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SEAFLO SFSL-2700W-01B

SEAFLO 360° Rotating Remote Control LED Searchlight

Model: SFSL-2700W-01B User Manual



Image: The SEAFLO SFSL-2700W-01B searchlight, black in color, shown with its wired remote control. The searchlight features multiple LED bulbs and a robust base.

Introduction

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of your SEAFLO SFSL-2700W-01B 360° Rotating Remote Control LED Searchlight. Please read this manual thoroughly before using the product to ensure proper function and safety.

Safety Information

- Ensure the power supply matches the specified voltage (10-30V DC) to prevent damage.
- Do not look directly into the LED light when it is active, as it can cause eye strain or damage.
- Securely mount the searchlight to a stable surface to prevent movement or detachment during operation.
- Keep the wired remote control away from excessive moisture or extreme temperatures.
- Disconnect power before performing any installation, maintenance, or troubleshooting.

Package Contents

Verify that all items are present in the package:

- SEAFLO SFSL-2700W-01B Searchlight
- Wired Remote Control (15 ft / 4.57 m cable)
- User Instructions Manual (this document)
- 4-Year Warranty Card

Setup and Installation

Follow these steps for proper installation:

1. **Choose a Mounting Location:** Select a flat, stable surface on your boat, truck, or vehicle that provides an unobstructed view and allows for full 360° rotation and 60° vertical sweep.
2. **Prepare the Mounting Surface:** The searchlight's base requires a hole for the power cable to pass through. Drill a hole large enough to accommodate the cable's plug end, ensuring a secure and watertight seal after installation. Note: The searchlight base does not feature a side channel for cable routing, requiring a through-surface cable entry.
3. **Secure the Searchlight:** Use appropriate fasteners (not included) to firmly attach the searchlight base to the chosen surface. Ensure the mounting is robust enough to withstand vibrations and environmental conditions.
4. **Wiring:** Connect the searchlight's power cable to a 10-30V DC power source. Ensure correct polarity (red to positive, black to negative). It is recommended to install an inline fuse (not included) for circuit protection.
5. **Connect Remote Control:** Plug the wired remote control cable into the designated port on the searchlight.



Image: A visual representation illustrating the 360° horizontal rotation and 60° vertical sweep capabilities of the SEAFLO searchlight.

Operating Instructions

The searchlight is controlled via the wired remote. Familiarize yourself with the remote's buttons:



Image: The wired remote control unit, featuring directional arrows, ON/OFF, MODE, SOS, and FLASH buttons.

- **Power ON/OFF:** Press the 'ON' button to turn the searchlight on. Press the 'OFF' button to turn it off.
- **Directional Control:** Use the arrow buttons (Up, Down, Left, Right) to adjust the beam direction. The searchlight offers 360° horizontal rotation and 60° vertical sweep.
- **MODE Button:** Cycles through various light modes such as Flash and Fade.
- **SOS Function:** Activates an SOS signal pattern for emergency situations.
- **One Key Reset:** This feature automatically returns the searchlight to its default forward-facing position.

The searchlight features a powerful 2700 Lumen LED light source, providing a beam distance of up to 1,312 feet (400 m) with a warm white 5500K color temperature.



Image: The SEAFLO searchlight illuminating a distant area, highlighting its 2700 Lumen output and 1,312 feet (400 m) beam distance.



Image: The SEAFLO searchlight emitting a warm white light, indicating its 5500K color temperature.

Maintenance

- **Cleaning:** Regularly clean the searchlight lens and housing with a soft, damp cloth. Avoid abrasive cleaners that could scratch the surface.
- **Inspection:** Periodically check all wiring connections for corrosion or damage. Ensure the mounting hardware remains secure.
- **Waterproof Rating:** The searchlight has an IP65 waterproof rating, protecting it from dust and low-pressure water jets. While designed for harsh environments, avoid submerging the unit.



Image: The SEAFLO searchlight positioned over water, indicating its IP65 waterproof rating.



Image: A close-up of the SEAFLO searchlight housing, highlighting its construction from ASA material for corrosion and oxidation resistance.

Troubleshooting

- **Searchlight Does Not Turn On:**
  - Check power connections and ensure correct polarity.
  - Verify the power source is providing 10-30V DC.
  - Inspect any inline fuses for continuity.
- **Searchlight Does Not Rotate/Sweep:**
  - Ensure the remote control cable is securely connected.

- Check for any physical obstructions preventing movement.
- If only vertical movement is affected, ensure the unit is not jammed or damaged.

- **Intermittent Operation:**
  - Check for loose wiring connections.
  - Ensure the power supply is stable and not fluctuating.

Specifications

Feature	Specification
Model Number	SFSL-2700W-01B
Voltage	10-30V DC
Power	28W
Brightness	2700 Lumens
Color Temperature	Warm White (5500K)
Beam Distance	984–1,312 feet (300–400 m)
Housing Color	Black
Material	ASA plastic (corrosion and oxidation-resistant)
Waterproof Rating	IP65
Control Type	Wired remote with 15 ft. (4.57 m) cable
Horizontal Rotation	360°
Vertical Sweep	60°
Product Dimensions	7.4"L x 6.7"W x 8.3"H
Item Weight	4.5 pounds



Image: A diagram showing the dimensions (length, width, height, base diameter) and a table summarizing key specifications for the SFSL-2700W-01B model.

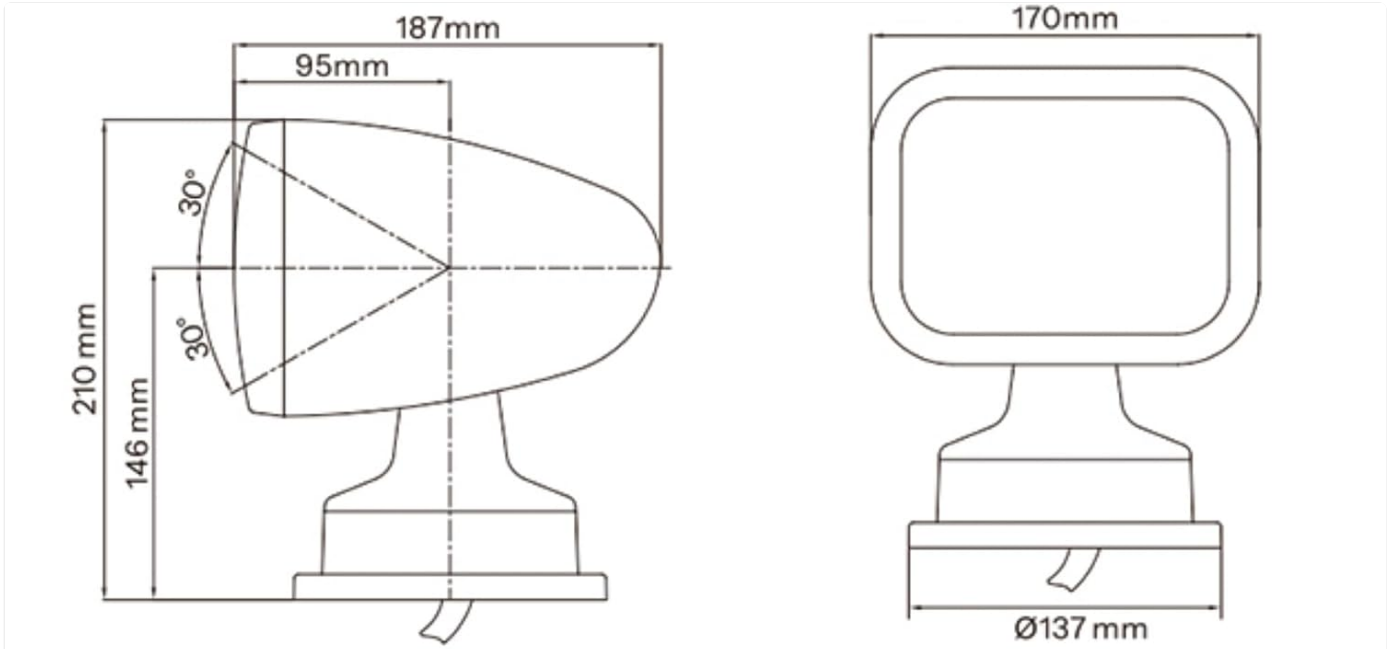
Warranty and Support

Your SEAFLO SFSL-2700W-01B Searchlight is backed by a**4-Year Limited Warranty**. Please refer to the included warranty card for detailed terms and conditions.
For technical support, warranty claims, or further assistance, please contact SEAFLO customer service through their official website or the retailer where the product was purchased. Keep your purchase receipt and warranty card for any claims.

Versatile Applications

The SEAFLO searchlight is designed for a variety of uses, including:

- Marine navigation and docking
- Vehicle illumination (trucks, RVs, motorhomes)
- Campsite lighting
- Emergency response
- Outdoor structures and general utility



Model Number	SFSL-2700W-01B
Voltage	10-30V
Power	28W
Brightness	2700 Lumen
Color Temperature	White 5500K
Housing Color	Black
Type	Wired Remote

Image: A collage depicting the SEAFLO searchlight in diverse settings: mounted on an RV, on a boat, near an ATV, and illuminating a campsite.

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