Philips Linear Compact Fluorescent Lamps offer designers, specifiers and end-users new levels of efficiencies and versatility in sizes, configurations and application possibilities. With so many elegant fixtures available to complement their small size, high light output and advanced technology, Philips Energy Advantage lamps are fast becoming the preferred choice when maximum efficiency and sleek design solutions are required.

**Product data**

- **General Characteristics**
  - Base: GX23 [Two-Pin Compact Fluorescent; high preheat current; four retainers]
  - Life to 10% failures: 0 hr
  - Avg. Life: 10000 hr
  - LSF EM 2000h Rated, 3h cycle: 99%
  - LSF EM 4000h Rated, 3h cycle: 98%
  - LSF EM 6000h Rated, 3h cycle: 95%
  - LSF EM 8000h Rated, 3h cycle: 86%

- **Light Technical Characteristics**
  - Color Code: 835 [CCT of 3500K]
  - Color Rendering Index: 82 Ra8
  - Color Designation: White
  - Color Temperature: 3500 K
  - Luminous Flux EM 25°C, Nominal: 825 Lm
  - LLMF EM 2000h Rated: 94%
  - LLMF EM 4000h Rated: 91%
  - LLMF EM 6000h Rated: 89%
  - LLMF EM 8000h Rated: 86%
  - Design Temperature: 25°C
  - Chromaticity Coordinate X: 406 -
  - Chromaticity Coordinate Y: 396 -

- **Electrical Characteristics**
  - Energy Used: 13 W
  - Lamp Wattage EM 25°C, Nominal: 13 W
  - Lamp Voltage EM 25°C: 56 V
  - Lamp Current EM 25°C: 0.290 A
  - Dimmable: No

- **Environmental Characteristics**
  - Energy Efficiency Label (EEL): B
  - Mercury (Hg) Content: 1.4 mg

- **Product Dimensions**
  - Base Face to Base: 139.5 (max) mm
  - Face A: 155.2 (max) mm
  - Insertion Length B: 177.7 (max) mm
  - Overall Length C: 28 (max) mm
  - Diameter D: 13 (max) mm
  - Diameter D1: 13 (max) mm

- **Product Data**
  - Order code: 927902783521
  - Full product code: 927902783521
  - Full product name: PL-S ALTO 13W/835 GX23/2P 1CT
  - Order product name: PL-S 13W/835/2P/ALTO 10PK
  - Pieces per pack: 1
PL-S Short 2-Pin Base

Packing configuration 10
Packs per outerbox 10
Bar code on pack - EAN1 46677146849
Bar code on outerbox - EAN3 50046677146844
Logistic code(s) 927902783521
ILCOS code FSD-13/27/1B-I-GX23
Net weight per piece 35.000 gr

Dimensional drawing

PL-S ALTO 13W/835 GX23/2P 1CT

<table>
<thead>
<tr>
<th>Product</th>
<th>A (Max)</th>
<th>B (Max)</th>
<th>C (Max)</th>
<th>D (Max)</th>
<th>D1 (Max)</th>
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</tbody>
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Photometric data

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www.philips.com/lighting 2014, May 31 data subject to change