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

<table>
<thead>
<tr>
<th>Base</th>
<th>G24Q [ G24q]</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU RoHS compliant</td>
<td>Yes</td>
</tr>
<tr>
<td>Main Application</td>
<td>Industrial</td>
</tr>
<tr>
<td>Nominal Lifetime (Nom)</td>
<td>50000 h</td>
</tr>
<tr>
<td>Switching Cycle</td>
<td>50000X</td>
</tr>
<tr>
<td>Technical Type</td>
<td>8.5-26W</td>
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</table>

#### Light Technical

<table>
<thead>
<tr>
<th>Color Code</th>
<th>841 (CCT of 4100K (841))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam Angle (Nom)</td>
<td>120 °</td>
</tr>
<tr>
<td>Initial lumen (Nom)</td>
<td>950 lm</td>
</tr>
<tr>
<td>Luminous Flux (Rated) (Nom)</td>
<td>950 lm</td>
</tr>
<tr>
<td>Color Designation</td>
<td>Cool White (CW)</td>
</tr>
<tr>
<td>Correlated Color Temperature (Nom)</td>
<td>4000 K</td>
</tr>
<tr>
<td>Luminous Efficacy (rated) (Nom)</td>
<td>111.00 lm/W</td>
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<tr>
<td>Color Consistency</td>
<td>&lt;6</td>
</tr>
<tr>
<td>Color Rendering Index (Nom)</td>
<td>82</td>
</tr>
<tr>
<td>LLMF At End Of Nominal Lifetime (Nom)</td>
<td>70 %</td>
</tr>
</tbody>
</table>

#### Operating and Electrical

| Input Frequency       | 200000-100000 Hz |

### Power (Rated) (Nom)

- **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, 2021, April 15**

Data subject to change
PL-C/T

Product Length  8 in

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/COR/26H-840/IF9/P/4P/DIM 10/1

Dimensional drawing

<table>
<thead>
<tr>
<th>Product</th>
<th>D1</th>
<th>D2</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
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</thead>
<tbody>
<tr>
<td>8.5PL-C/T/COR/</td>
<td>24.3 mm</td>
<td>28.4 mm</td>
<td>128.3 mm</td>
<td>147.5 mm</td>
<td>163.1 mm</td>
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Photometric data

LEDtube PLC 120V 8.5–26W 950lm 4000K GX24q

LEDtube PLC 100mm 9W G24Q GX24Q 840 950lm

Datasheet, 2021, April 15

data subject to change
Photometric data

![Photometric data chart](chart1.png)

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Lifetime

![Lifetime chart](chart2.png)

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Life time

![Life time chart](chart3.png)

LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

Datasheet, 2021, April 15

Data subject to change
LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm