PHILIPS

Lighting

# LED InstantFit Lamps

## 5PL-S/LED/13H/835/IF5/P/2P 20/1

Philips LED InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### Product data

| General Information | |
|---|---|
| Cap-Base | GX23 [ GX23] |
| Nominal Lifetime (Nom) | 50000 h |
| Switching Cycle | 50000X |
| B50L70 | 50000 h |

| Light Technical | |
|---|---|
| Color Code | 835 [ CCT of 3500K] |
| Beam Angle (Nom) | 120 ° |
| Luminous Flux (Nom) | 560 lm |
| Luminous Flux (Rated) (Nom) | 560 lm |
| Rated Beam Angle | 120 ° |
| Correlated Color Temperature (Nom) | 3500 K |
| 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 |
| 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 | |
|---|---|
| Height | 15.8 mm |

| Approval and Application | |
|---|---|
| Energy Saving Product | Yes |
| Approval Marks | UL certificate RoHS compliance |

| Product Data | |
|---|---|
| Order product name | 5PL-S/LED/13H/835/IF5/P/2P 20/1 |
| EAN/UPC - Product | 046677529574 |
| Order code | 929001863004 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 20 |

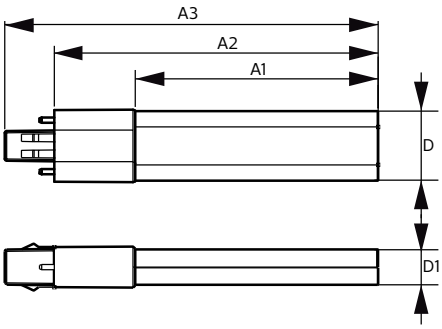
# LED InstantFit Lamps

| | |
|---|---|
| **Material Nr. (12NC)** | 929001863004 |
| **Net Weight (Piece)** | 0.043 kg |

## Warnings and Safety

- Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please referto the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

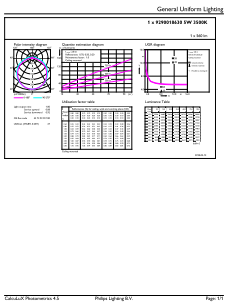
## Dimensional drawing

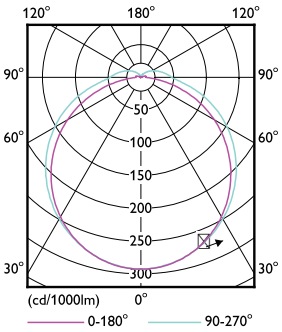



| Product | D | D1 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| 5PL-S/LED/13H/835/IF5/P/2P 20/1 | 31.1 mm | 15.8 mm | 108 mm | 144 mm | 166 mm |

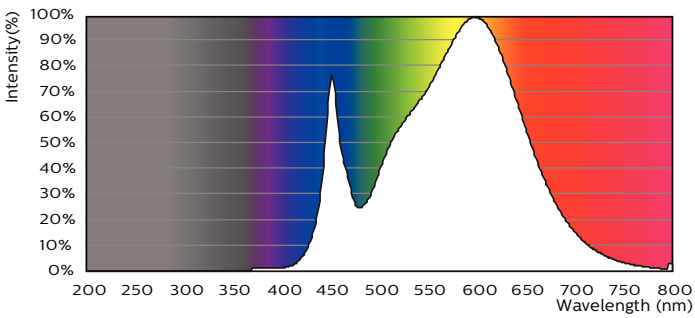
**PLED PLS 120-277V 5-13W 580lm 3500K GX23**

## Photometric data



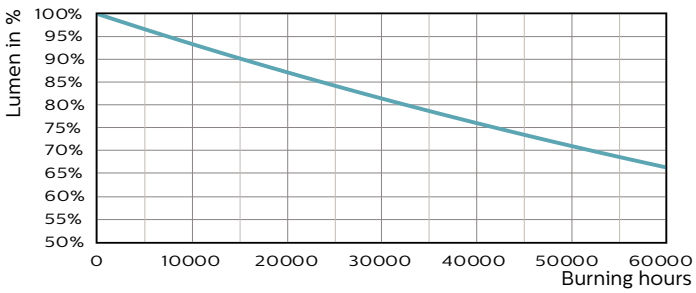


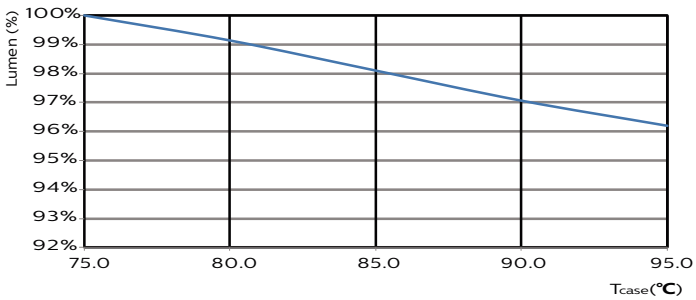

**LEDtube PLS 5W GX23 827 2P 12D ND**



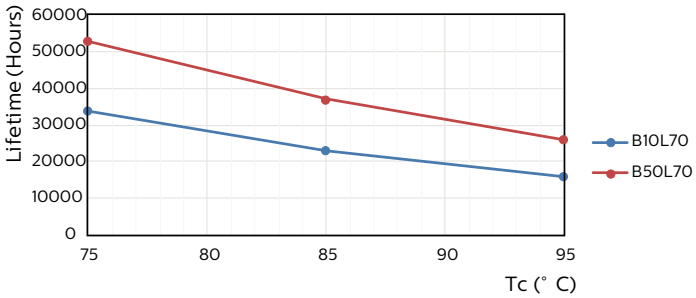

**LEDtube PLS 5W GX23 835 2P 12D ND**

## Lifetime




LEDtube PLS 5W GX23 827 2P 12D ND

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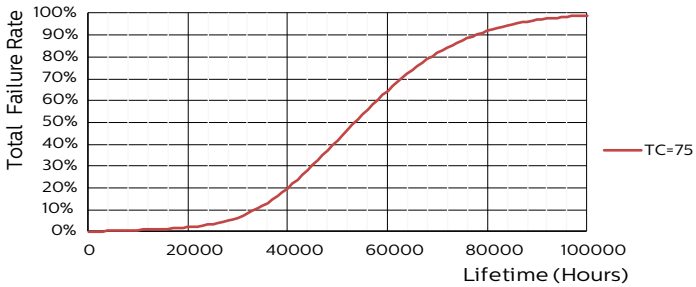


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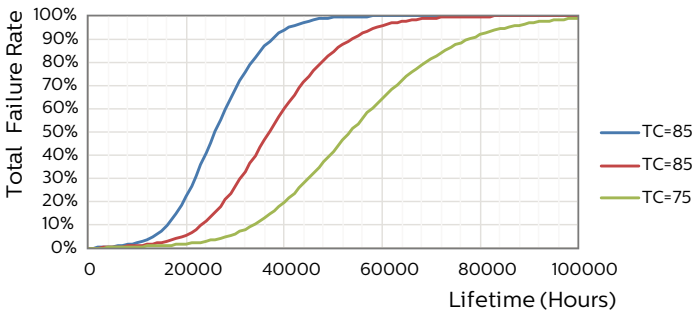


LEDtube PLS 5W GX23 827 2P 12D ND

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