

## Philips 22316

# Philips 22316 Incandescent Light Bulb User Manual

Model: 22316

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## 1. INTRODUCTION

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This manual provides instructions for the safe and efficient use of your Philips 22316 Incandescent Light Bulb. This bulb is designed for specific applications requiring infrared heat and illumination. Please read this manual thoroughly before installation and use, and retain it for future reference.



Image 1.1: Philips 22316 Incandescent Light Bulb. This image shows the BR40 shaped incandescent bulb, highlighting its reflective surface and standard E27 base.

## 2. IMPORTANT SAFETY INFORMATION

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Always follow basic safety precautions when using electrical products to reduce the risk of fire, electric shock, and personal injury.

- **Power Off:** Always disconnect power before installing or replacing the bulb.
- **Correct Voltage:** Ensure the fixture's voltage matches the bulb's voltage (230-250V).
- **Correct Base:** Use only in fixtures designed for an E27 base.
- **Heat:** Incandescent bulbs generate significant heat. Do not touch the bulb when it is operating or immediately after turning it off. Allow it to cool completely.
- **Fixture Compatibility:** Use only in appropriate fixtures that can safely handle the bulb's wattage (250W) and heat output.
- **Indoor Use Only:** This bulb is rated for indoor use. Do not expose to moisture or outdoor elements.
- **Flammable Materials:** Keep away from flammable materials.
- **Disposal:** Dispose of used bulbs according to local regulations.

## 3. SETUP AND INSTALLATION

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1. **Verify Power:** Ensure the power supply to the light fixture is turned off at the circuit breaker or wall switch.

- 2. Unpack Bulb:** Carefully remove the Philips 22316 bulb from its packaging. Avoid touching the glass with bare hands, as oils can reduce bulb life.
- 3. Inspect Fixture:** Check the light fixture for any damage or wear. Ensure it is clean and dry.
- 4. Screw In Bulb:** Gently screw the bulb into the E27 socket of the fixture. Turn clockwise until it is snug, but do not overtighten. Overtightening can damage the bulb or the fixture.
- 5. Restore Power:** Once the bulb is securely installed, restore power to the fixture.

## 4. OPERATING INSTRUCTIONS

The Philips 22316 Incandescent Light Bulb operates like a standard incandescent bulb. It is designed for applications requiring both light and infrared heat.

- Turning On/Off:** Use the wall switch or the fixture's integrated switch to turn the bulb on or off.
- Heat Output:** This 250W bulb produces significant heat. Ensure adequate ventilation around the fixture to prevent overheating.
- Dimming:** While some incandescent bulbs are dimmable, this specific model's dimming compatibility is not explicitly stated. Using a dimmer not rated for incandescent loads or the bulb's wattage may cause damage or malfunction.

## 5. MAINTENANCE

Minimal maintenance is required for this incandescent light bulb.

- Cleaning:** Before cleaning, ensure the power is off and the bulb is completely cool. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- Replacement:** When the bulb reaches the end of its life, ensure power is off and the bulb is cool before carefully unscrewing it from the fixture. Replace with a new Philips 22316 or an equivalent bulb with matching specifications (250W, 230-250V, E27 base).

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not screwed in properly. Bulb is burnt out. Faulty fixture or switch.	Check circuit breaker and wall switch. Ensure bulb is securely tightened. Replace the bulb. Consult a qualified electrician.
Bulb flickers.	Loose connection. Incompatible dimmer switch. Voltage fluctuations.	Tighten the bulb. Ensure dimmer is compatible with incandescent bulbs and wattage. Consult an electrician for voltage issues.
Bulb burns out quickly.	Over-voltage. Excessive vibration. Poor ventilation/overheating.	Verify fixture voltage matches bulb. Ensure fixture is stable. Improve airflow around the bulb.

## 7. PRODUCT SPECIFICATIONS

<b>Brand</b>	Philips
<b>Model Number</b>	22316
<b>Light Type</b>	Incandescent
<b>Wattage</b>	250 watts
<b>Bulb Shape Size</b>	BR40 (Equivalent to BR125 Europe)
<b>Bulb Base</b>	E27
<b>Voltage</b>	230-250 Volts
<b>Light Color</b>	Warm White (Infrared)
<b>Brightness</b>	250 lumens
<b>Connectivity Technology</b>	Infrared
<b>Indoor/Outdoor Usage</b>	Indoor
<b>Material Type</b>	Copper
<b>Item Weight</b>	160 Grams

## 8. WARRANTY INFORMATION

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Philips products are manufactured to high quality standards. For specific warranty details regarding your Philips 22316 Incandescent Light Bulb, please refer to the warranty card included with your purchase or visit the official Philips website. Keep your proof of purchase for warranty claims.

## 9. CUSTOMER SUPPORT

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If you have any questions or require assistance with your Philips 22316 Incandescent Light Bulb, please contact Philips customer support. Contact information can typically be found on the product packaging or the official Philips website.