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
- **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

#### Controls and Dimming
- **Dimmable**: Yes

#### Mechanical and Housing
- **Product Length**: 1200 mm

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Datasheet, 2020, June 18  
data subject to change
Datasheet, 2020, June 18

**T5**

### Approval and Application

| Energy Efficiency Label (EEL) | Not applicable |
| Energy Saving Product | Yes |
| Approval 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 |

### Photometric data

| LEDtube 14W G5 835 200D DIM IF20 | LEDtube 8W G5 830 200D DIM IF10 |

### Dimensional drawing

![Dimensional drawing of TLED 1200mm HFV16-28W 2100lm 3500K ND](image)

<table>
<thead>
<tr>
<th>Product</th>
<th>D1</th>
<th>D2</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
</tr>
</thead>
<tbody>
<tr>
<td>14T5HE/46-835/IF20/G/DIM 10/1</td>
<td>15.3 mm</td>
<td>18.4 mm</td>
<td>1147.8 mm</td>
<td>1154.9 mm</td>
<td>1162 mm</td>
</tr>
</tbody>
</table>

### EAN/UPC - Product

| 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 |

General Lighting
Photometric data

LEDtube 14W G5 835 200D DIM IF20

Lifetime

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

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

Lumen in %

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

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

Datasheet, 2020, June 18
LEDtube 8-14W G5 830-850 200D DIM IF10-21