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**: 830 (CCT of 3000K)
- **Beam Angle (Nom)**: 200 °
- **Initial lumen (Nom)**: 1000 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 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**: 24 in

Datasheet, 2020, November 18 data subject to change
**T5**

**Approval and Application**

<table>
<thead>
<tr>
<th>Energy Efficiency Label (EEL)</th>
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<tr>
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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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<th>Order product name</th>
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<tr>
<td>EAN/UPC - Product</td>
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**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)

**Product**

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<th>D2 (mm)</th>
<th>A1 (mm)</th>
<th>A2 (mm)</th>
<th>A3 (mm)</th>
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**Order code**

| 476416 |

**Numerator - Quantity Per Pack**

| 1 |

**Numerator - Packs per outer box**

| 10 |

**Material Nr. (12NC)**

| 929001823104 |

**Net Weight (Piece)**

| 0.080 kg |

**Model Number**

| 9290018231 |

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Datasheet, 2020, November 18