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**
- 841 [ CCT of 4100K (841)]

**Beam Angle (Nom)**
- 120 °

**Initial lumen (Nom)**
- 950 lm

**Luminous Flux (Rated) (Nom)**
- 950 lm

**Color Designation**
- Cool White (CW)

**Correlated Color Temperature (Nom)**
- 4000 K

**Luminous Efficacy (rated) (Nom)**
- 111.00 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

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

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<thead>
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<td>Energy Certifications</td>
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**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)

**Product Data**

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**Product**

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<td>24.3 mm</td>
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<td>128.3 mm</td>
<td>147.5 mm</td>
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**KEWA Keur**

**LEDtube PLC 100mm 9W G24Q GX24Q 840 950lm**

**LEDtube PLC 100mm 9W G24Q GX24Q 840 950lm**

Data subject to change
Photometric data

[Diagram showing photometric data]

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Lifetime

[Graph showing failure rate in % over time (hours)]

[Graph showing lumen in % over burning hours]

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Life time

[Graph showing life time over temperature (°C)]

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Datasheet, 2020, November 18

data subject to change
PL-C/T

Lifetime

Lumen (%)

Tc(°C)

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm