Philips LED PL-S lamps make the transition to LED from CFL lamps as simple as replacing a lamp. The InstantFit (UL Type A) 2-pin PL-S LED lamps are available in a wide array of color temperatures. They quickly and effectively replace 13W 2-pin compact fluorescent PL-S lamps.

**Product data**

**General Information**
- **Base**: GX23 [ GX23]
- **EU RoHS compliant**: Yes
- **Nominal Lifetime (Nom)**: 50000 h
- **Switching Cycle**: 50000X

**Light Technical**
- **Color Code**: 830 [ CCT of 3000K]
- **Beam Angle (Nom)**: 120 °
- **Initial lumen (Nom)**: 540 lm
- **Color Designation**: White (WH)
- **Correlated Color Temperature (Nom)**: 3000 K
- **Luminous Efficacy (rated) (Nom)**: 108.00 lm/W
- **Color Consistency**: <6
- **Color Rendering Index (Nom)**: 82
- **LLMF At End Of Nominal Lifetime (Nom)**: 70 %

**Operating and Electrical**
- **Input Frequency**: 50 to 60 Hz
- **Power (Rated) (Nom)**: 5 W
- **Lamp Current (Max)**: 50 mA
- **Lamp Current (Min)**: 15 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)**: 120-277 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**: No

**Mechanical and Housing**
- **Product Length**: 6.7 in

**Approval and Application**
- **Energy Efficiency Label (EEL)**: Not applicable
- **Energy Saving Product**: Yes
- **Approval Marks**: UL certificate RoHS compliance
PL-S

Energy Consumption kWh/1000 h - kWh

Product Data
Order product name 5PL-S/LED/13H/830/IFS/P/2P 20/1
EAN/UPC - Product 046677529567
Order code 529560
Numerator - Quantity Per Pack 1
Numerator - Packs per outer box 20
Material Nr. (12NC) 929001862904
Net Weight (Piece) 0.043 kg
Model Number 9290018629

Dimensional drawing

<table>
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<th>Product</th>
<th>D</th>
<th>D1</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
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</thead>
<tbody>
<tr>
<td>5PL-S/LED/13H/830/IFS/P/2P 20/1</td>
<td>31.1 mm</td>
<td>15.8 mm</td>
<td>108 mm</td>
<td>144 mm</td>
<td>166 mm</td>
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</tbody>
</table>

Photometric data

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<th>LEDtube PLS SW GX23 830 2P 120 ND</th>
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<tr>
<td>LEDtube PLS SW GX23 827 2P 120 ND</td>
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</tbody>
</table>

Datasheet, 2020, November 18
**PL-S**

### Lifetime

**LEDtube PLS 5W GX23 827 2P 12D ND**

- **TC=75**
- **TC=85**

**LEDtube PLS 5W GX23 827 2P 12D ND**

- **B10L70**
- **B50L70**

Datasheet, 2020, November 18  
Data subject to change