Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact fluorescent lamps. The product provides a natural lighting effect for use in many lighting applications, and provides instant energy savings, making them an environmentally-friendly solution. Available as replacements for 13W, 26W and 32W compact fluorescent lamps.

Product data

**General Information**
- **Base**: G24Q [ G24q]
- **EU RoHS compliant**: Yes
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X

**Light Technical**
- **Color Code**: 830 [ CCT of 3000K]
- **Beam Angle (Nom)**: 150 °
- **Initial lumen (Nom)**: 550 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 K
- **Luminous Efficacy (rated) (Nom)**: 100.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

**Operating and Electrical**
- **Input Frequency**: 25000-100000 Hz
- **Power (Rated) (Nom)**: 5.5 W
- **Lamp Current (Max)**: 280 mA
- **Lamp Current (Min)**: 130 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)**: 14-60 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**: 100 mm

**Approval and Application**
- **Energy Efficiency Label (EEL)**: Not applicable
- **Energy Saving Product**: Yes

Datasheet, 2020, June 18
### Product Data

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### Photometric data

**LEDtube PLC 13V 5.5W G24Q 830 15D ND**

**LEDtube PLC 13V 5.5W G24Q 830 15D ND**

**LEDtube PLC 13V 5W GX23-2 827 15D ND**

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Data subject to change
PL-C/T

**Lifetime**

- **LEDtube PLC 13H 5W GX23-2 827 15D ND**
  - Time (hours): 0, 20000, 40000, 60000, 80000, 100000
  - Failure rate in %: 0, 20, 40, 60, 80, 100

- **LEDtube PLC 13H 5W GX23-2 827 15D ND**
  - Time (hours): 0, 80000, 100000
  - Failure rate in %: 0, 20, 40, 60, 80, 100

- **LEDtube PLC 13V 5.5W G24Q 827 15D ND**
  - Tc(°C): 70, 75, 80, 85, 90
  - Lumen (%): 92%, 94%, 96%, 98%, 100%

- **LEDtube PLC 13H 5W GX23-2 827 15D ND**
  - Burning hours: 30000, 50000, 60000
  - Lumen in %: 50, 60, 70, 80, 90, 100

Datasheet, 2020, June 18

data subject to change