Philips LED T5 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### Product data

#### General Information
- **Base**: G5 [G5]
- **EU RoHS compliant**: Yes
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X

#### Light Technical
- **Color Code**: 850 [CCT of 5000K]
- **Beam Angle (Nom)**: 140°
- **Initial lumen (Nom)**: 3500 lm
- **Color Designation**: Daylight
- **Correlated Color Temperature (Nom)**: 5000 K
- **Luminous Efficacy (rated) (Nom)**: 145.00 lm/W
- **Color Consistency**: <5
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70%

#### Operating and Electrical
- **Input Frequency**: 40000-80000 Hz
- **Power (Rated) (Nom)**: 24 W
- **Lamp Current (Max)**: 600 mA
- **Lamp Current (Min)**: 400 mA
- **Starting Time (Nom)**: 0.5 s
- **Warm Up Time to 60% Light (Nom)**: 0.5 s

### UL Type
- **Type A** - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver

<table>
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<tr>
<th>UL Type</th>
<th>Description</th>
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<tbody>
<tr>
<td>Power Factor (Nom)</td>
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<tr>
<td>Voltage (Nom)</td>
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### 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)**: 45 °C

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

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

### Approval and Application
- **Energy Efficiency Label (EEL)**: Not applicable
- **Energy Saving Product**: Yes
- **Approval Marks**: UL certificate RoHS compliance DLC compliance

<table>
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<th>Approval Marks</th>
<th>Description</th>
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<td>Energy Consumption kWh/1000 h</td>
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### Energy Certifications
DLC Standard

### Product Data

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### Dimensional drawing

TLED 120V 24-54W 3600lm 5000K G5

### Photometric data

LEDtube 1100mm 24W G5 850 3500lm

![Photometric data graph](image-url)

LEDtube 1100mm 24W G5 850 3500lm

![LEDtube 1100mm 24W G5 850 3500lm](image-url)