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
- **Main Application**: Industrial
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X
- **Technical Type**: 8.5-26W

#### Light Technical
- **Color Code**: 830 [CCT of 3000K]
- **Beam Angle (Nom)**: 120°
- **Initial lumen (Nom)**: 900 lm
- **Luminous Flux (Rated) (Nom)**: 900 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 K
- **Luminous Efficacy (rated) (Nom)**: 105.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70%

#### Operating and Electrical
- **Input Frequency**: 20000-100000 Hz
- **Power (Rated) (Nom)**: 8.5 W
- **Lamp Current (Max)**: 550 mA
- **Lamp Current (Min)**: 150 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 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)**: 60 °C

#### Controls and Dimming
- **Dimmable**: Yes

#### Mechanical and Housing
- **Bulb Finish**: Frosted
- **Bulb Material**: Plastic
PL-C/T

Product Length 200 mm

Approval and Application
Energy Efficiency Label (EEL) Not applicable
Energy Saving Product Yes
Approbation Marks RoHS compliance, UL certificate, KEMA Keur certificate, DLC compliance
Energy Consumption kWh/1000 h – kWh
Energy Certifications DLC Standard

Product Data
Order product name 8.5PL-C/T LED/26H-3000 IF 4P 10/1

Dimensional drawing

EAN/UPC - Product 046677458379
Order code 458372
Numerator - Quantity Per Pack 1
Numerator - Packs per outer box 10
Material Nr. (12NC) 929001388104
Net Weight (Piece) 0.082 kg
Model Number 9290013881

Photometric data

LEDtube PLC 100mm 9W G24Q GX24Q 830 900lm
LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm
Photometric data

![Spectral Power distribution](SDPO_MLEDGA_0039-Spectral Power distribution)

Lifetime

![Failure rate in %](LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm)

![Lumen in %](LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm)

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Life time

![B10L70 and B50L70](LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm)

Datasheet, 2020, June 18 data subject to change
PL-C/T

Lifetime

![Graph showing the lifetime of LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm](image)

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm