



# Classic filament LEDbulbs

## LED classic 11W G93 E27 smoky ND RF 1PF

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                |
| Nominal lifetime                             | 15,000 hour(s)     |
| Switching Cycle                              | 20,000             |
| Rated Lifetime (Hours)                       | 15,000 hour(s)     |
| Lighting Technology                          | LED                |
| Light Technical                              |                    |
| Color Code                                   | 818 [CCT of 1800K] |
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| Luminous Flux                                | 100 lm             |
| Color Designation                            | 1800               |
| Correlated Color Temperature (Nom)           | 1800 K             |
| Luminous Efficacy (rated) (Nom)              | 50 lm/W            |
| Color Consistency                            | <6                 |
| Color rendering index (CRI)                  | 80                 |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %               |
| Photobiological safety according to EN 62471 | RG1                |

| Operating and Electrical  |             |
|---------------------------|-------------|
| Line Frequency            | 50 to 60 Hz |
| Input Frequency           | 50 to 60 Hz |
| Power Consumption         | 2 W         |
| Lamp Current (Nom)        | 20 mA       |
| Wattage Equivalent        | 11 W        |
| Starting Time (Nom)       | 0.5 s       |
| Warm-up time to 60% light | 0.5 s       |
| Power Factor (Fraction)   | 0.54        |
| Voltage (Nom)             | 220-240 V   |

| Temperature          |       |
|----------------------|-------|
| T-Case Maximum (Nom) | 40 °C |

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

| Mechanical and Housing |       |
|------------------------|-------|
| Bulb Finish            | smoky |
| Bulb Material          | Glass |

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|                    |          |
|--------------------|----------|
| Bulb Shape         | G93      |
| Net Weight (Piece) | 0.060 kg |

### Approval and Application

|   |               |
|---|---------------|
| Energy Consumption kWh/1000 h                                   | 2 kWh         |
| EU RoHS compliant   | Yes           |
| EyeComfort  | Yes           |
| LED Innovations   | EyeComfort    |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1             |
| Stroboscopic effect visibility measure (SVM)                    | 0.4           |
| Ambient temperature range                                       | -20 to +40 °C |

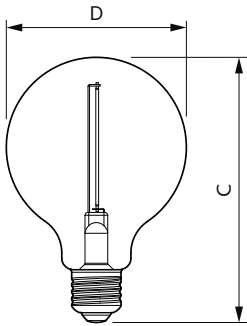
### Application Conditions

|                                     |    |
|-------------------------------------|----|
| can it be used in closed luminaires | No |
|-------------------------------------|----|

### Product Data

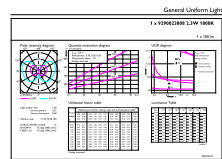
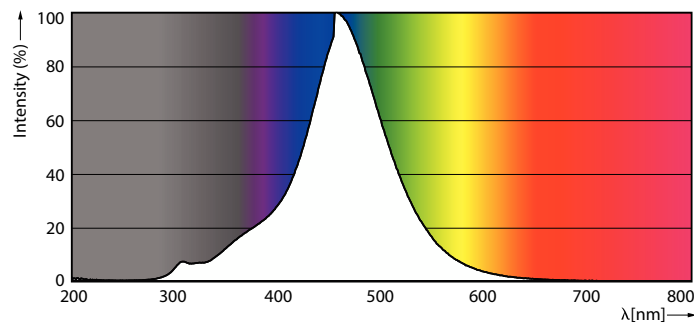
|                                 |   |
|---------------------------------|---|
| Order product name              | LED classic 11W G93 E27 smoky ND RF 1PF |
| Full product name               | LED classic 11W G93 E27 smoky ND RF 1PF |
| Full product code               | 871869975969800                         |
| Order code                      | 929002380801                            |
| Material Nr. (12NC)             | 929002380801                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 8718699759698                           |
| Numerator - Packs per outer box | 4                                       |
| EAN/UPC - Case                  | 8718699759704                           |

### Dimensional drawing



| Product                                 | D     | C      |
|---|-------|--------|
| LED classic 11W G93 E27 smoky ND RF 1PF | 95 mm | 142 mm |

### Photometric data

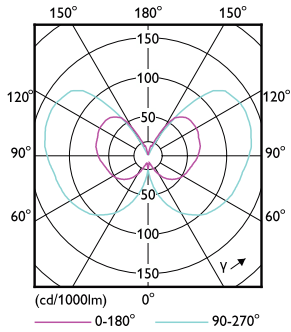


Spectral Power Distribution Colour - LED classic 11W G93 E27 smoky ND RF 1PF

General uniform lighting - LED classic 11W G93 E27 smoky ND RF 1PF

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## Photometric data

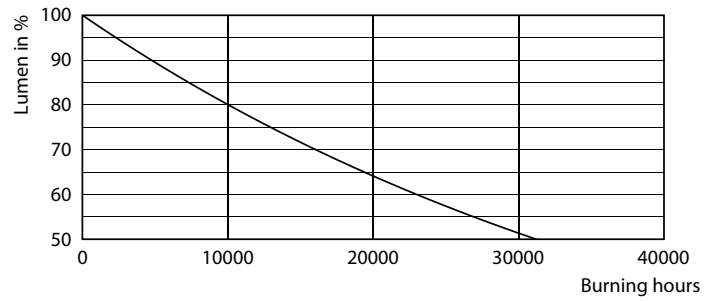


Light Distribution Diagram - LED classic 11W G93 E27 smoky ND RF 1PF

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LED classic 11W G93 E27 smoky ND RF 1PF

