

Partsam 193495

Partsam 3-Inch Round Marine LED Light (Model 193495) Instruction Manual

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1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Partsam 3-Inch Round Marine LED Light. This versatile light is designed for marine applications, serving as a navigation, transom, cabin, cockpit, stern, or anchor light. Its robust construction and IP68 waterproof rating ensure reliable performance in various marine environments.

Key Features:

- **Longevity and Low Draw:** Utilizes efficient LED technology.
- **Versatile Application:** Suitable for vertical transoms, interior cabins, or as a courtesy light.
- **Dimensions:** 3-inch diameter.
- **Voltage:** Operates on 12 Volts DC.
- **LED Type:** Features 12-5050-SMD LEDs for bright illumination.
- **Durable Construction:** Polished 304 Marine Stainless Steel Bezel and PC Lens.
- **Waterproof Rating:** IP68 submersible, designed to withstand marine conditions.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electrical shock, fire, or damage to the product or vessel.

- Always disconnect power to the installation area before beginning any electrical work.
- Ensure proper wiring connections (positive to positive, negative to negative) to prevent damage to the LED light.
- Use appropriate marine-grade wiring and connectors for all electrical connections.

- Verify that the power supply voltage matches the product's specified voltage (12 Volts DC).
- Do not modify the light in any way, as this may compromise its waterproof integrity and void the warranty.
- While the light is IP68 submersible, ensure all connections are properly sealed and protected from water ingress during installation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Partsam 3-Inch Round Marine LED Light
- Mounting Screws
- Mounting Gasket

4. INSTALLATION

4.1. Mounting

1. Choose a suitable mounting location on your vessel. The light is designed for surface mounting with its quality flange construction.
2. Place the mounting gasket on the back of the light to ensure a watertight seal.
3. Mark the positions for the mounting screws using the light's bezel as a template.
4. Drill pilot holes for the mounting screws. Ensure the pilot holes are appropriately sized for the provided screws to prevent cracking the plastic or stripping the screws.
5. Secure the light to the mounting surface using the provided fasteners. Do not overtighten.



Figure 1: Product Dimensions. The light has a 3.0-inch diameter and a depth of 1.0 inch (0.65 inch from the mounting surface).

4.2. Wiring

The light operates on 12 Volts DC. It includes a lead wire (positive) and a ground wire (negative) for complete installation.

1. Identify the positive (+) and negative (-) wires from your vessel's 12V DC power supply.
2. Connect the red lead wire from the LED light to the positive (+) wire of your vessel's power supply.
3. Connect the black ground wire from the LED light to the negative (-) wire of your vessel's power supply.
4. Ensure all electrical connections are secure and properly insulated using marine-grade connectors and heat shrink tubing to maintain the IP68 waterproof integrity.

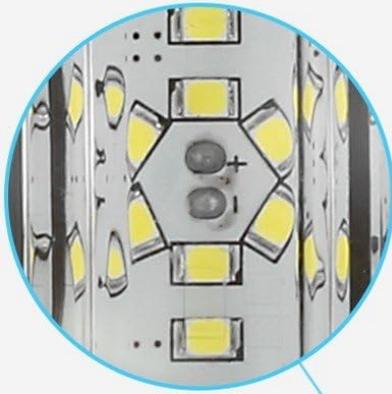


Easy to install

Both the lead wire and ground wire are included for complete installation



Figure 2: Easy Installation. The light comes with pre-attached lead and ground wires for straightforward connection to a 12V DC power source.



12-5050-SMD

Super Bright Submersible Stainless Steel Boat Marine Light: Boat Navigation Light/LED Stern Light/boat running light/boat position light/boat signal lamp etc.



Figure 3: 12-5050-SMD LED Array. This image highlights the super bright submersible LED array, suitable for various marine lighting needs.

Stainless Steel

This Submersible light is in Durable Clear Plastic Lens and Body



Figure 4: Stainless Steel Construction. The light features a polished 304 marine stainless steel bezel and a durable clear plastic lens and body.

5. OPERATION

Once properly installed and wired, the Partsam 3-Inch Round Marine LED Light operates by simply applying 12 Volts DC power. It can be connected to an existing switch on your vessel or a new switch can be installed to control its power.

- **Functionality:** The light provides bright, white illumination suitable for various purposes including transom lighting, interior cabin lighting, cockpit courtesy lighting, or as a stern/anchor light.
- **Versatility:** Its compact design allows it to be used in any application where a reliable 12V LED light is needed.

Brighter and Hotter !

This Submersible light is in Durable Clear Plastic Lens and Body



Figure 5: Bright Illumination. This image demonstrates the powerful light output when the unit is active.

Widely used

Universal for 12v vehicles, espe. boat marine lights. Stainless Steel hides mounting screws.



Figure 6: Widely Used. The light is universal for 12V marine vehicles, including pontoon boats, fishing boats, kayaks, and sailboats.

6. MAINTENANCE

The Partsam 3-Inch Round Marine LED Light is designed for durability and minimal maintenance. Regular inspection and cleaning will help ensure its longevity and optimal performance.

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap and water to remove salt residue, dirt, or marine growth. Avoid abrasive cleaners or harsh chemicals that could damage the lens or bezel.
- **Inspection:** Regularly inspect the wiring and connections for any signs of corrosion, fraying, or damage. Ensure the mounting screws remain tight.
- **Waterproof Integrity:** The IP68 rating ensures protection against water ingress. However, if the light has been subjected to impact or extreme conditions, inspect the seals and housing for any cracks or damage.



Waterproof

With the IP68 Waterproof design, will prevent form any sand, water, dirt, snow or dust.

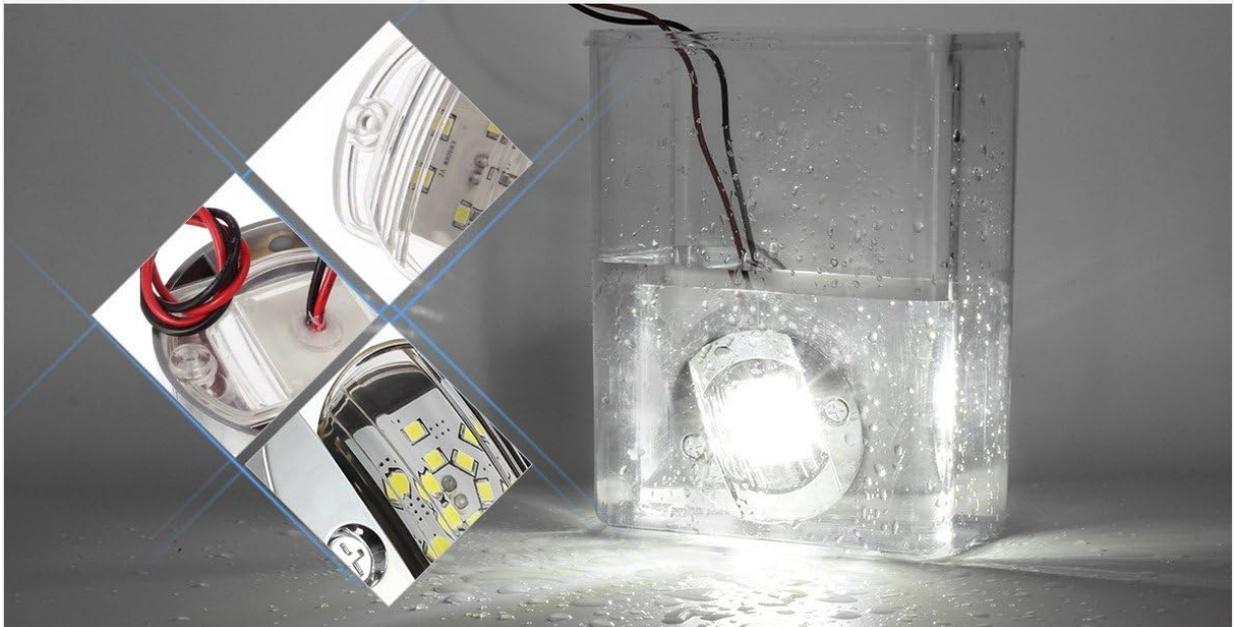


Figure 7: IP68 Waterproof. The light is fully submersible, protecting against water, dirt, snow, or dust.

7. TROUBLESHOOTING

If your Partsam Marine LED Light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply.	Check the vessel's power source and ensure it is active.
Light does not turn on.	Incorrect wiring.	Verify that the positive and negative wires are connected correctly.
Light does not turn on.	Loose or corroded connections.	Inspect all wiring connections for tightness and corrosion. Clean or re-secure as necessary.

Problem	Possible Cause	Solution
Light flickers or is dim.	Insufficient voltage or poor connection.	Check the voltage at the light's connection point. Ensure all connections are solid.
Water inside the light.	Compromised seal or damage.	Discontinue use immediately. Inspect for cracks or damage to the housing/lens. Contact support if damaged.

8. SPECIFICATIONS

Feature	Detail
Brand	Partsam
Model Number	193495
Color	White (Light), Clear (Lens)
Specific Uses For Product	Interior, Transom, Cabin, Cockpit, Stern, Anchor, Deck Lighting
Vehicle Service Type	Boat Marine 12V Vehicles
Light Source Type	LED (12-5050-SMD)
Voltage	12 Volts DC
Lens Material	Durable Clear Plastic Lens with Polished 304 Marine Stainless Steel Bezel
Waterproof Rating	IP68 Submersible
Item Weight	4.2 ounces
Package Dimensions	6.42 x 5.12 x 1.06 inches
Safety Rating	DOT Certified, CAPA

9. WARRANTY & SUPPORT

Partsam products are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the product packaging or contact Partsam customer service directly. Keep your purchase receipt for warranty claims.

10. RELATED PRODUCT INFORMATION

The following video provides a general overview of Partsam LED lighting products, including various marine lights. While not exclusively focused on this specific model, it showcases the brand's commitment to quality and variety in marine and vehicle lighting solutions.

Your browser does not support the video tag.

Video 1: Partsam LED Lights Overview. This video highlights a range of LED lighting products from Partsam, including various marine lights, truck lights, and trailer lights, demonstrating their applications and features.

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