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.

### 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**
- 600 mm

Data subject to change
**T5**

### Approval and Application

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### Product Data

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### Dimensional drawing

![Dimensional drawing](image)

**TLED 600mm HJV8.5-14W 1050lm 3000K ND**

### Photometric data

![Photometric data](image)

**LEDtube 8W G5 830 2000D DIM IF10**

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