



Classic filament LEDbulbs

LED classic 100W E27 WW G120 FRNDRFSRT4

Featuring a classic heritage design, Classic filament LED bulbs combine the familiar shapes of classic incandescent bulbs with the benefits of the long-lasting LED technology. They deliver beautiful, decorative warm-white light while saving around 90% on energy costs compared with traditional light bulbs.

Product data

| General Information | |
|----------------------------|-----------|
| Cap base | E27 [E27] |
| Nominal lifetime | 15,000 h |
| Switching Cycle | 20,000 |
| Rated Lifetime (Hours) | 15,000 h |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |
| EU RoHS compliant | Yes |

| Light Technical | |
|--|--------------------|
| Colour Code | 827 [CCT of 2700K] |
| Luminous Flux | 1,521 lm |
| Colour designation | Warm White (WW) |
| Correlated Colour Temperature | 2700 K |
| Luminous efficacy (rated) (nom.) | 144.00 lm/W |
| Colour consistency | <6 |
| Colour rendering index (CRI) | 80 |
| LLMF at end of nominal lifetime (nom.) | 70 % |
| Flickering value (PstLM) | 1 |

| Stroboscopic effect | 0.4 |
|---------------------------|-------------|
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input frequency | 50 to 60 Hz |
| Power Consumption | 10.5 W |
| Lamp current (nom.) | 90 mA |
| Wattage equivalent | 100 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.52 |
| Voltage (nom.) | 220-240 V |

| Temperature | |
|-----------------------|-------|
| T-Case maximum (nom.) | 50 °C |

| Controls and Dimming | |
|----------------------|----|
| Dimmable | No |

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Mechanical and Housing

| | |
|-------------|-----------------|
| Lamp Finish | Frosted |
| Bulb shape | G120 [G 120 mm] |

Approval and Application

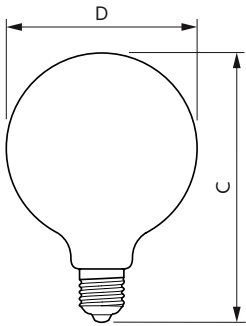
| | |
|------------------------------------|--------|
| Energy Efficiency Class | D |
| Energy consumption kWh/1,000 hours | 11 kWh |
| EPREL registration number | 400296 |
| EyeComfort | Yes |

Product Data

| | |
|--------------------|---|
| Order product name | LED classic 100W E27 WW G120 FRNDRFSRT4 |
|--------------------|---|

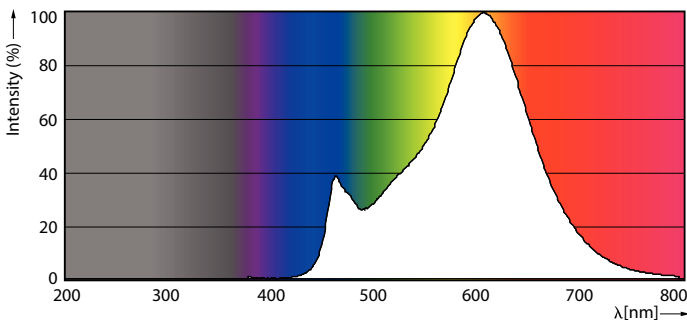
| | |
|-----------------------------------|---|
| Full product name | LED classic 100W E27 WW G120 FRNDRFSRT4 |
| Full EOC | 871869966514200 |
| Order code | 66514200 |
| Material no. (12 NC) | 929002067801 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699665142 |
| Numerator – packs per outer box | 4 |
| EAN/UPC – Case | 8718699665159 |

Dimensional drawing

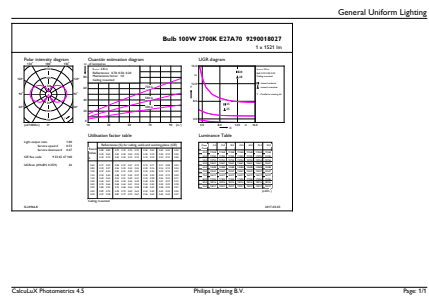


| Product | D | C |
|---|--------|--------|
| LED classic 100W E27 WW G120 FRNDRFSRT4 | 125 mm | 177 mm |

Photometric data



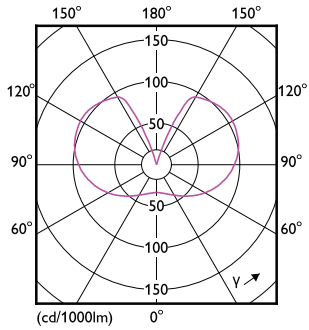
Spectral Power Distribution Colour - LED classic 100W E27 WW G120 FRNDRFSRT4



General uniform lighting – LED classic 100W E27 WW G120 FRNDRFSRT4

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Photometric data



Light Distribution Diagram - LED classic 100W E27 WW G120 FRNDRFSRT4

Lifetime



Life Expectancy Diagram - LED classic 100W E27 WW G120 FRNDRFSRT4



Lumen Maintenance Diagram - LED classic 100W E27 WW G120 FRNDRFSRT4

