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.

### General Information
- **Base**: G24Q [G24q]
- **EU RoHS compliant**: Yes
- **Main Application**: Industrial
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X
- **Technical Type**: 12-32W

### Light Technical
- **Color Code**: 830 [CCT of 3000K]
- **Beam Angle (Nom)**: 120°
- **Initial lumen (Nom)**: 1350 lm
- **Luminous Flux (Rated) (Nom)**: 1350 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 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

**Product Length**  
200 mm

**Approval and Application**

<table>
<thead>
<tr>
<th>Energy Efficiency Label (EEL)</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Saving Product</td>
<td>Yes</td>
</tr>
<tr>
<td>Approbation Marks</td>
<td>RoHS compliance UL certificate KEMA Keur certificate DLC compliance</td>
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<tr>
<td>Energy Consumption kWh/1000 h</td>
<td>kWh</td>
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<tr>
<td>Energy Certifications</td>
<td>DLC Standard</td>
</tr>
</tbody>
</table>

**Product Data**

| Order product name | 12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1 |

**Dimensional drawing**

![Dimensional drawing](image)

PLED 120V 12-32W 1350lm 3000K G24/Gx24

**Photometric data**

![Photometric data](image)

LEDtube PLC 400mm 16-5W 2G11 830 2000lm

LEDtube PLC/T 12W G24Q 830 32H DIM

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Datasheet, 2020, June 18

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data subject to change
PL-C/T

Photometric data

Life time (Hours) 80 100 10000 20000 30000 50000
Tc(°C) 40 60 80 90 100
B10L70 B50L70

Failure rate in % 0 40 60 80 100
Time (hours) 0 20000 40000 60000 80000 100000

Lumen in % 50 60 70 80 90 100
Burning hours 0 20000 30000 40000 50000 60000

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

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

**Lifetime**

![Graph showing lifetime and Tc(°C) relationship for LEDtube PLC/T 12W G24Q 827-840 32H DIM]

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