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**: 841 [ CCT of 4100K (841)]
- **Beam Angle (Nom)**: 200 °
- **Initial lumen (Nom)**: 3500 lm
- **Color Designation**: Cool White (CW)
- **Correlated Color Temperature (Nom)**: 4000 K
- **Luminous Efficacy (rated) (Nom)**: 140.00 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

Datasheet, 2020, October 22
Approval and Application

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

Product Data

- Order product name: 25T5HO/COR/46-840/MF35/G 25/1
- EAN/UPC - Product: 046677542061
- Order code: 542068
- Numerator - Quantity Per Pack: 1
- Numerator - Packs per outer box: 25
- Material Nr. (12NC): 929001992604
- Net Weight (Piece): 0.215 kg
- Model Number: 9290019926

Dimensional drawing

![Dimensional drawing](image)

Photometric data

![Photometric data](image)
Photometric data

![Photometric data graph]

**LEDtube G5 25W**

### Lifetime

![Lifetime graph]

**LEDtube G5 25W Lifetime Vs Tc**

**LEDtube G5 25W Failure Rate**

### Lumen (%)

![Lumen graph]

**LEDtube G5 25W Lumen Vs Tc**
T5

Lifetime

LEDtube G5 25W