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 3500K)
- **Beam Angle (Nom):** 200 °
- **Initial lumen (Nom):** 1400 lm
- **Color Designation:** White (WH)
- **Correlated Color Temperature (Nom):** 3500 K
- **Luminous Efficacy (rated) (Nom):** 127.00 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):** 11 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):** 50-80 V
- **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:** 900 mm
T5

Approval and Application

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<th>Parameter</th>
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Product Data

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Order code 476465

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Dimensional drawing

![Dimensional drawing](image)

TLED 900mm HFV11.5-21W 1500lm 3500K ND

Photometric data

![Photometric data](image)

LEDtube 11W G5 835 200D DIM IF14

LEDtube 8W G5 830 200D DIM IF10

Datasheet, 2020, June 18
Photometric data

![Graph showing photometric data for LEDtube 11W G5 835 200D DIM IF14](image)

LEDtube 11W G5 835 200D DIM IF14

Lifetime

![Graph showing lifetime data for LEDtube 8-14W G5 830-850 200D DIM IF10-21](image)

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

![Graph showing lifetime data for LEDtube 8-14W G5 830-850 200D DIM IF10-21](image)

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

Datasheet, 2020, June 18

Data subject to change
Lifetime

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