PHILIPS

Lighting

# PL-S Short 2-Pin Base

## PL-S 13W/830/2P/ALTO

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 Information | |
|---|---|
| **Cap-Base** | GX23 [ GX23] |
| **Life To 10% Failures (Nom)** | 0 h |
| **Life To 50% Failures (Nom)** | 10000 h |
| **LSF 2000 h Rated** | 99 % |
| **LSF 4000 h Rated** | 98 % |
| **LSF 6000 h Rated** | 95 % |
| **LSF 8000 h Rated** | 86 % |

| Light Technical | |
|---|---|
| **Color Code** | 830 [ CCT of 3000K] |
| **Initial lumen (Nom)** | 825 lm |
| **Color Designation** | Warm White (WW) |
| **Chromaticity Coordinate X (Nom)** | 435 |
| **Chromaticity Coordinate Y (Nom)** | 401 |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Color Rendering Index (Nom)** | 82 |
| **LLMF 2000 h Rated** | 94 % |
| **LLMF 4000 h Rated** | 91 % |
| **LLMF 6000 h Rated** | 89 % |
| **LLMF 8000 h Rated** | 86 % |

| Operating and Electrical | |
|---|---|
| **Power (Rated) (Nom)** | 13 W |
| **Lamp Current (Nom)** | 0.290 A |

| Temperature | |
|---|---|
| **Design Temperature (Nom)** | 28 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |

| Mechanical and Housing | |
|---|---|
| **Cap-Base Information** | 2P |

| Approval and Application | |
|---|---|
| **Energy Efficiency Label (EEL)** | B |
| **Mercury (Hg) Content (Nom)** | 1.4 mg |

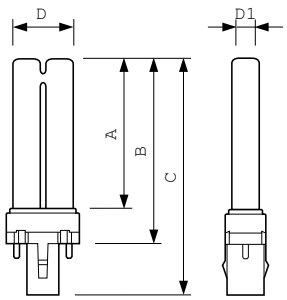
| Product Data | |
|---|---|
| **Order product name** | PL-S 13W/830/2P/ALTO |

# PL-S Short 2-Pin Base

| | |
|---|---|
| **EAN/UPC - Product** | 046677146832 |
| **Order code** | 146837 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 10 |
| **Material Nr. (12NC)** | 927902783021 |

| | |
|---|---|
| **Net Weight (Piece)** | 35.000 g |
| **ILCOS Code** | FSD-13/30/1B-I-GX23 |

## Dimensional drawing




| Product | D | D1 | A | B | C |
|---|---|---|---|---|---|
| PL-S 13W/830/2P/ALTO | 28 mm | 13 mm | 139.5 mm | 155.2 mm | 177.7 mm |

**PL-S ALTO 13W/830/2P**