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

<table>
<thead>
<tr>
<th>General Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Base</td>
<td>GX24q</td>
</tr>
<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>12-32W</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Light Technical</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Code</td>
<td>830 (CCT of 3000K)</td>
</tr>
<tr>
<td>Beam Angle (Nom)</td>
<td>120 °</td>
</tr>
<tr>
<td>Initial lumen (Nom)</td>
<td>1400 lm</td>
</tr>
<tr>
<td>Luminous Flux (Rated) (Nom)</td>
<td>1400 lm</td>
</tr>
<tr>
<td>Color Designation</td>
<td>White (WH)</td>
</tr>
<tr>
<td>Correlated Color Temperature (Nom)</td>
<td>3000 K</td>
</tr>
<tr>
<td>Luminous Efficacy (rated) (Nom)</td>
<td>116.00 lm/W</td>
</tr>
<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>

<table>
<thead>
<tr>
<th>Operating and Electrical</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Input Frequency</td>
<td>200000-100000 Hz</td>
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</table>

<table>
<thead>
<tr>
<th>Controls and Dimming</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Dimmable</td>
<td>Yes</td>
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<table>
<thead>
<tr>
<th>Mechanical and Housing</th>
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<tbody>
<tr>
<td>Bulb Finish</td>
<td>Frosted</td>
</tr>
<tr>
<td>Bulb Material</td>
<td>Plastic</td>
</tr>
</tbody>
</table>

Datasheet, 2020, November 18

Data subject to change
**PL-C/T**

**Product Length**
4 in

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

**Dimensional drawing**

```
D1  A3

A2

D2  A1
```

PLC/T 120V 12W 12-32W 1400lm 3000K G24/Gx24

**Photometric data**

```
Intensity (%)

200 300 400 500 600 700 800
```

**Product Data**

<table>
<thead>
<tr>
<th>Product</th>
<th>D1</th>
<th>D2</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
</tr>
</thead>
<tbody>
<tr>
<td>12PLC/T</td>
<td>24.3 mm</td>
<td>29 mm</td>
<td>99.9 mm</td>
<td>109.9 mm</td>
<td>125.5 mm</td>
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<td>LED/32V/830/IF/4P/DIM 1PK 10/1</td>
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<td></td>
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</tbody>
</table>

Datasheet, 2020, November 18

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data subject to change
PL-C/T

Photometric data

![Photometric data diagram]

LEDtube PLC/T 12W G24Q 827 32V DIM

Lifetime

![Lifetime graph]

LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM

Failure rate in %

![Failure rate graph]

LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM

Lumen in %

![Lumen graph]

LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM
LEDtube PLC/T 12W G24Q 827-840 32V DIM