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**: 835 (CCT of 3500K)
- **Beam Angle (Nom)**: 150°
- **Initial lumen (Nom)**: 550 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3500 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
PL-C/T

Approbation Marks  RoHS compliance UL certificate
Energy Consumption kWh/1000 h  - kWh

Product Data
Order product name  5.5PL-C/LED/13V/835/IF5/P/4P 20/1
EAN/UPC - Product  046677532451
Order code  532457

Numerator - Quantity Per Pack  1
Numerator - Packs per outer box  20
Material Nr. (12NC)  929001885904
Net Weight (Piece)  0.058 kg
Model Number  9290018859

Dimensional drawing

![Dimensional drawing](image)

PLED PLC-V 5-13W 580lm 3500K G24q

Photometric data

![Photometric data](image)

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

LEDtube PLC 13V 5.5W G24Q 835 15D ND

Datasheet, 2020, June 18
**Lifetime**

[Graphs showing the failure rate in % over time (hours) for different LED tube models.

- **LEDtube PLC 13H 5W GX23-2 827 15D ND**
- **LEDtube PLC 13V 5.5W G24Q 827 15D ND**
- **LEDtube PLC 13H 5W GX23-2 827 15D ND**

**Lumen (%)**

- **LEDtube PLC 13V 5.5W G24Q 827 15D ND**

**Burning hours**

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

Datasheet, 2020, June 18

Data subject to change