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 350K]
- **Beam Angle (Nom)**: 200 °
- **Initial lumen (Nom)**: 1000 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3500 K
- **Luminous Efficacy (rated) (Nom)**: 125.00 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)**: 8 W
- **Lamp Current (Max)**: 400 mA
- **Lamp Current (Min)**: 60 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)**: 40-60 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**: 600 mm
### Approval and Application

<table>
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<th>Energy Efficiency Label (EEL)</th>
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<tr>
<td>Energy Saving Product</td>
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<td>Approval Marks</td>
<td>UL certificate RoHS compliance</td>
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<td>Energy Consumption kWh/1000 h</td>
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### Product Data

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### Dimensional drawing

![Dimensional drawing](image)

TLED 600mm HFV8.5-14W 1050lm 3500K ND

### Photometric data

![Photometric data](image)

LEDtube 8W G5 835 200D DIM IF10

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**Order code**: 476424

**Numerator - Quantity Per Pack**: 1

**Numerator - Packs per outer box**: 10

**Material Nr. (12NC)**: 929001823204

**Net Weight (Piece)**: 0.080 kg

**Model Number**: 9290018232
Photometric data

Lifetime

LEDtube 8W G5 835 200D DIM IF10

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

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

Datasheet, 2020, June 18

data subject to change
Lifetime

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<th>Lumen (%)</th>
<th>92</th>
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<tr>
<td>Tc(°C)</td>
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<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>50</td>
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LEDtube 8-14W G5 830-850 200D DIM IF10-21

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