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)**: 2100 lm
- **Color Designation**: Cool White (CW)
- **Correlated Color Temperature (Nom)**: 4000 K
- **Luminous Efficacy (rated) (Nom)**: 150.00 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)**: 14 W
- **Lamp Current (Max)**: 350 mA
- **Lamp Current (Min)**: 150 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)**: 70-105 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**: 1200 mm

Datasheet, 2020, June 18, data subject to change
T5

**Approval and Application**

| Energy Efficiency Label (EEL) | Not applicable |
| Energy Saving Product | Yes |
| Approbation Marks | UL certificate RoHS compliance DLC compliance |
| Energy Consumption kWh/1000 h | - kWh |
| Energy Certifications | DLC Standard |

**Product Data**

| EAN/UPC - Product | 046677476519 |
| Order code | 476515 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001824104 |
| Net Weight (Piece) | 0.146 kg |
| Model Number | 9290018241 |

**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)

**LEDtube 14W G5 840 200D DIM IF21**

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

LEDtube 14W G5 840 200D DIM IF21

Lifetime

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

Lumen in %

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

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