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**: GX24q
- **EU RoHS compliant**: Yes
- **Main Application**: Industrial
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X
- **Technical Type**: 12-32W

### Light Technical
- **Color Code**: 827 (CCT of 2700K)
- **Beam Angle (Nom)**: 120 °
- **Initial lumen (Nom)**: 1350 lm
- **Luminous Flux (Rated) (Nom)**: 1350 lm
- **Color Designation**: Warm White (WW)
- **Correlated Color Temperature (Nom)**: 2700 K
- **Luminous Efficacy (rated) (Nom)**: 112.00 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)**: 12 W
- **Lamp Current (Max)**: 500 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)**: 25-55 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)**: 25 °C

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

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

<table>
<thead>
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<th>Product Length</th>
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**Approval and Application**

<table>
<thead>
<tr>
<th>Energy Efficiency Label (EEL)</th>
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<tbody>
<tr>
<td>Energy Saving Product</td>
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<td>Approval Marks</td>
<td>RoHS compliance, UL certificate, KEMA Keur, DLC compliance</td>
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<td>Energy Consumption kWh/1000 h</td>
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<td>Energy Certifications</td>
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**Product Data**

| Order product name | 12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1 |

**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)

**Order product name**

- 12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1
PL-C/T

Photometric data

LEDtube PLC/T 12W G24Q 827 32V DIM

Lifetime

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

Lumen in %

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

Datasheet, 2021, April 15

data subject to change
LEDtube PLC/T 12W G24Q 827-840 32V DIM