



PL-C/T

5.5PL-C/LED/13V/830/IF5/P/4P 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 | G24Q [G24q] | | | |
| Nominal lifetime | 50,000 hour(s) | | | |
| Switching Cycle | 50,000 | | | |
| Lighting Technology | LED | | | |
| EU RoHS compliant | Yes | | | |
| | | | | |
| Light Technical | | | | |
| Color Code | 830 [CCT of 3000K] | | | |
| Beam Angle (Nom) | 150 degree(s) | | | |
| Luminous Flux | 550 lm | | | |
| Color Designation | White (WH) | | | |
| Correlated Color Temperature (Nom) | 3000 K | | | |
| Luminous Efficacy (rated) (Nom) | 100.00 lm/W | | | |
| Color Consistency | <6 | | | |
| Color rendering index (CRI) | 82 | | | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | | | |
| | | | | |
| Operating and Electrical | | | | |
| Line Frequency | 25000-100000 Hz | | | |
| Input Frequency | 25000-100000 Hz | | | |
| Power Consumption | 5.5 W | | | |

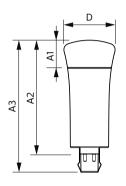
| Lamp Current (Max) | 280 mA | | | | |
|---------------------------|---------------------------|--|--|--|--|
| Lamp Current (Min) | 130 mA | | | | |
| Starting Time (Nom) | 0.5 s | | | | |
| Warm-up time to 60% light | 0.5 s | | | | |
| Power Factor (Fraction) | 0.9 | | | | |
| Voltage (Nom) | 14-60 V | | | | |
| UL Type | Type A - works on ballast | | | | |
| | | | | | |
| Temperature | | | | | |
| Ambient temperature range | -20 °C to 45 °C | | | | |
| T-Case Maximum (Nom) | 70 °C | | | | |
| | | | | | |
| Controls and Dimming | | | | | |
| Dimmable | Yes | | | | |
| | | | | | |
| Mechanical and Housing | | | | | |
| Bulb Material | Plastic | | | | |
| Product Length | 100 mm | | | | |
| Bulb Shape | PL-C | | | | |
| | | | | | |
| Approval and Application | | | | | |
| Energy Saving Product | Yes | | | | |
| | | | | | |

Datasheet, 2023, May 15 data subject to change

| Approval Marks | RoHS compliance UL certificate | | | | |
|-------------------------------|-----------------------------------|--|--|--|--|
| Energy Consumption kWh/1000 h | - kWh | | | | |
| | | | | | |
| Product Data | | | | | |
| Order product name | 5.5PL-C/LED/13V/830/IF5/P/4P 20/1 | | | | |
| Full product name | 5.5PL-C/LED/13V/830/IF5/P/4P 20/1 | | | | |
| Order code | 532440 | | | | |

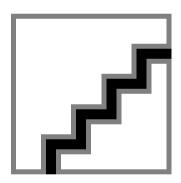
| Material Nr. (12NC) | 929001885804 |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677532444 |
| Numerator - Packs per outer box | 20 |
| EAN/UPC - Case | 50046677532449 |
| | |

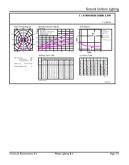
Dimensional drawing



| Product | D | A1 | A2 | A3 |
|-----------------------------------|---------|---------|----------|----------|
| 5.5PL-C/LED/13V/830/IF5/P/4P 20/1 | 45.7 mm | 24.6 mm | 101.6 mm | 117.6 mm |

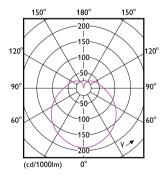
Photometric data





Spectral Power Distribution Colour - 5.5PL-C/LED/13V/830/IF5/P/4P 20/1

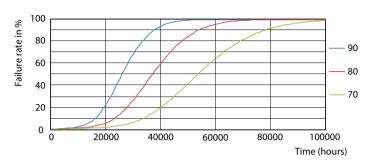
General uniform lighting - 5.5PL-C/LED/13V/830/IF5/P/4P 20/1

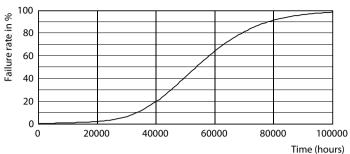


Light Distribution Diagram - 5.5PL-C/LED/13V/830/IF5/P/4P 20/1

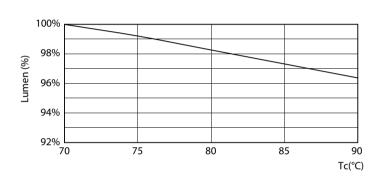
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Lifetime

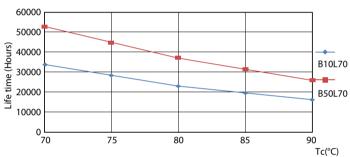




Life Expectancy Diagram - 5.5PL-C/LED/13V/830/IF5/P/4P 20/1

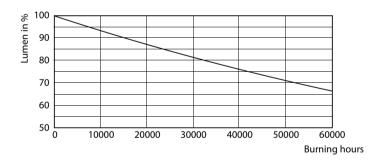


Life Expectancy Diagram - 5.5PL-C/LED/13V/830/IF5/P/4P 20/1



Lumen Maintenance Diagram - 5.5PL-C/LED/13V/830/IF5/P/4P 20/1





Lumen Maintenance Diagram - 5.5PL-C/LED/13V/830/IF5/P/4P 20/1

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