

PHILIPS

Filament Bulb Frosted
100W G120 E27

LED

4000K

1521 lm

15000 h



8718699665166



A light bulb like no other

Familiar shapes that you know and love. They provide you with the classic look of incandescent lamps, while using around 80% less energy. The wide beam angle enables a perfect, all-around distribution of the light.

High-quality light

- Designed for the comfort of your eyes

Choose a simple replacement for your old lamps

- Similar shape and size to standard halogen bulb

Create the right light for your home

- Perfect for general room lighting

Light beyond illumination

- Vintage style, modern LED technology

Highlights

Designed for the comfort of your eyes



It's easy to see how harsh lighting can strain the eyes. Too bright, and you get glare. Too soft and you experience flicker. Now you can gently light up your world with LEDs designed to go easy on the eyes, and create the perfect ambience for your home.

Similar shape and size to standard halogen lamp



With its beautifully shaped design and familiar dimensions, this is a modern lighting energy-saving, standard, LED bulb. The perfect sustainable replacement for traditional standard halogen bulbs.

Vintage-style, modern LED

LED Classic bulbs are based on standard LED energy-saving technology. Now you can enjoy a retro-style bulb with state-of-the-art technology combined with vintage design.

Perfect for general lighting



Modern lighting with Philips LED standard bulbs for all-around illumination, perfect for general room lighting.

Specifications

Bulb characteristics

- Intended use: Indoor
- Lamp shape: Non directional globe
- Socket: E27
- Lamp Finish: Frosted
- Dimmable: No
- Bulb material: Glass

Durability

- Number of switch cycles: 20,000
- Ambient temperature range: -20 to +45 °C
- Nominal lifetime: 15,000

Environmental

- Disposal of the product: At the end of (economic) life, dispose of the product in accordance with local rules. Do not dispose of the product with regular household waste. The correct disposal of your product will help to prevent potential negative consequences for the environment and human health.

Extra feature/accessory incl.

- LED integrated: Yes

Guarantee

- Warranty period: 2 years

Light characteristics

- Colour rendering index (CRI): 80
- Colour temperature: 4000 K
- Nominal luminous flux: 1521 lm
- Warm-up time to 60% light: 0.5
- Correlated Colour Temperature (Nom): 4000
- Luminous Flux: 1,521 lm
- Stroboscopic effect: 0.4
- Luminous efficacy (rated) (nom.): 144.00

Miscellaneous

- EyeComfort: Yes
- LED innovations: EyeComfort

Other characteristics

- EU RoHS compliant: Yes

Packaging information

- EAN: 8718699665166
- EOC: 871869966516600
- Product title: LED classic 100W E27
CW G120 FR ND 1PF/6

Power

- Power Factor (Fraction): 0.52

Power consumption

- Power factor: 0.52
- Voltage: 220–240 V
- Wattage equivalent: 100
- Energy efficiency label (EEL): D
- Power: 10.5
- Energy consumption kWh/1,000 hours: 11

Product dimensions and weight

- Overall height: 177 mm
- Overall length: 177 mm
- Overall width: 125 mm

Rated values

- Rated lifetime: 15,000

Service

- Warranty: 2 year(s)

Technical specifications

- Frequency: 50–60
- Diameter: 125 mm
- Bulb technology: LED
- EPREL Registration Number: 400297
- Flux measurement reference: Sphere
- Dimmable: No
- Flickering value (PstLM): 1
- Line Frequency: 50 to 60
- Cap base: E27

The bulb

- Software upgradable: No

What's supported

- Compatible with Effects feature: No
- Defined support period: Not applicable
- Compatible operating systems: Not applicable
- Communication protocol: Not applicable

Packaging dimensions and weight

- EAN/UPC – product: 8718699665166
- Net weight: 0.1 kg
- Gross weight: 0.2 kg
- Height: 22.6 cm
- Length: 12.8 cm
- Width: 12.8 cm



Issue date: 2026-08-05
Version: 0.672

© 2026 Signify Holding. All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com