



PL-C/T

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

Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact flourescent lamps. The product provides a natural lighting effect for use in many lighting applications, and provides instant energy savings, making them an environmentally-friendly solution. Available as replacements for 13W, 26W and 32W compact fluorescent lamps.

Product data

| General Information | | | | |
|---------------------------------------|--------------------|--|--|--|
| Cap-Base | GX23-2 [GX23-2] | | | |
| Nominal lifetime | 50,000 hour(s) | | | |
| Switching Cycle | 50,000 | | | |
| Lighting Technology | LED | | | |
| EU RoHS compliant | Yes | | | |
| | | | | |
| Light Technical | | | | |
| Color Code | 827 [CCT of 2700K] | | | |
| Beam Angle (Nom) | 150 degree(s) | | | |
| Luminous Flux | 520 lm | | | |
| Color Designation | Warm White (WW) | | | |
| Correlated Color Temperature (Nom) | 2700 K | | | |
| Luminous Efficacy (rated) (Nom) | 104.00 lm/W | | | |
| Color Consistency | <6 | | | |
| Color rendering index (CRI) | 82 | | | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | | | |
| | | | | |
| Operating and Electrical | | | | |
| Line Frequency | 50 to 60 Hz | | | |
| Input Frequency | 50 to 60 Hz | | | |
| Power Consumption | 5 W | | | |
| | | | | |

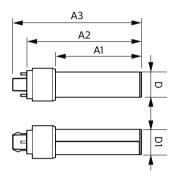
| Lamp Current (Max) | 50 mA | | | |
|---------------------------|---------------------------|--|--|--|
| Lamp Current (Min) | 15 mA | | | |
| Starting Time (Nom) | 0.5 s | | | |
| Warm-up time to 60% light | 0.5 s | | | |
| Power Factor (Fraction) | 0.9 | | | |
| Voltage (Nom) | 120-277 V | | | |
| UL Type | Type A - works on ballast | | | |
| | | | | |
| Temperature | | | | |
| Ambient temperature range | -4 °F to 113 °F | | | |
| T-Case Maximum (Nom) | 158 °F | | | |
| | | | | |
| Controls and Dimming | | | | |
| Dimmable | No | | | |
| | | | | |
| Mechanical and Housing | | | | |
| Bulb Material | Plastic | | | |
| Product Length | 5-9/16 inch | | | |
| Bulb Shape | Tube, single-ended | | | |
| | | | | |
| Approval and Application | | | | |
| Energy Saving Product | Yes | | | |
| - | | | | |

Datasheet, 2023, November 12 data subject to change

| Approval Marks | UL certificate RoHS compliance | | |
|-------------------------------|---------------------------------|--|--|
| Energy Consumption kWh/1000 h | - kWh | | |
| | | | |
| Product Data | | | |
| Order product name | 5PL-C/LED/13H/827/IF5/P/2P 20/1 | | |
| Full product name | 5PL-C/LED/13H/827/IF5/P/2P 20/1 | | |
| Order code | 532309 | | |

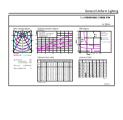
| Material Nr. (12NC) | 929001884504 |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677532307 |
| Numerator - Packs per outer box | 20 |
| EAN/UPC - Case | 50046677532302 |
| | |

Dimensional drawing

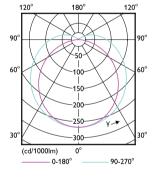


| Product | D | D1 | A1 | A2 | А3 |
|------------------------|-------------|-------------|------------|--------------|-------------|
| 5PL- | 1-1/16 inch | 1-1/16 inch | 3-5/8 inch | 4-13/16 inch | 5-7/16 inch |
| C/LED/13H/827/IF5/P/2P | | | | | |
| 20/1 | | | | | |

Photometric data

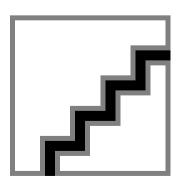






General uniform lighting - 5PL-C/LED/13H/827/IF5/P/2P 20/1

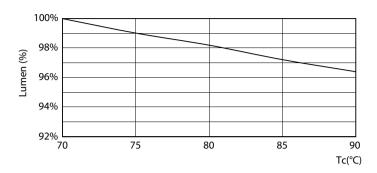
Light Distribution Diagram - 5PL-C/LED/13H/827/IF5/P/2P 20/1

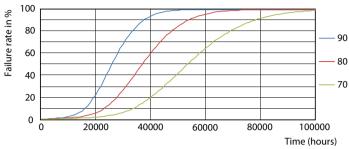


Spectral Power Distribution Colour - 5PL-C/LED/13H/827/IF5/P/2P 20/1

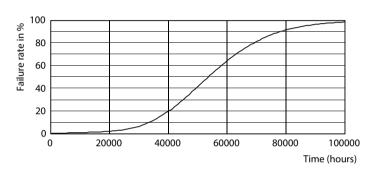
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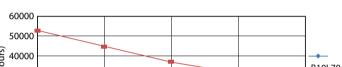
Lifetime

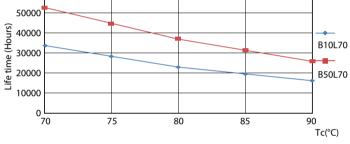




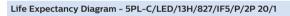
Lumen Maintenance Diagram - 5PL-C/LED/13H/827/IF5/P/2P 20/1



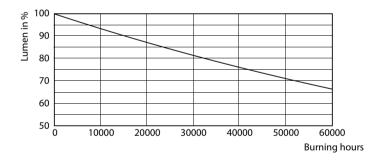




Life Expectancy Diagram - 5PL-C/LED/13H/827/IF5/P/2P 20/1



Life Expectancy Diagram - 5PL-C/LED/13H/827/IF5/P/2P 20/1



Lumen Maintenance Diagram - 5PL-C/LED/13H/827/IF5/P/2P 20/1

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