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**: 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**: 835 [ CCT of 3500K]
- **Beam Angle (Nom)**: 120 °
- **Initial lumen (Nom)**: 1400 lm
- **Luminous Flux (Rated) (Nom)**: 1400 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3500 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

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

### Mechanical and Housing
- **Bulb Finish**: Frosted
- **Bulb Material**: Plastic

Datasheet, 2020, November 18

Data subject to change
PL-C/T

**Product Length**
8 in

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**Approval and Application**

- **Energy Efficiency Label (EEL)**: Not applicable
- **Energy Saving Product**: Yes
- **Approbation Marks**: RoHS compliance UL certificate KEMA Keur certificate
- **Energy Consumption kWh/1000 h**: kWh
- **Energy Certifications**: DLC Standard

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**Dimensional drawing**

![Dimensional drawing](image)

**Photometric data**

![Photometric data](image)

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**Product Data**

<table>
<thead>
<tr>
<th>Order product name</th>
<th>EAN/UPC - Product</th>
<th>Order code</th>
<th>Numerator - Quantity Per Pack</th>
<th>Numerator - Packs per outer box</th>
<th>Material Nr. (12NC)</th>
<th>Net Weight (Piece)</th>
<th>Model Number</th>
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</thead>
<tbody>
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<td>046677476083</td>
<td>476085</td>
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<td>10</td>
<td>929001819904</td>
<td>0.082 kg</td>
<td>9290018199</td>
</tr>
</tbody>
</table>

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**Order product name**: 12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1

**EAN/UPC - Product**: 046677476083

**Order code**: 476085

**Numerator - Quantity Per Pack**: 1

**Numerator - Packs per outer box**: 10

**Material Nr. (12NC)**: 929001819904

**Net Weight (Piece)**: 0.082 kg

**Model Number**: 9290018199

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**Product**

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<th>D2</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
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<tr>
<td>24.3 mm</td>
<td>28.4 mm</td>
<td>128.8 mm</td>
<td>148 mm</td>
<td>163.6 mm</td>
</tr>
</tbody>
</table>

**LED/32H/835/IF/4P/DIM 1PK 10/1**
PL-C/T

Photometric data

[Diagram showing photometric data with angles and intensity levels]

LEDtube PLC/T 12W G24Q 827 32H DIM

Lifetime

[Lifetime graph showing life time in hours against temperature (°C) for different failure rates]

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

[Lumen in % graphs showing lumen reduction over time (hours) for different failure rates]

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

Lifetime

[Graph showing the relationship between Lumen (%) and Tc(°C)]

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

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