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
- Nominal Lifetime (Nom): 50000 h
- Switching Cycle: 50000X

**Light Technical**
- Color Code: 841 [ CCT of 4100K (841)]
- Beam Angle (Nom): 150 °
- Initial lumen (Nom): 580 lm
- Color Designation: Cool White (CW)
- Correlated Color Temperature (Nom): 4000 K
- Luminous Efficacy (rated) (Nom): 105.00 lm/W
- Color Consistency: <6
- Color Rendering Index (Nom): 82
- LLMF At End Of Nominal Lifetime (Nom): 70 %

**Operating and Electrical**
- Input Frequency: 25000–100000 Hz
- Power (Rated) (Nom): 5.5 W
- Lamp Current (Max): 280 mA
- Lamp Current (Min): 130 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)**: 14–60 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): 75 °C

**Controls and Dimming**
- Dimmable: Yes

**Mechanical and Housing**
- Product Length: 140 mm

**Approval and Application**
- Energy Efficiency Label (EEL): Not applicable
- Energy Saving Product: Yes
**PL-C/T**

<table>
<thead>
<tr>
<th>Approval Marks</th>
<th>RoHS compliance UL certificate</th>
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<tr>
<td>Energy Consumption kWh/1000 h</td>
<td>kWh</td>
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### Product Data

<table>
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<tr>
<th>Order product name</th>
<th>5.5PL-C/LED/13H/840/IFS/P/4P 20/1</th>
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<td>046677532420</td>
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<tr>
<td>Order code</td>
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| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 20 |
| Material Nr. (12NC) | 929001885604 |
| Net Weight (Piece) | 0.064 kg |
| Model Number         | 9290018856 |

### Dimensional drawing

**Dimensional drawing**

- **A1**
- **A2**
- **A3**
- **D**
- **D1**

**PLED PLC-H 5-13W 580lm 4000K G24q**

### Photometric data

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<th>60</th>
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<tr>
<td>λ[nm]</td>
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<td>300</td>
<td>400</td>
<td>500</td>
<td>600</td>
<td>700</td>
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</tbody>
</table>

**LEDtube PLC 13H 5.5W G24Q 840 15D ND**

**LEDtube PLC 13H 5W GX23-2 827 15D ND**

Datasheet, 2020, June 18
**PL-C/T**

### Lifetime

![Graph showing lifetime performance with failure rates and burned hours.](image)

**LEDtube PLC 13H 5.5W G24Q 827 15D ND**

![Graph showing lumens and temperature versus burned hours.](image)

**LEDtube PLC 13H 5.5W G24Q 827 15D ND**

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Datasheet, 2020, June 18  
[Data subject to change](#)