

- Manuals.plus /
- > Grote /
 - > Grote 90373 Amber Beacon Replacement Lens Instruction Manual

Grote 90373

Grote 90373 Amber Beacon Replacement Lens Instruction Manual

Model: 90373

1. INTRODUCTION

This manual provides essential information for the proper installation and maintenance of your Grote 90373 Amber Beacon Replacement Lens. Please read these instructions thoroughly before proceeding with installation to ensure correct application and optimal performance. This lens is designed as a direct replacement for compatible Grote beacon light units, specifically for model 2FDL7.

2. PRODUCT OVERVIEW

The Grote 90373 is an amber-colored replacement lens manufactured from durable polycarbonate material. It is designed to restore the light output and protective integrity of compatible beacon lights. The lens ensures visibility and compliance with signaling requirements when installed correctly.



Image 1: Grote 90373 Amber Beacon Replacement Lens. This image displays the translucent amber polycarbonate lens, cylindrical in shape with a domed top, ready for installation on a compatible beacon light.

3. SAFETY INFORMATION

- **Disconnect Power:** Always ensure the power supply to the beacon light is disconnected before attempting any installation or maintenance.
- **Handle with Care:** Polycarbonate, while durable, can be scratched. Handle the lens carefully to avoid damage.
- **Proper Disposal:** Dispose of old lenses and packaging materials according to local regulations.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

4. INSTALLATION INSTRUCTIONS

Follow these steps to replace the lens on your compatible Grote beacon light:

- 1. Preparation:** Ensure the beacon light unit is turned off and disconnected from its power source. Allow the unit to cool if it has been recently in operation.
- 2. Remove Old Lens:** Depending on your specific beacon model (e.g., 2FDL7), the old lens may be secured by screws, clips, or a twist-lock mechanism. Carefully remove any fasteners or rotate the lens counter-clockwise to detach it from the beacon base.
- 3. Inspect Gasket/Seal:** Check the condition of the gasket or sealing ring on the beacon base. If it is cracked, brittle, or damaged, replace it to ensure a watertight seal.
- 4. Position New Lens:** Align the Grote 90373 replacement lens with the beacon base. Ensure any tabs or grooves on the lens match those on the base.
- 5. Secure New Lens:** Fasten the new lens by reversing the removal process. If using screws, tighten them evenly to create a secure seal without overtightening. If it's a twist-lock, rotate clockwise until it clicks into place or is firmly seated.
- 6. Test Functionality:** Reconnect the power supply and test the beacon light to ensure it functions correctly and the new lens is securely in place.

5. OPERATION

The Grote 90373 is a passive component. Its operation is entirely dependent on the beacon light unit it is installed upon. Once properly installed, the lens functions to protect the internal light source and direct the light output, contributing to the beacon's signaling effectiveness.

6. MAINTENANCE

- Cleaning:** Clean the lens periodically with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents, as these can damage the polycarbonate material. Rinse thoroughly and dry with a clean, soft cloth.
- Inspection:** Regularly inspect the lens for cracks, hazing, or other damage that could impair light output or compromise the seal. Replace the lens if significant damage is observed.

7. TROUBLESHOOTING

As a passive component, the lens itself typically does not malfunction. Most issues related to a beacon light after lens replacement are due to improper installation or issues with the beacon unit itself.

- Reduced Light Output:** Ensure the lens is clean. If the issue persists, inspect the light source (bulb/LEDs) within the beacon unit.
- Moisture Inside Lens:** This indicates an improper seal. Disassemble, inspect the gasket/sealing ring, ensure it is properly seated, and reassemble the lens securely.
- Lens Not Fitting:** Verify that you have the correct replacement lens (Grote 90373) for your specific beacon model (e.g., 2FDL7).

8. SPECIFICATIONS

Feature	Specification
Model Number	90373

Feature	Specification
Replacement For	Grote 2FDL7 Beacon
Material	Polycarbonate
Color	Amber (also referred to as Yellow/Orange)
Item Weight	8 ounces (0.23 kg)
Package Dimensions	Approximately 16 x 34 x 23 inches (40.6 x 86.4 x 58.4 cm) <i>-Note: These are shipping dimensions; actual lens dimensions are smaller.</i>
UPC	089373004655

9. WARRANTY AND SUPPORT

Specific warranty information for replacement parts like the Grote 90373 lens is typically provided with the original beacon light unit or can be obtained directly from the manufacturer. For detailed warranty terms or technical support, please contact Grote Industries directly or visit their official website.

You can find more information about Grote products by visiting the [Grote Store on Amazon](#).

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