

## EXZEIT LML-1936

# EXZEIT 72W Blue Waterproof LED Boat Lights Instruction Manual

Model: LML-1936

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective installation, operation, and maintenance of your EXZEIT 72W Blue Waterproof LED Boat Lights. Please read this manual thoroughly before installation and retain it for future reference.

The EXZEIT 72W Blue LED Boat Lights are designed for marine environments, offering a 120° flood beam with 4000 lumens of blue light. They are suitable for various applications including deck, dock, and general marine lighting on 12V or 24V systems.



Figure 1.1: EXZEIT 72W Blue LED Boat Lights illuminating an area with blue light.

## 2. SAFETY INFORMATION

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- Always disconnect power before installing or servicing the lights to prevent electrical shock.
- Ensure proper wiring connections according to the provided instructions and local electrical codes. Incorrect wiring can lead to damage or fire.
- Verify the power supply voltage (12V or 24V DC) matches the light's specifications to avoid damage.
- Do not look directly into the light source when illuminated, as it can cause eye strain or temporary vision impairment.
- Mount the lights securely to prevent vibration or detachment during operation.
- Keep children away from the installation area and electrical components.

## 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation.

- EXZEIT 72W Blue LED Boat Light(s)
- Mounting Bracket(s)
- Mounting Hardware (screws, nuts, washers)

- Hex Wrench (for adjustment)



Figure 3.1: Included components: LED light, mounting bracket, hardware, and hex wrench.

## 4. SPECIFICATIONS

<b>Brand</b>	EXZEIT
<b>Model Number</b>	LML-1936
<b>Color</b>	Blue
<b>Wattage</b>	72 watts
<b>Lumen Output</b>	4000 LMS (per light)
<b>Beam Angle</b>	120° Flood
<b>Voltage</b>	12V / 24V DC
<b>Special Feature</b>	Waterproof (IP68)
<b>Lens Material</b>	Polycarbonate

<b>Housing Material</b>	Durable Aluminum
<b>Dimensions (L x W x H)</b>	6.3 x 2.2 x 1.7 inches (approx. 8.4 x 2.95 x 4.7 inches with bracket)
<b>Lifespan</b>	Approx. 30,000 hours

# PRODUCT SPECS



Figure 4.1: Product dimensions for installation planning.



Figure 4.2: Icons indicating IP68 waterproof rating, high/low temperature resistance, and 30,000-hour lifespan.

## 5. INSTALLATION

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### 5.1 Mounting Location

Select a mounting location that provides the desired illumination coverage and is structurally sound to support the light. The 120° flood beam is ideal for wide area lighting on decks, docks, or other marine surfaces. Ensure the location allows for proper cable routing and access for adjustments.

## Live Shooting



Figure 5.1: Illustration of the 120° flood beam pattern provided by the light.

### 5.2 Mounting Procedure

1. Position the mounting bracket at the desired location and mark the drill points.
2. Drill appropriate pilot holes for the mounting hardware.
3. Secure the mounting bracket using the provided screws, nuts, and washers. Ensure the bracket is firmly attached.
4. Attach the LED light to the bracket using the provided bolt and nut. Do not fully tighten yet.
5. Adjust the angle of the light to the desired position.
6. Once the angle is set, tighten the bracket bolt securely using the hex wrench.



Figure 5.2: Rear view illustrating the mounting bracket attachment and wiring exit point.

### 5.3 Wiring Connections

- The light features a two-wire connection: a red wire for positive (+) and a black wire for negative (-).
- Connect the red wire to a fused 12V or 24V DC positive power source.
- Connect the black wire to a suitable negative ground point.
- Ensure all connections are secure and properly insulated to prevent corrosion and short circuits, especially in a marine environment. Use marine-grade connectors and heat shrink tubing for optimal protection.
- Verify the power source is capable of supplying the required current for the 72W light.

## 6. OPERATION

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Once properly installed and wired, the EXZEIT LED Boat Lights will illuminate when power is supplied to the circuit. The blue light provides enhanced visibility and aesthetic appeal for night fishing, deck lighting, or other marine activities.

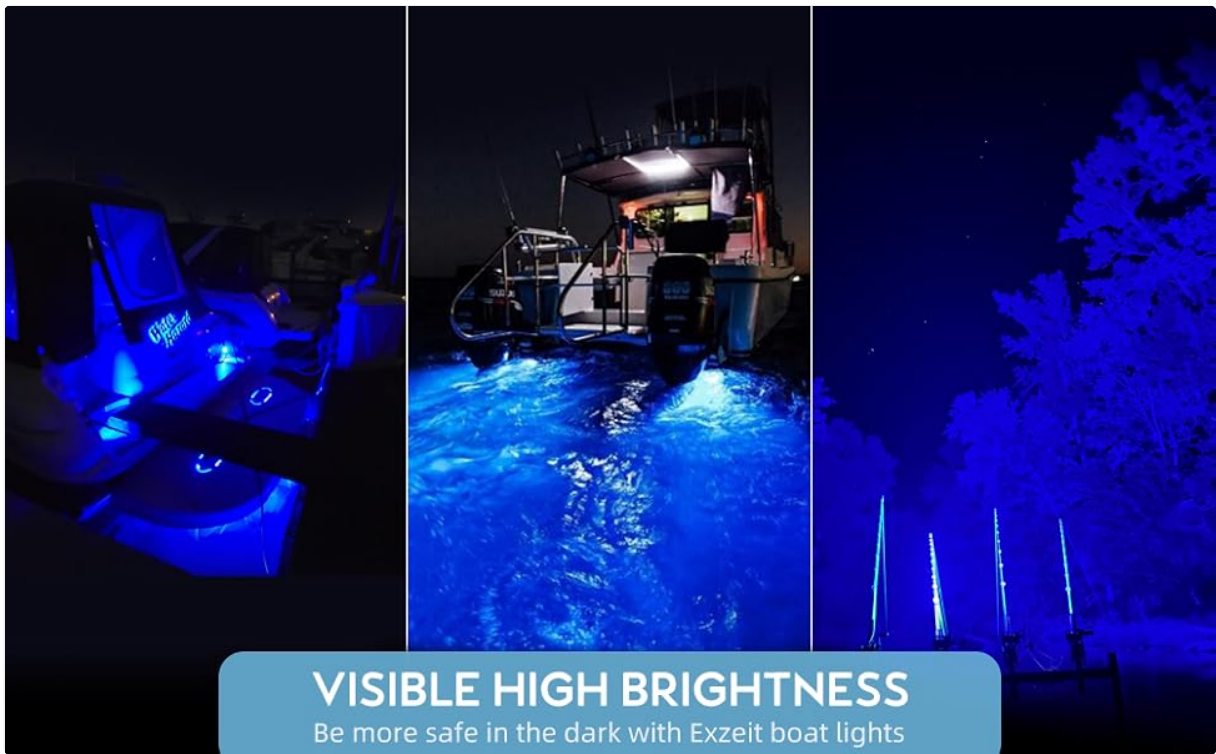


Figure 6.1: Example of the visible high brightness provided by EXZEIT boat lights in a marine setting.

## 7. MAINTENANCE

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap to remove salt residue, dirt, or grime. Avoid abrasive cleaners that could scratch the polycarbonate lens.
- **Inspection:** Regularly inspect wiring connections for signs of corrosion or damage. Ensure all mounting hardware remains tight.
- **Waterproofing:** The lights are IP68 rated for waterproofing. However, ensure the cable entry point remains sealed and free from damage.

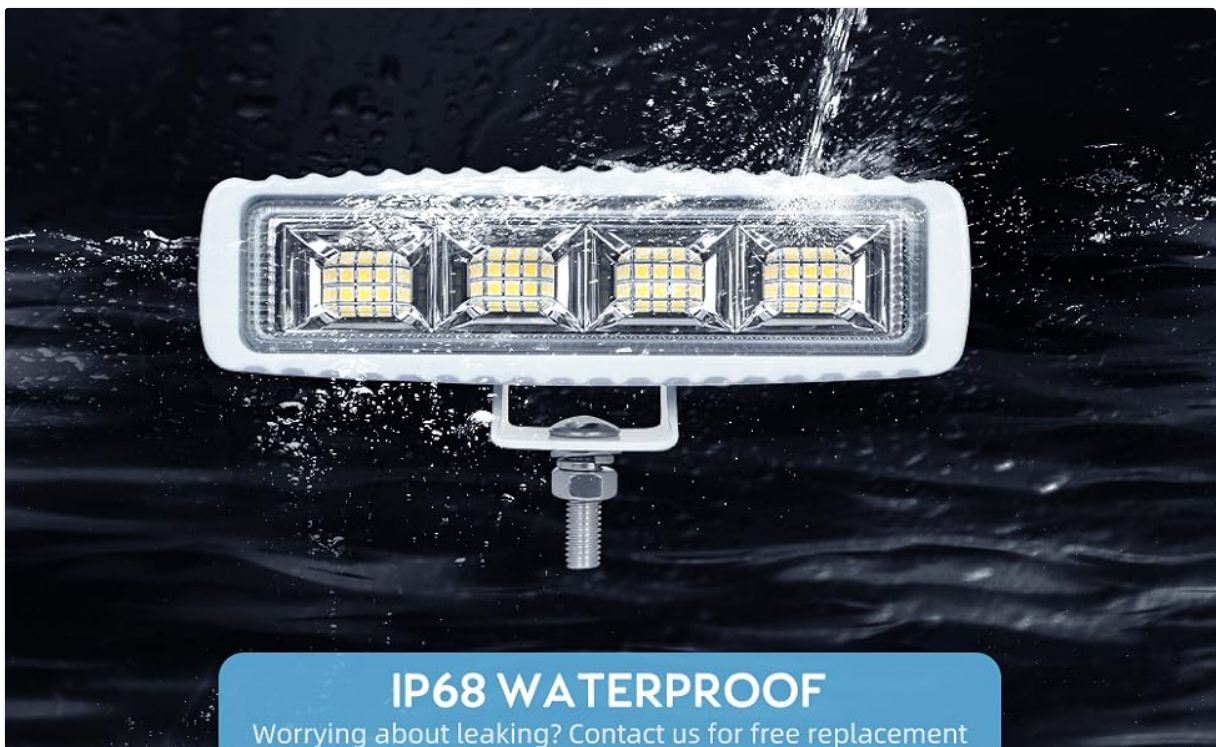


Figure 7.1: The light's IP68 waterproof design ensures durability in wet conditions.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Light does not turn on.	No power, incorrect wiring, blown fuse, faulty switch.	Check power supply. Verify wiring connections (red to positive, black to negative). Inspect fuse and replace if necessary. Test the switch.
Light is dim or flickers.	Low voltage, loose connection, corroded wiring.	Check battery voltage. Tighten all electrical connections. Clean any corroded terminals or wires.
Water inside the lens.	Seal compromise (unlikely due to IP68 rating, but possible with extreme damage).	Contact EXZEIT customer support for warranty claim or replacement.

## 9. WARRANTY AND SUPPORT

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EXZEIT guarantees the quality and performance of its products. We offer a **1-year replacement warranty** for any water-related issues that may occur with your LED boat lights. For warranty claims, technical assistance, or any other inquiries, please contact EXZEIT customer support through your purchase platform or visit the official EXZEIT store.

For more information, visit the [EXZEIT Store on Amazon](#).