PL-C/T

12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1

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: 830 [CCT of 3000K]
- Beam Angle (Nom): 120 °
- Initial lumen (Nom): 1400 lm
- Luminous Flux (Rated)(Nom): 1400 lm
- Color Designation: White (WH)
- Correlated Color Temperature (Nom): 3000 K
- Luminous Efficacy (rated) (Nom): 116.00 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

**Lighting**

<table>
<thead>
<tr>
<th>Power (Rated) (Nom)</th>
<th>12 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Current (Max)</td>
<td>500 mA</td>
</tr>
<tr>
<td>Lamp Current (Min)</td>
<td>150 mA</td>
</tr>
<tr>
<td>Starting Time (Nom)</td>
<td>0.5 s</td>
</tr>
<tr>
<td>Warm Up Time to 60% Light (Nom)</td>
<td>0.5 s</td>
</tr>
<tr>
<td>UL Type</td>
<td>Type A - works on ballast</td>
</tr>
<tr>
<td>Power Factor (Nom)</td>
<td>0.9</td>
</tr>
<tr>
<td>Voltage (Nom)</td>
<td>25-55 V</td>
</tr>
</tbody>
</table>

**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** 100 mm

**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 | 12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1 |

**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)
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
Lifetime

![Lifetime Graph]

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