

# T5

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

Philips T5 LED tubes offer an affordable, energy saving retrofit solution. The T5 lamps have been engineered to withstand the test of time with a 50,000-hour lifetime and a limited 5-year warranty to back it up. The lighting performance effectively replaces conventional fluorescent T5 HO or T5 HE lamps. Available in either InstantFit (Type A or Type C) or MainsFit (Type B / Ballast bypass), Philips T5 TLEDs provide a variety of options for any application.

### Product data

| General Information                   |                     |
|---------------------------------------|---------------------|
| Base                                  | G5 [ G5]            |
| EU RoHS compliant                     | Yes                 |
| Nominal Lifetime (Nom)                | 50000 h             |
| Switching Cycle                       | 50000X              |
| Light Technical                       |                     |
| Color Code                            | 835 [ CCT of 3500K] |
| Beam Angle (Nom)                      | 200 °               |
| Initial lumen (Nom)                   | 2000 lm             |
| Color Designation                     | White (WH)          |
| Correlated Color Temperature (Nom)    | 3500 K              |
| Luminous Efficacy (rated) (Nom)       | 142.00 lm/W         |
| Color Consistency                     | <6                  |
| Color Rendering Index (Nom)           | 82                  |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                |
| Operating and Electrical              |                     |
| Input Frequency                       | 40000-110000 Hz     |
| Power (Rated) (Nom)                   | 14 W                |
| Lamp Current (Max)                    | 350 mA              |

| Lamp Current (Min)              | 150 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)                   | 70-105 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)            | 70 °C                     |
| Controls and Dimming            |                           |
| Dimmable                        | Yes                       |
| Mechanical and Housing          |                           |
| Product Length                  | 1200 mm                   |

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## Approval and Application

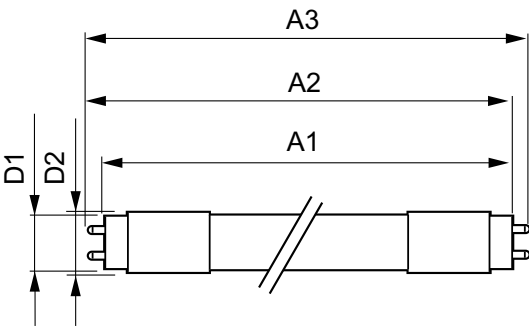
|                               |   |
|-------------------------------|---|
| Energy Efficiency Label (EEL) | Not applicable                                |
| Energy Saving Product         | Yes   |
| Approbation Marks             | UL certificate RoHS compliance DLC compliance |
| Energy Consumption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

## Product Data

|                    |                               |
|--------------------|-------------------------------|
| Order product name | 14T5HE/46-835/IF20/G/DIM 10/1 |
|--------------------|-------------------------------|

|                                 |              |
|---------------------------------|--------------|
| EAN/UPC - Product               | 046677476502 |
| Order code                      | 476507       |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001824004 |
| Net Weight (Piece)              | 0.146 kg     |
| Model Number                    | 9290018240   |

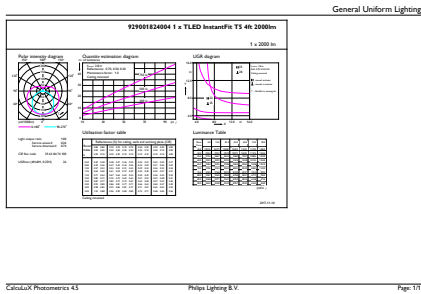
## Dimensional drawing



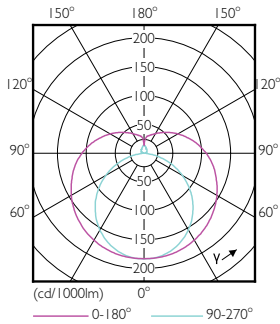
TLED 1200mm HFV16-28W 2100lm 3500K ND

| Product                       | D1      | D2      | A1        | A2        | A3      |
|-------------------------------|---------|---------|-----------|-----------|---------|
| 14T5HE/46-835/IF20/G/DIM 10/1 | 15.3 mm | 18.4 mm | 1147.8 mm | 1154.9 mm | 1162 mm |

## Photometric data

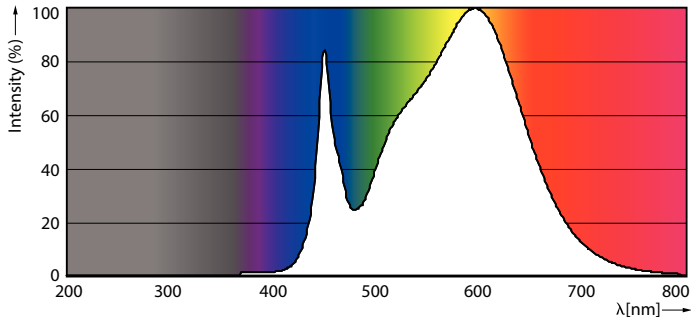


LEDtube 14W G5 835 200D DIM IF20



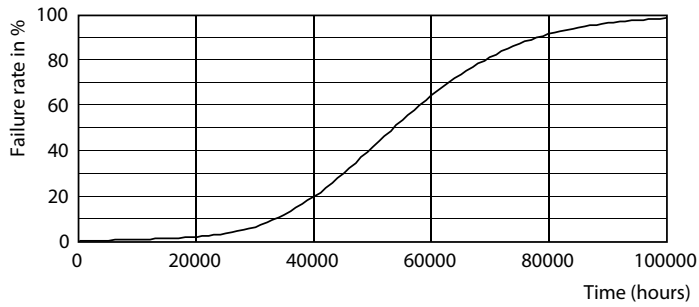
LEDtube 8W G5 830 200D DIM IF10

Photometric data

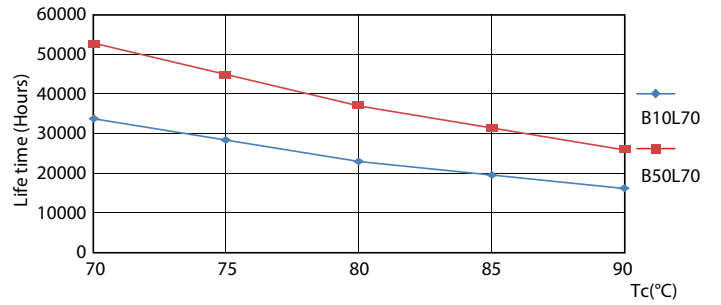


LEDtube 14W G5 835 200D DIM IF20

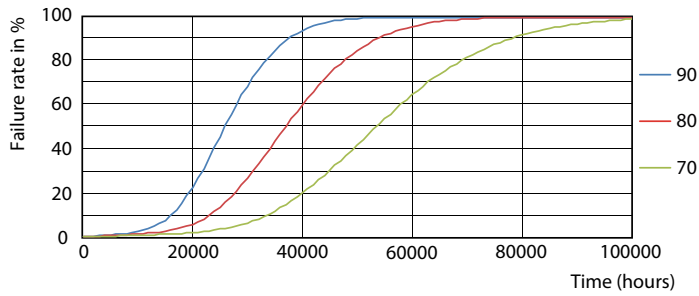
Lifetime



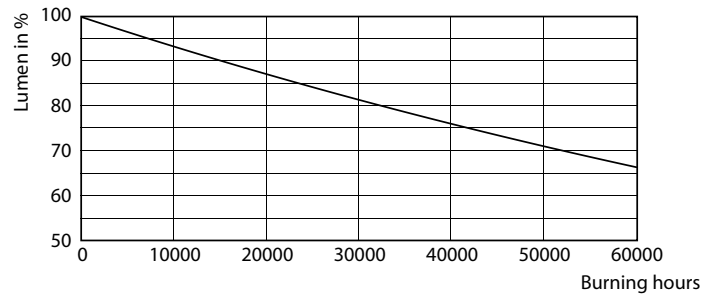
LEDtube 8-14W G5 830-850 200D DIM IF10-21



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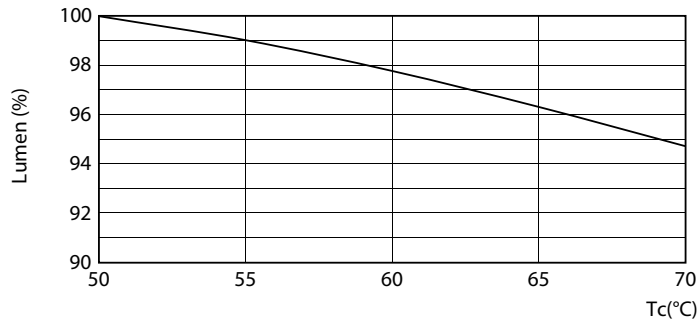
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## Lifetime



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