



# Classic filament LEDbulbs

# LED cla 120W G120 E27 WW FR ND RFSRT4

Featuring a classic heritage design, Classic filament LEDbulbs 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 hour(s)     |
| Switching Cycle                       | 20,000             |
| Rated Lifetime (Hours)                | 15,000 hour(s)     |
| Lighting Technology                   | LED                |
| Flux measurement reference            | Sphere             |
|                                       |                    |
| Light Technical                       |                    |
| Color Code                            | 827 [CCT of 2700K] |
| Color Code                            | 827 [CCT of 2700K] |
| Luminous Flux                         | 2,000 lumen        |
| Color Designation                     | Warm White (WW)    |
| Correlated Color Temperature (Nom)    | 2700 K             |
| Luminous Efficacy (rated) (Nom)       | 153.00 lm/W        |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 80                 |
| 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         | 13 W        |
| Lamp Current (Nom)        | 120 mA      |
| Wattage Equivalent        | 120 W       |
| Starting Time (Nom)       | 0.5 s       |
| Warm-up time to 60% light | 0.5 s       |
| Power Factor (Fraction)   | 0.51        |
| Voltage (Nom)             | 220-240 V   |
|                           |             |
| Temperature               |             |
| T-Case Maximum (Nom)      | 55 °C       |
|                           |             |
| Controls and Dimming      |             |
| Dimmable                  | No          |
|                           |             |
| Mechanical and Housing    |             |
| Bulb Finish               | Frosted     |
|                           |             |

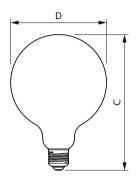
Datasheet, 2023, May 22 data subject to change

# **Classic filament LEDbulbs**

| Bulb Shape                    | G120 [G 120mm]  |
|-------------------------------|-----------------|
|                               |                 |
| Approval and Application      |                 |
| Energy Consumption kWh/1000 h | 13 kWh          |
| EPREL Registration Number     | 374,860         |
| EU RoHS compliant             | Yes             |
|                               |                 |
| Product Data                  |                 |
| Full product code             | 871869976481400 |
|                               |                 |

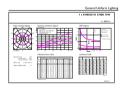
| Order product name              | LED cla 120W G120 E27 WW FR ND RFSRT4 |  |
|---------------------------------|---------------------------------------|--|
| Order code                      | 929002372101                          |  |
| Numerator - Quantity Per Pack   | 1                                     |  |
| Numerator - Packs per outer box | 4                                     |  |
| Material number (12NC)          | 929002372101                          |  |
| Full product name               | LED cla 120W G120 E27 WW FR ND RFSRT4 |  |
| EAN/UPC - Case                  | 8718699764821                         |  |
|                                 |                                       |  |

# Dimensional drawing

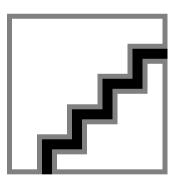


| Product                               | D      | С      |
|---------------------------------------|--------|--------|
| LED cla 120W G120 E27 WW FR ND RFSRT4 | 124 mm | 177 mm |

# Photometric data



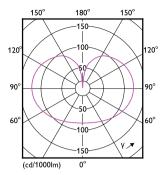
Calculus Photometrics 4.5 Philips Lighting 6.9. Page: UT



Spectral Power Distribution Colour - LED cla 120W G120 E27 WW FR ND RFSRT4

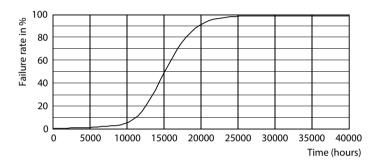
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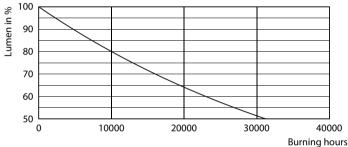
#### Photometric data



Light Distribution Diagram - LED cla 120W G120 E27 WW FR ND RFSRT4

### Lifetime





Life Expectancy Diagram - LED cla 120W G120 E27 WW FR ND RFSRT4

Lumen Maintenance Diagram - LED cla 120W G120 E27 WW FR ND RFSRT4



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