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**: 850 [CCT of 5000K]
- **Beam Angle (Nom)**: 200 °
- **Initial lumen (Nom)**: 1050 lm
- **Color Designation**: Daylight
- **Correlated Color Temperature (Nom)**: 5000 K
- **Luminous Efficacy (rated) (Nom)**: 131.00 lm/W
- **Color Consistency**: <5
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

#### Operating and Electrical
- **Input Frequency**: 40000–110000 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

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**T5**

**Approval and Application**
- Energy Efficiency Label (EEL): Not applicable
- Energy Saving Product: Yes
- Approval Marks: UL certificate RoHS compliance
- Energy Consumption kWh/1000 h: - kWh

**Product Data**
- Order product name: 8T5HE/22-850/IF10/G/DIM 10/1
- EAN/UPC - Product: 046677476441

**Dimensional drawing**

**Photometric data**
- LEDtube 8W G5 850 200D DIM IF10
- LEDtube 8W G5 830 200D DIM IF10

**Order code**: 476440
- Numerator - Quantity Per Pack: 1
- Numerator - Packs per outer box: 10
- Material Nr. (12NC): 929001823404
- Net Weight (Piece): 0.080 kg
- Model Number: 9290018234
Photometric data

LEDtume 8W G5 850 200D DIM IF10

Lifetime

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

Life time (Hours)

B10L70
B50L70

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

Lumen in %

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

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data subject to change
**Lifetime**

![Graph showing the relationship between Lumen and Tc(°C).]

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

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