

SEAFLO SFSL-2700Y-02B

SEAFLO SFSL-2700Y-02B 360° Rotating Remote Control LED Searchlight User Manual

Brand: SEAFLO | Model: SFSL-2700Y-02B

1. INTRODUCTION

The SEAFLO SFSL-2700Y-02B is a high-performance, remote-controlled LED searchlight designed for marine, RV, and various outdoor applications. This robust unit provides comprehensive directional control with 360° horizontal rotation and 60° vertical tilt. It emits a powerful 2700-lumen warm white beam (2700K) capable of illuminating distances up to 1,312 feet (400 meters).

Constructed from durable ASA plastic, the searchlight is resistant to corrosion and oxidation, making it suitable for harsh environments. It features an IP65 waterproof rating, protecting it from rain, splashing, and wind-driven moisture. This model includes a wireless remote control for convenient operation from up to 164 feet (50 meters) away, eliminating the need for direct cable management.

This manual provides essential information for the proper installation, operation, and maintenance of your SEAFLO searchlight.

2. PRODUCT FEATURES

- **360° Horizontal Rotation:** Allows for full panoramic light coverage.
- **60° Vertical Tilt:** Provides precise vertical aiming of the light beam.
- **High Brightness:** 2700 Lumens with a 2700K Warm White color temperature.
- **Long Beam Distance:** Projects light up to 1,312 feet (400 meters).
- **Wireless Remote Control:** Operates from up to 164 feet (50 meters) for convenience.
- **Durable Construction:** Made from ASA plastic, resistant to corrosion and oxidation.
- **IP65 Waterproof Rating:** Ensures protection against water ingress.
- **Auto-Reset Function:** Automatically returns the light to a central position.
- **Wide Voltage Range:** Compatible with 10-30V DC power systems.

360° Rotating Remote Control LED Searchlight

SEAFLO®



IP65



**CORROSION
RESISTANT**



**UV
RESISTANT**



Image: Key features of the SEAFLO searchlight, including IP65 waterproof rating, corrosion resistance, and UV resistance.



Image: Illustration of the searchlight's 360-degree horizontal rotation and 60-degree vertical sweep capabilities.

3. SPECIFICATIONS

Specification	Detail
Model Number	SFSL-2700Y-02B
Voltage	10-30V DC
Power	28W
Brightness	2700 Lumens
Color Temperature	2700K Warm White
Beam Distance	984–1,312 ft (300–400 m)

Specification	Detail
Waterproof Rating	IP65
Housing Material	ASA Plastic (Black)
Control	Wireless Remote (164 ft / 50 m Range)
Product Dimensions	7.4"L x 6.7"W x 8.3"H
Item Weight	4.4 pounds

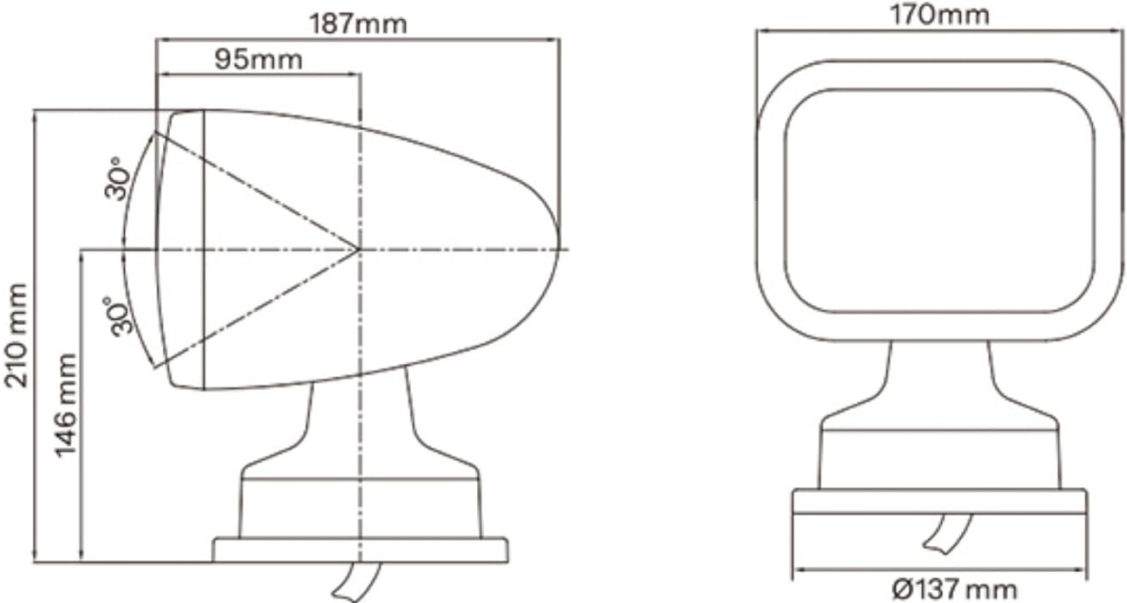
	
Model Number	SFSL-2700Y-02B
Voltage	10-30V
Power	28W
Brightness	2700 Lumen
Color Temperature	White White 2700K
Housing Color	White
Type	Wireless Remote

Image: Technical specifications and dimensional drawing of the searchlight.

4. WHAT'S IN THE BOX

- SEAFLO SFSL-2700Y-02B Searchlight Unit
- Wireless Remote Control
- User Instructions (this manual)

- 4-Year Warranty Card

5. SETUP & INSTALLATION

The SEAFLO searchlight is designed for easy installation on any flat surface. Ensure the mounting location is stable and provides a clear line of sight for optimal light projection and remote control signal.

1. **Choose Mounting Location:** Select a flat, secure surface on your boat, RV, truck, or other vehicle. Consider the desired coverage area and potential obstructions.
2. **Power Connection:** The searchlight operates on 10-30V DC. Connect the power cables to a suitable power source, ensuring correct polarity. It is recommended to use appropriate gauge wiring and an inline fuse for protection.
3. **Cable Routing:** The power cable exits from the base of the unit. For a flush mount, a hole will need to be drilled through the mounting surface to accommodate the cable and its plug end. Ensure the hole is large enough for the plug to pass through.
4. **Secure Mounting:** Use appropriate fasteners (not included) to securely attach the searchlight base to the chosen surface.
5. **Remote Control Setup:** The wireless remote control is pre-paired with the searchlight. No additional setup is typically required.



Image: The SEAFLO searchlight unit shown with its wireless remote control, illustrating the product's overall design.

6. OPERATING INSTRUCTIONS

The SEAFLO searchlight is controlled using the provided wireless remote. Familiarize yourself with the remote's buttons for optimal operation.



Image: The wireless remote control, highlighting its various function buttons.

Remote Control Functions:

- **ON/OFF:** Press to turn the searchlight on or off.
- **Directional Arrows (Up, Down, Left, Right):** Use these buttons to control the horizontal rotation and vertical tilt of the light head.
- **FLASH:** Activates a flashing light mode.
- **FADE:** Activates a fading light mode.
- **SOS:** Activates an SOS signal mode for emergency situations.
- **HOME:** Returns the searchlight to its default, centered position.

Video Demonstration:

Video: A demonstration of the SEAFLO LED Searchlight's features and remote control operation, including movement and light modes.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SEAFLO searchlight.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the ASA plastic or lens coating.
- **Inspection:** Regularly inspect the mounting hardware and electrical connections for any signs of wear, corrosion, or looseness. Tighten connections as necessary.
- **Waterproof Integrity:** While the unit is IP65 rated, ensure that the housing remains free from cracks or damage that could compromise its waterproof seal.
- **Remote Control:** Replace batteries in the wireless remote control as needed to maintain reliable operation.



Image: Close-up view emphasizing the durable and corrosion-resistant ASA material used in the searchlight's construction.

8. TROUBLESHOOTING

If you encounter issues with your SEAFLO searchlight, refer to the following common troubleshooting steps:

- **Light Not Turning On:**

- Check power connections to ensure they are secure and receiving 10-30V DC.
- Verify the remote control batteries are not depleted.
- Inspect the fuse in the power line (if installed) for continuity.

- **Light Not Responding to Remote:**

- Ensure you are within the 164 ft (50 m) operating range of the wireless remote.
- Check for any obstructions between the remote and the searchlight.
- Replace remote control batteries.

- **Movement Issues (Stuck or Limited):**

- Ensure no physical obstructions are impeding the light head's rotation or tilt.
- The unit features an auto-reset function; if it overheats, it may temporarily cease movement to protect components. Allow it to cool down.

- **Reduced Brightness:**

- Clean the lens surface to remove dirt or debris.
- Verify stable power supply within the specified voltage range.

If problems persist after following these steps, please contact SEAFLO customer support.

9. WARRANTY & SUPPORT

The SEAFLO SFSL-2700Y-02B Searchlight is backed by a **4-Year Limited Warranty**, ensuring dependable operation and peace of mind. Please refer to the included warranty card for full terms and conditions.

For technical assistance, warranty claims, or further inquiries, please visit the official SEAFLO store or contact their customer support channels.

Official SEAFLO Store: <https://www.amazon.com/stores/SEAFLO/page/7FBE919D-E1B4-48F0-984D-B1F1BF1629EB>