

# InstantFit (UL Type-A) T5

## 14T5HE/46-835/IF20/G/DIM 10/1

The InstantFit TLED lamps provide hassle-free installation with simple lamp-for-lamp replacements. They deliver what we promise, with at least 40% energy savings, flicker-free performance, and the life you would expect. Other lamps claim compatibility but only InstantFit (UL Type-A) has been proven to work with over 200 ballasts and drivers, delivering even light output, with proven energy savings and a long average lifetime. End users will be delighted being under these comfortable and high quality InstantFit lamps with no visible flicker and optimized optics. Energy managers will enjoy the InstantFit lamps too as they can count the savings delivered by our lamps. To enjoy more energy savings, the InstantFit lamps can be paired with the Advance TLED drivers to create a Type C system.

### Product data

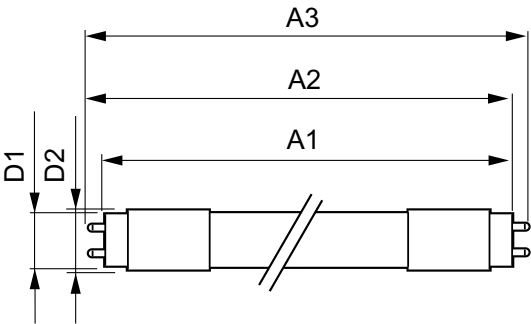
| General Information                |                    | Color rendering index (CRI)                |                 |
|------------------------------------|--------------------|--------------------------------------------|-----------------|
| Cap-Base                           | G5 [G5]            | 82                                         |                 |
| Nominal lifetime                   | 50,000 hour(s)     | LLMF At End Of Nominal Lifetime (Nom) 70 % |                 |
| Switching Cycle                    | 50,000             |                                            |                 |
| Lighting Technology                | LED                |                                            |                 |
| EU RoHS compliant                  | Yes                |                                            |                 |
| Light Technical                    |                    | Operating and Electrical                   |                 |
| Color Code                         | 835 [CCT of 3500K] | Line Frequency                             | 40000-110000 Hz |
| Beam Angle (Nom)                   | 200 degree(s)      | Input Frequency                            | 40000-110000 Hz |
| Luminous Flux                      | 2,000 lm           | Power Consumption                          | 14 W            |
| Color Designation                  | White (WH)         | Lamp Current (Max)                         | 350 mA          |
| Correlated Color Temperature (Nom) | 3500 K             | Lamp Current (Min)                         | 150 mA          |
| Luminous Efficacy (rated) (Nom)    | 142.00 lm/W        | Wattage Equivalent                         | 28 W            |
| Color Consistency                  | <6                 | Starting Time (Nom)                        | 0.5 s           |
|                                    |                    | Warm-up time to 60% light                  | 0.5 s           |
|                                    |                    | Power Factor (Fraction)                    | 0.9             |
|                                    |                    | Voltage (Nom)                              | 70-105 V        |

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|                           |                                               |
|---------------------------|-----------------------------------------------|
| UL Type                   | UL Type A                                     |
| Temperature               |                                               |
| Ambient temperature range | -20 °C to 45 °C                               |
| T-Case Maximum (Nom)      | 70 °C                                         |
| Controls and Dimming      |                                               |
| Dimmable                  | Yes                                           |
| Mechanical and Housing    |                                               |
| Bulb Finish               | Frosted                                       |
| Bulb Material             | Glass                                         |
| Product Length            | 1,200 mm                                      |
| Bulb Shape                | T5                                            |
| Approval and Application  |                                               |
| Energy Saving Product     | Yes                                           |
| Approval Marks            | UL certificate RoHS compliance DLC compliance |

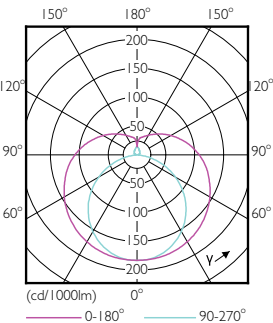
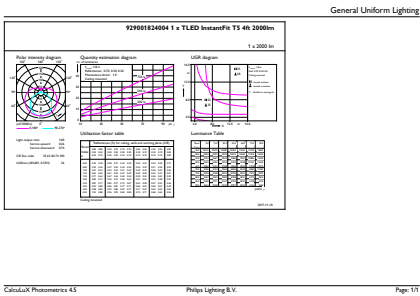
|                                     |                               |
|-------------------------------------|-------------------------------|
| Energy Consumption kWh/1000 h       | - kWh                         |
| Energy Certifications               | DLC Standard                  |
| Application Conditions              |                               |
| can it be used in closed luminaires | Yes                           |
| Product Data                        |                               |
| Order product name                  | 14T5HE/46-835/IF20/G/DIM 10/1 |
| Full product name                   | 14T5HE/46-835/IF20/G/DIM 10/1 |
| Order code                          | 929001824004                  |
| Material Nr. (12NC)                 | 929001824004                  |
| Numerator - Quantity Per Pack       | 1                             |
| EAN/UPC - Product/Case              | 046677476502                  |
| Numerator - Packs per outer box     | 10                            |
| EAN/UPC - Case                      | 50046677476507                |

Dimensional drawing



| Product                       | D1      | D2      | A1         | A2         | A3       |
|-------------------------------|---------|---------|------------|------------|----------|
| 14T5HE/46-835/IF20/G/DIM 10/1 | 15.3 mm | 18.4 mm | 1,147.8 mm | 1,154.9 mm | 1,162 mm |

Photometric data

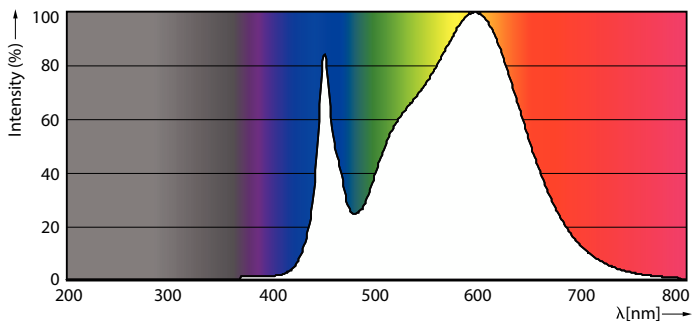


General uniform lighting - 14T5HE/46-835/IF20/G/DIM 10/1

Light Distribution Diagram - 14T5HE/46-835/IF20/G/DIM 10/1

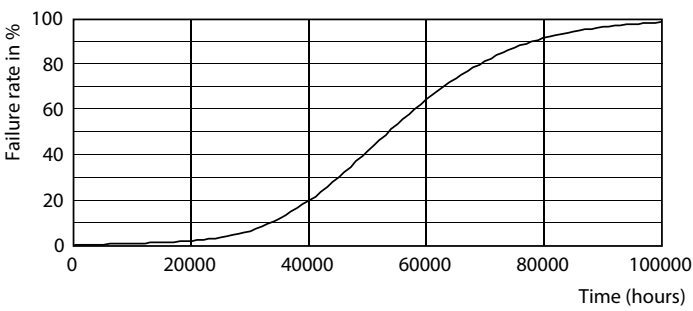
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Photometric data

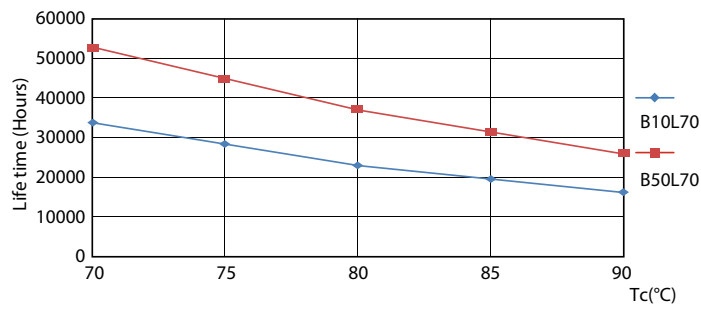


Spectral Power Distribution Colour - 14T5HE/46-835/IF20/G/DIM 10/1

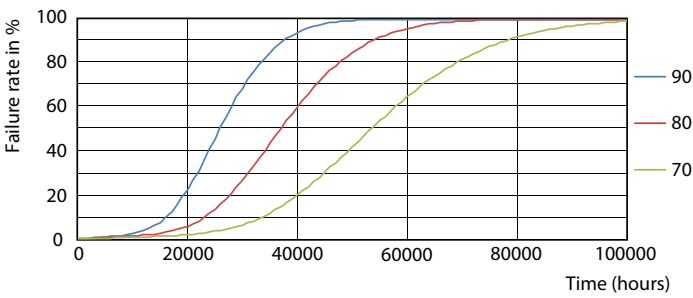
Lifetime



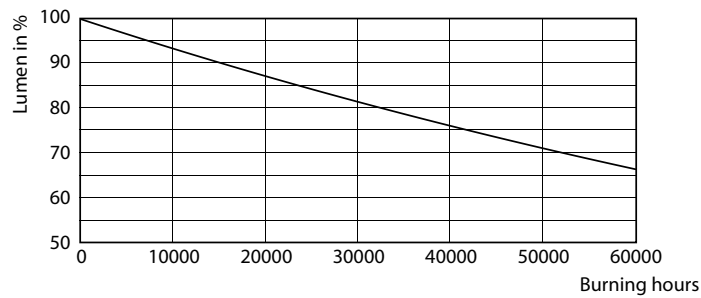
Life Expectancy Diagram - 14T5HE/46-835/IF20/G/DIM 10/1



Life Expectancy Diagram - 14T5HE/46-835/IF20/G/DIM 10/1



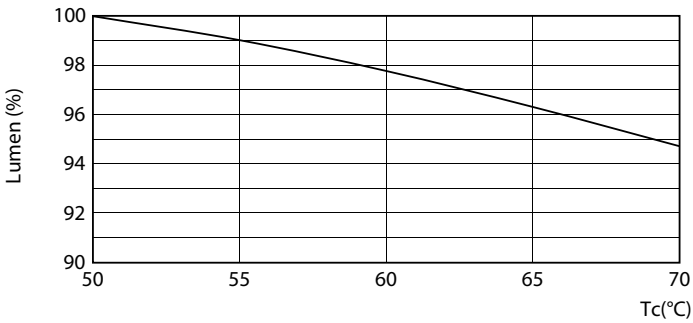
Life Expectancy Diagram - 14T5HE/46-835/IF20/G/DIM 10/1



Lumen Maintenance Diagram - 14T5HE/46-835/IF20/G/DIM 10/1

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Lifetime



Lumen Maintenance Diagram - 14T5HE/46-835/IF20/G/DIM 10/1

