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**: GX23-2 [GX23-2]
- **EU RoHS compliant**: Yes
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X

#### Light Technical
- **Color Code**: 841 [CCT of 4100K (841)]
- **Beam Angle (Nom)**: 150 °
- **Initial lumen (Nom)**: 580 lm
- **Color Designation**: Cool White (CW)
- **Correlated Color Temperature (Nom)**: 4000 K
- **Luminous Efficacy (rated) (Nom)**: 116.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

#### Operating and Electrical
- **Input Frequency**: 50 to 60 Hz
- **Power (Rated) (Nom)**: 5 W
- **Lamp Current (Max)**: 50 mA
- **Lamp Current (Min)**: 15 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)**: 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)**: 70 °C

#### Controls and Dimming
- **Dimmable**: No

#### Mechanical and Housing
- **Product Length**: 5.5 in

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

Datasheet, 2020, November 18  
Data subject to change
### Approbation Marks
UL certificate RoHS compliance

### Energy Consumption kWh/1000 h
- kWh

### Product Data

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#### Dimensional drawing

**PLED PLC-H 5–13W 580lm 4000K G24d**

#### Photometric data

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

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data subject to change
**Lifetime**

![Graphs showing lifetime of LEDtube PLC 13H 5W GX23-2 827 15D ND](image)

**Failure rate in %**

- 0
- 20
- 40
- 60
- 80
- 100

**Time (hours)**

- 0 20000
- 40000
- 60000
- 80000
- 100000

**Lumen in %**

- 50
- 60
- 70
- 80
- 90
- 100

**Burning hours**

- 0 10000 20000 30000 40000 50000 60000

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**Datasheet, 2020, November 18**