

Partsam GL-14774

Partsam 3-inch Blue LED Oblong Courtesy Light User Manual

Model: GL-14774

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Partsam 3-inch Blue LED Oblong Courtesy Lights. Please read this manual thoroughly before installation and use to ensure proper function and safety.

PRODUCT FEATURES

- **Light Type:** 3-inch Oblong Oval LED Courtesy Light
- **LED Color:** Blue
- **Voltage:** 12V DC
- **Lens:** Clear Polycarbonate
- **Bezel:** Highly polished Stainless Steel Trim Rim
- **Mounting:** Surface mount with snap-on bezel, recessed design
- **Waterproof Rating:** IP67
- **Application:** Marine deck, transom, stern, yacht, pontoon, fishing boat, kayak, sailboat, RV, truck, car, utility vehicle, aircraft. Suitable for interior or exterior courtesy lighting on walkways, steps, or storage areas.



Image: Four Partsam 3-inch blue LED oblong courtesy lights. One light is shown illuminated with a blue glow, demonstrating its function.

SAFETY INFORMATION

- Always disconnect power before installation or maintenance.
- Ensure proper wiring polarity (Red for Positive, Black for Ground) to prevent damage.
- Do not exceed the specified 12V DC voltage.
- Wear appropriate safety gear during installation.
- Consult a qualified marine electrician if you are unsure about any part of the installation process.

SETUP AND INSTALLATION

1. **Prepare the Mounting Surface:** Choose a flat surface for installation. The light is designed for surface mounting with a recessed portion.
2. **Mark Drilling Points:**

- The light dimensions are approximately 3 inches (length) x 1.25 inches (width) x 0.4 inches (depth).
- The hole-to-hole distance for mounting screws is 2.4 inches.
- A 3/4 inch circular cut-out is required for the recessed portion of the light.



Image: Dimensional diagram of the light, indicating a length of 3 inches, width of 1.29 inches, depth of 0.4 inches, and a 0.75-inch diameter for the recessed cut-out.

3. **Drill Holes:** Carefully drill the pilot holes for the mounting screws and the 3/4 inch circular cut-out for the light's recessed base.

4. **Wiring:**

- The light features a two-wire design.
- Connect the **Red wire** to the **Positive (+)** 12V DC power source.
- Connect the **Black wire** to the **Ground (-)**.
- Ensure all connections are secure and properly insulated to prevent short circuits and water intrusion.



Image: Wiring diagram illustrating the red wire for positive connection and the black wire for negative/ground connection.

5. **Mount the Light:** Insert the light into the drilled holes, ensuring the recessed portion fits correctly. Secure the light using the provided stainless steel mounting screws. The snap-on bezel will cover the screws for a clean finish.
6. **Test Functionality:** Once installed, apply 12V DC power to test the lights.

OPERATING INSTRUCTIONS

These LED courtesy lights are designed for simple operation. Once properly installed and wired to a 12V DC power source, they will illuminate when power is supplied. Typically, they are connected to a switch on your vessel or vehicle's electrical panel.

- **Activation:** Turn on the connected switch to provide power to the lights.
- **Deactivation:** Turn off the connected switch to cut power to the lights.



Super Bright 3 Diodes

Brighter and Sturdy! Shining Brighter than normal LED

Image: A single blue LED courtesy light demonstrating its bright illumination.

MAINTENANCE

The Partsam LED Oblong Courtesy Lights require minimal maintenance due to their durable construction and IP67 waterproof rating.

- **Cleaning:** Periodically clean the lens and stainless steel bezel with a soft cloth and mild soap and water. Avoid abrasive cleaners that could scratch the lens or damage the finish.
- **Inspection:** Regularly inspect the wiring for any signs of wear, corrosion, or damage. Ensure mounting screws remain tight.
- **Waterproofing:** While IP67 rated, ensure the installation area remains sealed to prevent water ingress into the vehicle's electrical system.

PARTSam



IP67

Waterproof

With the IP67 Waterproof Design, will prevent from any sand, water, dirt, snow or dust.

Image: The light installed on a boat, illustrating its waterproof design in a wet environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not illuminate.	No power supply. Incorrect wiring (polarity). Loose connection. Damaged light.	Check power source and switch. Verify red wire to positive, black wire to ground. Ensure all wire connections are secure. If all else fails, the light may be faulty and require replacement.
Light flickers or is dim.	Insufficient voltage. Loose connection. Corrosion on terminals.	Ensure a stable 12V DC power supply. Check and secure all wiring connections. Clean any corroded terminals.

Problem	Possible Cause	Solution
Water inside the light.	Improper installation seal. Damage to the light housing.	Re-evaluate installation and ensure proper sealing around the light. Replace if housing is cracked or damaged.

SPECIFICATIONS

- **Brand:** Partsam
- **Model:** GL-14774 (RV Marine Boat Trailer LED Oblong Courtesy Light)
- **Part Number:** 161053
- **Light Type:** LED Oblong Courtesy Light
- **LED Quantity:** 3 LEDs per light
- **Input Voltage:** 12V DC
- **Light Color:** Blue
- **Lens Color:** Clear
- **Lens Material:** Polycarbonate
- **Bezel Material:** Highly polished Stainless Steel
- **Waterproof Rating:** IP67
- **Dimensions:** 3 inches (L) x 1.29 inches (W) x 0.4 inches (H)
- **Mounting Hole Distance:** 2.4 inches (center-to-center)
- **Recess Cut-out Diameter:** 0.75 inches
- **Wiring:** 2-wire (Red: Positive, Black: Ground)
- **Item Weight:** Approximately 5.9 ounces (per 4-pack)
- **UPC:** 732240780120

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Partsam customer service. Refer to your purchase documentation for specific warranty terms and contact details.

Manufacturer: Partsam

Website: [Partsam Amazon Store](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question