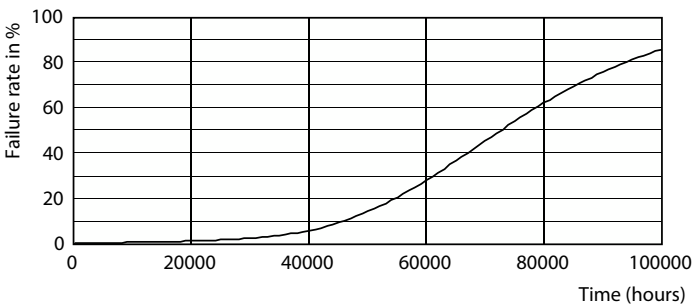
General uniform lighting - 14T8 PRO LED/48-5000 IF G 10/1

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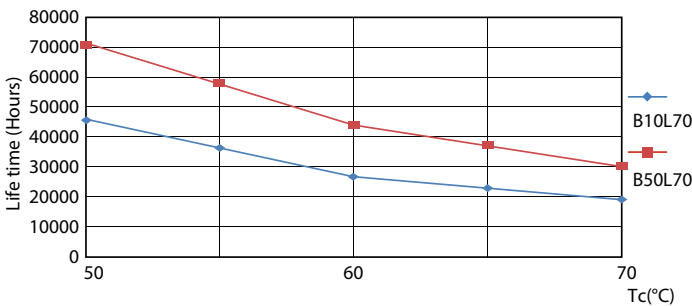
Lifetime



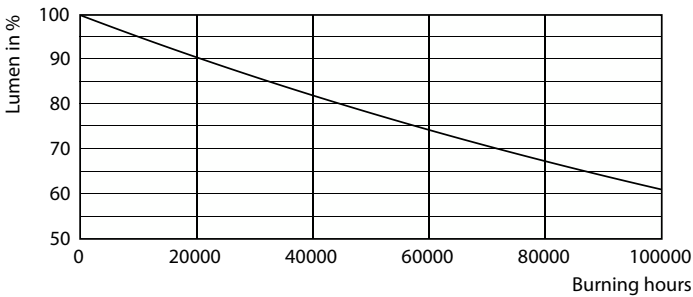
Life Expectancy Diagram - 14T8 PRO LED/48-5000 IF G 10/1



Lumen Maintenance Diagram - 14T8 PRO LED/48-5000 IF G 10/1



Life Expectancy Diagram - 14T8 PRO LED/48-5000 IF G 10/1



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