



# LED InstantFit Lamps

## 5PL-S/LED/13H/827/IF5/P/2P 20/1

Philips LED T8 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                            | 827 [ CCT of 2700K] |
| Beam Angle (Nom)                      | 120 °               |
| Initial lumen (Nom)                   | 520 lm              |
| Luminous Flux (Rated) (Nom)           | 520 lm              |
| Rated Beam Angle                      | 120 °               |
| Correlated Color Temperature (Nom)    | 2700 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                             |
| Approbation Marks               | UL certificate RoHS compliance  |
| Product Data                    |                                 |
| Order product name              | 5PL-S/LED/13H/827/IF5/P/2P 20/1 |
| EAN/UPC - Product               | 046677529512                    |
| Order code                      | 529511                          |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 20                              |

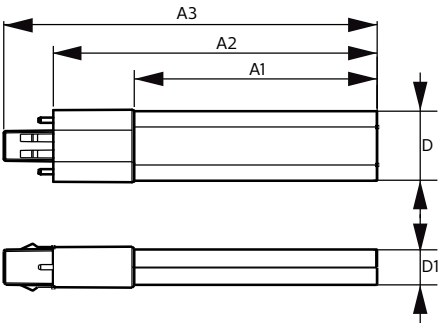
LED InstantFit Lamps

|                     |              |
|---------------------|--------------|
| Material Nr. (12NC) | 929001862804 |
| Net Weight (Piece)  | 0.043 kg     |
| Model Number        | 9290018628   |

Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at [www.philips.com/instantfit](http://www.philips.com/instantfit).

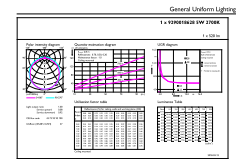
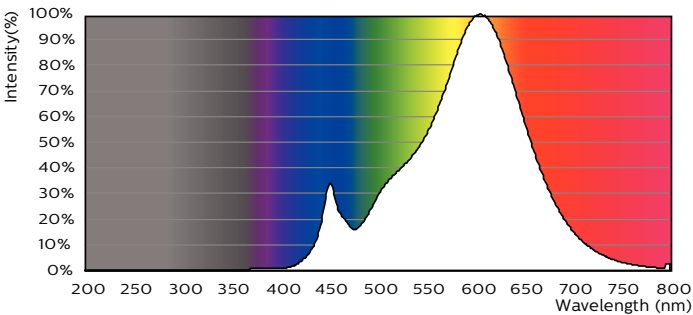
Dimensional drawing



PLED PLS 120-277V 5-13W 580lm 2700K GX23

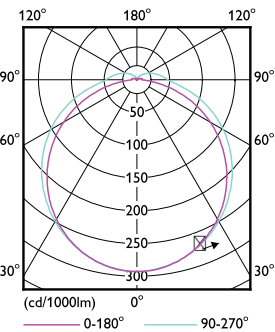
| Product                         | D       | D1      | A1     | A2     | A3     |
|---------------------------------|---------|---------|--------|--------|--------|
| 5PL-S/LED/13H/827/IF5/P/2P 20/1 | 31.1 mm | 15.8 mm | 108 mm | 144 mm | 166 mm |

Photometric data



LEDtube PLS 5W GX23 827 2P 12D ND

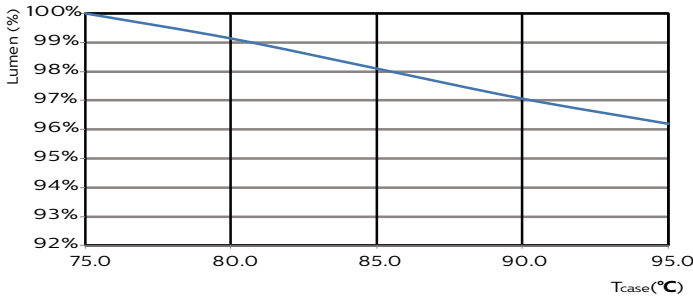
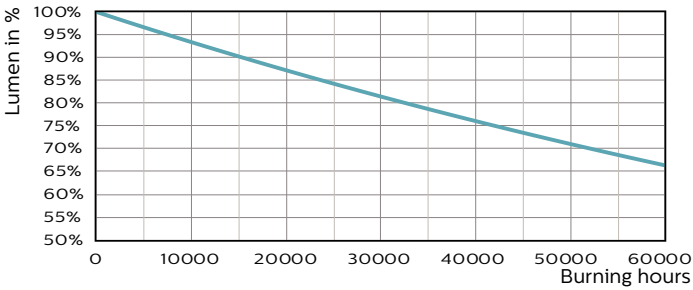
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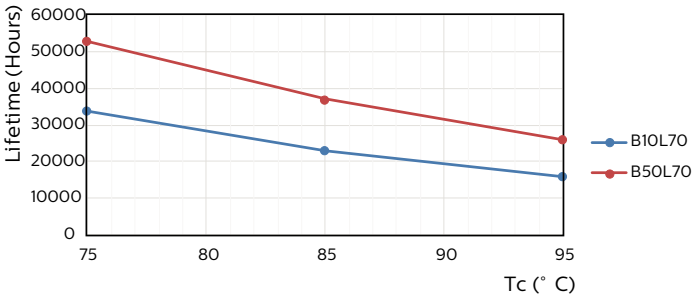
LEDtube PLS 5W GX23 827 2P 12D ND

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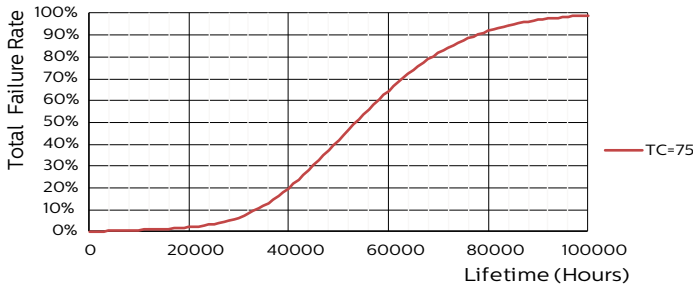
Lifetime



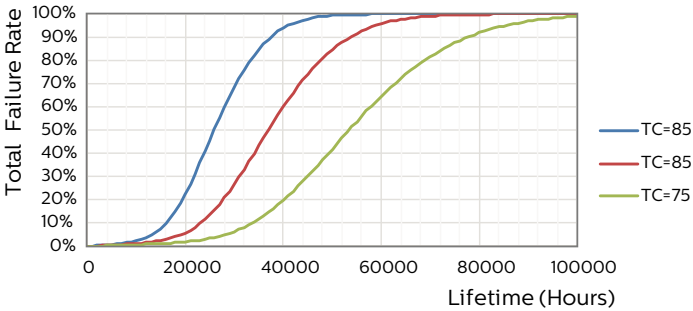
LEDtube PLS 5W GX23 827 2P 12D ND



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