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**: 170 mm

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

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Datasheet, 2020, June 18  
data subject to change
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

D1
A2
A1
D

A3

PLED PLS 120-277V 5-13W 580lm 3000K GX23

Photometric data

LEDtube PLS SW GX23 830 2P 12D ND
LEDtube PLS SW GX23 827 2P 12D ND
LEDtube PLS SW GX23 830 2P 12D ND

Datasheet, 2020, June 18 data subject to change