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Lacnooe HXF-GY6.35-HB-50W-12P

Lacnooe GY6.35 Halogen Bulb 50W Instruction Manual

Model: HXF-GY6.35-HB-50W-12P

1. Product Overview

The Lacnooe GY6.35 Halogen Bulb is a 50W, 12V bi-pin capsule light bulb designed for various lighting applications. It provides 2500 lumens of warm white light at 2700K with a 360-degree beam angle and is fully dimmable. This bulb is suitable for both indoor and outdoor use in compatible low-voltage fixtures.

- **Wattage:** 50W
- **Brightness:** 2500 Lumens
- **Color Temperature:** 2700K Warm White
- **Voltage:** AC/DC 12V (Low Voltage)
- **Base Type:** GY6.35 Bi-Pin (6.35mm pin distance)
- **Dimmable:** Yes
- **Beam Angle:** 360° Omni-Directional
- **Material:** Glass
- **Color Rendering Index (CRI):** 100

2. Safety Information

Please read and understand all safety instructions before installing or operating the bulb.

- **Voltage Compatibility:** This GY6.35 halogen bulb is designed for AC/DC 12V (low voltage) systems ONLY. **DO NOT use with 120V (high voltage) fixtures**, as this will cause the bulb to burn out immediately and may pose a safety risk.
- **Heat:** Halogen bulbs generate significant heat during operation. Avoid touching the bulb directly when it is on or immediately after it has been turned off. Allow sufficient cooling time.
- **Handling:** When installing or replacing bulbs, always use a clean cloth or gloves. Oils from your skin can create hot spots on the bulb's surface, leading to premature failure.
- **Fixture Compatibility:** Ensure your light fixture is rated for the bulb's wattage (50W) and base type (GY6.35).
- **Disposal:** Dispose of used bulbs according to local regulations.



Image: Critical warning regarding the 12V low voltage requirement for the GY6.35 bulb. Using it with 120V will cause damage.

3. Setup and Installation

Follow these steps to safely install your Lacnooe GY6.35 Halogen Bulb:

1. **Power Off:** Before attempting any installation or replacement, ensure the power to the light fixture is completely turned off at the circuit breaker or wall switch.
2. **Allow Cooling:** If replacing an existing bulb, allow the old bulb to cool down completely before touching it.
3. **Identify Base Type:** Verify that your fixture requires a GY6.35 bi-pin base bulb. The pins are 6.35mm (0.25 inches) apart.
4. **Handle with Care:** Using a clean cloth or gloves, carefully remove the new bulb from its packaging. Avoid touching the glass envelope with bare hands.
5. **Insert Bulb:** Align the two pins of the GY6.35 bulb with the holes in the fixture's socket. Gently push the bulb straight into the socket until it is seated firmly. Do not force the bulb.
6. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.
7. **Test:** Turn on the light switch to confirm the bulb is working correctly.

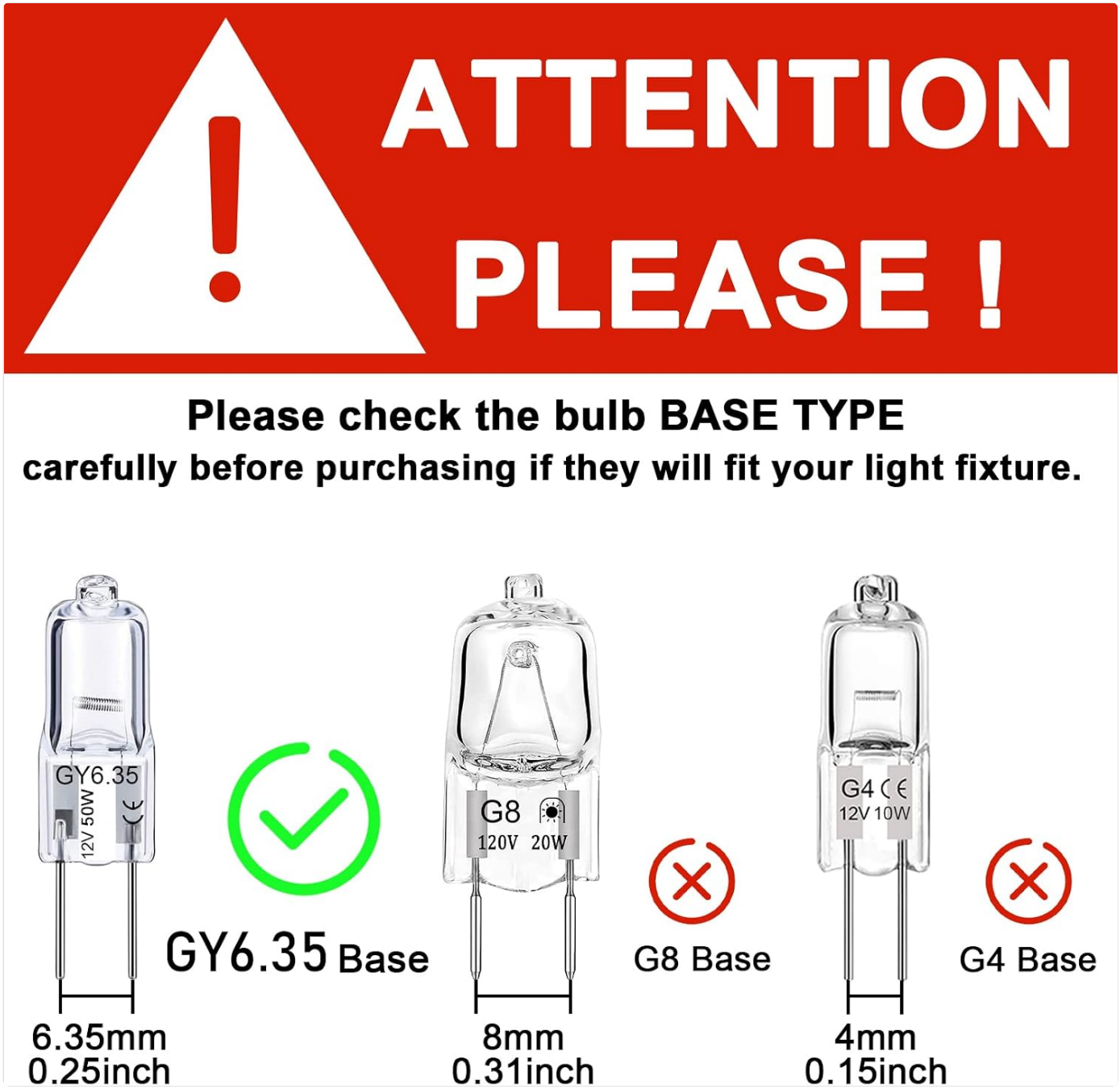


Image: Visual guide to confirm the correct GY6.35 bi-pin base type and its dimensions (6.35mm pin distance).



Image: Detailed dimensions and specifications of the GY6.35 bulb, including its physical size and electrical characteristics.

4. Operating Instructions

The Lacnooe GY6.35 Halogen Bulb operates like a standard halogen bulb but requires a 12V power supply.

- **Turning On/Off:** Use the light fixture's switch to turn the bulb on or off.
- **Dimmability:** This bulb is fully dimmable. If connected to a compatible dimmer switch designed for incandescent or halogen bulbs, you can adjust the brightness from 10% to 100%.
- **Light Output:** The bulb provides a warm white light at 2700K, offering a comfortable and inviting ambiance. With a CRI of 100, colors appear true and vibrant.

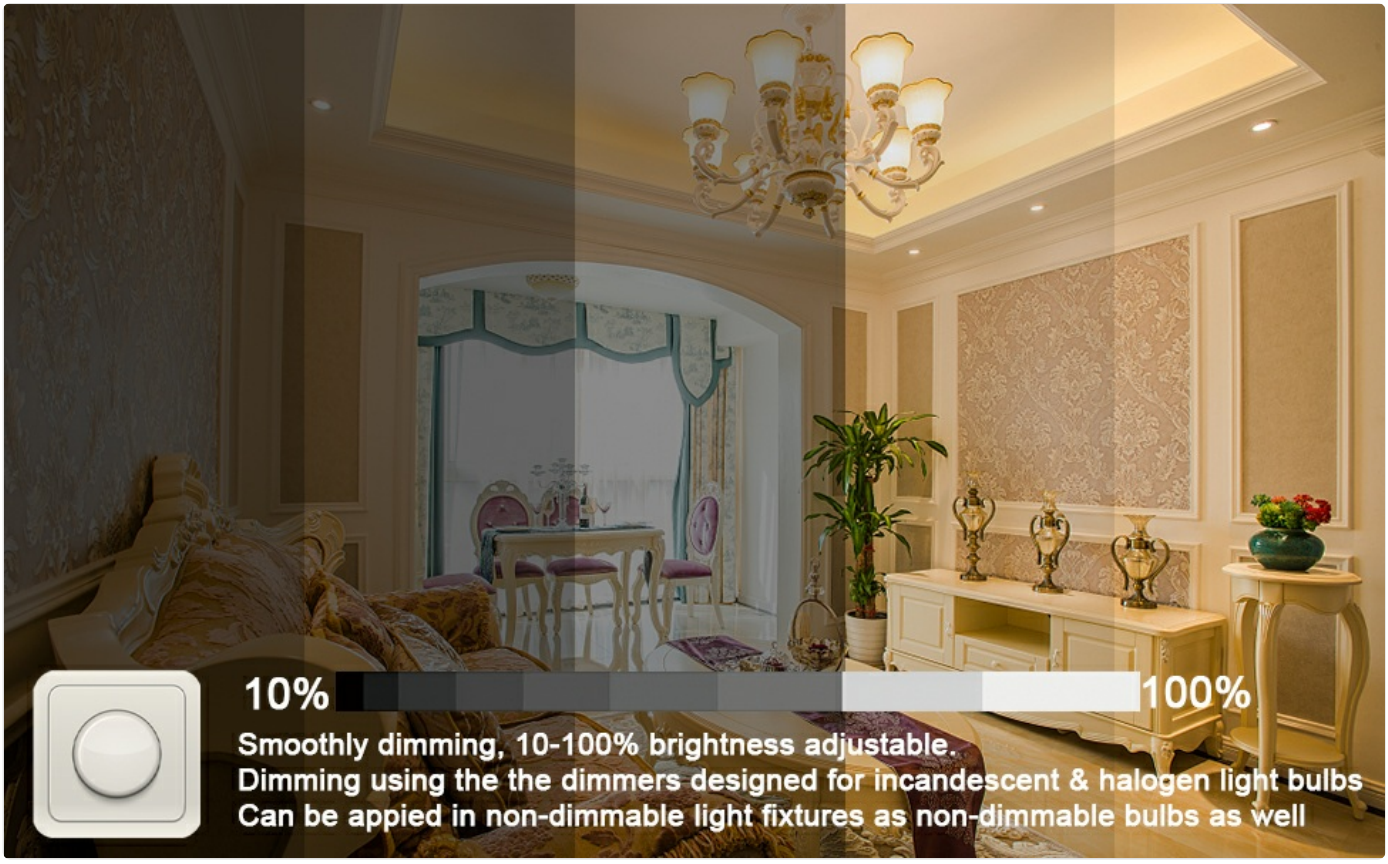


Image: Example of GY6.35 bulbs used in kitchen under-cabinet and pendant lighting.

5. Maintenance

Halogen bulbs generally require minimal maintenance. Follow these guidelines to ensure optimal performance and lifespan:

- **Cleaning:** If the bulb becomes dusty, ensure the power is off and the bulb is cool. Gently wipe the glass with a clean, dry, lint-free cloth. Avoid using liquids or abrasive cleaners.
- **Handling:** Always use gloves or a cloth when handling the bulb to prevent skin oils from transferring to the glass, which can cause premature failure.
- **Replacement:** When a bulb reaches the end of its life, follow the installation steps in Section 3 for safe replacement.

6. Troubleshooting

Problem	Possible Cause	Solution
Bulb does not light up.	• No power to the fixture. • Bulb not properly seated. • Incorrect voltage (e.g., 120V instead of 12V). • Bulb is faulty or has reached end of life.	• Check power supply and switch. • Ensure bulb is fully inserted into the socket. • Verify fixture voltage is 12V. • Replace with a new bulb.

Problem	Possible Cause	Solution
Bulb burns out quickly.	• Incorrect voltage (e.g., 120V instead of 12V). • Oil/residue on the bulb glass from handling. • Excessive vibration or heat in the fixture. • Faulty dimmer switch.	• Verify fixture voltage is 12V. • Always handle with a clean cloth or gloves. • Ensure proper ventilation and secure mounting. • Test with a non-dimmable switch or replace dimmer.
Light flickers.	• Loose connection. • Incompatible or faulty dimmer switch. • Voltage fluctuations.	• Re-seat the bulb firmly. • Ensure dimmer is compatible with halogen bulbs; try a different dimmer or non-dimmable switch. • Consult an electrician if voltage issues are suspected.

7. Specifications

Feature	Detail
Brand	Lacnooe
Model Name	GY6.35 Halogen Bulb
Part Number	HXF-GY6.35-HB-50W-12P
Light Type	Halogen
Wattage	50 Watts
Voltage	12 Volts (AC/DC)
Brightness	2500 Lumens
Color Temperature	2700 Kelvin (Warm White)
Bulb Base	GY6.35 Bi-Pin
Bulb Shape Size	T3
Beam Angle	360 Degrees
Color Rendering Index (CRI)	100
Dimmable	Yes
Material	Glass
Product Dimensions	0.39"W x 1.54"H (10mm x 39mm)
Indoor/Outdoor Usage	Indoor, Outdoor
Included Components	12 Pcs GY6.35 Halogen Light Bulbs

8. Warranty and Support

Lacnooe is committed to providing high-quality products and customer satisfaction.

- **After-Sales Support:** If you encounter any issues with your GY6.35 50W bulbs, please contact Lacnooe customer support. Our professional team is available to assist you and resolve any problems within 24 hours.
- **Contact Information:** Refer to the product packaging or the retailer's website for specific contact details.

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