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)**: 3300 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3500 K
- **Luminous Efficacy (rated) (Nom)**: 132.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 80
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

#### Operating and Electrical
- **Input Frequency**: 50 to 60 Hz
- **Power (Rated) (Nom)**: 25 W
- **Lamp Current (Max)**: 210 mA
- **Lamp Current (Min)**: 95 mA
- **Starting Time (Nom)**: 0.45 s
- **Warm Up Time to 60% Light (Nom)**: 0.5 s
- **UL Type**: Type B - bypass the ballast
- **Power Factor (Nom)**: 0.9
- **Voltage (Nom)**: 120-277 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)**: 75 °C

#### Controls and Dimming
- **Dimmable**: No

#### Mechanical and Housing
- **Product Length**: 48 in
**Approval and Application**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
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<tbody>
<tr>
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<tr>
<td>Energy Saving Product</td>
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<td>Approval Marks</td>
<td>RoHS compliance, UL certificate, DLC compliance</td>
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<td>Energy Consumption kWh/1000 h</td>
<td>- kWh</td>
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**Product Data**

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**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)
Photometric data

LEDtube G5 25W

Lifetime

LEDtube G5 25W LifetimeVsTc

LEDtube G5 25W FailureRate

Lumen (%)

LEDtube G5 25W LumenVsTc
LEDtube G5 25W