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**: 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** 8 in

**Approval and Application**

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

**Dimensional drawing**

[Diagram of dimensions and model details]

**Photometric data**

[Graph showing light intensity and wavelength]

**Product Data**

| Order product name                  | 12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1 |
| EAN/UPC - Product                   | 046677476076                                |
| Order code                          | 476077                                      |
| Numerator - Quantity Per Pack       | 1                                           |
| Numerator - Packs per outer box     | 10                                          |
| Material Nr. (12NC)                 | 9290018198                                  |
| Net Weight (Piece)                  | 0.082 kg                                    |
| Model Number                        | 9290018198                                  |

**Product**

<table>
<thead>
<tr>
<th>D1</th>
<th>D2</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
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<td>24.3 mm</td>
<td>28.4 mm</td>
<td>128.8 mm</td>
<td>148 mm</td>
<td>163.6 mm</td>
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**LEDtube PLC/T 12W G24Q 830 32H DIM**

Datasheet, 2020, November 18
PL-C/T

Photometric data

LEDtube PLC/T 12W G24Q 827 32H DIM

Lifetime

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

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

Datasheet, 2020, November 18

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