

UUBO2

UNDERWATER LIGHT



INSTALLATION GUIDE

ABBA LIGHTING USA

U/B02 UNDERWATER LIGHT



**HEAVY DUTY
CAST
BRASS**

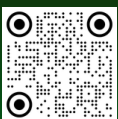
FINISH



BULB:



Thank you for choosing our high-quality product. To ensure the best possible experience, please take a moment to carefully read and follow all instructions before assembly, installation, and use. Doing so will not only guarantee proper function and safety but also help you maximize the full potential of this exceptional product. We truly appreciate your business and are honored to be your trusted provider of top-notch products!



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WARNING

TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS:

- ✔ Please exercise caution when using the lamp, as it tends to HEAT up rapidly. We recommend taking necessary safety measures to ensure optimal usage.
- ✔ For your safety, please refrain from touching the HOT lens, guard, or enclosure. We recommend waiting for the product to cool down before handling it.
- ✔ To prevent any fire hazards, please ensure that the lamp is kept away from materials that may easily catch fire. We appreciate your cooperation in maintaining a safe and secure environment.
- ✔ For safety reasons, we recommend that only a qualified professional install this electrical product.
- ✔ Before attempting to install this unit, ensure all power connections are off for your own safety.

WARRANTY

- We stand behind the quality of our product and offer a 3 Year warranty. Kindly ensure that you keep the proof of purchase as it will be required for any warranty claims.
- Warranty will be void if there is any damage due to improper usage or modification to the fixture.
- Failure to comply with the instruction in this manual may increase the risk of damage or injury and will void warranty.



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PRODUCT OVERVIEW

The ULB02 Brass Flood / Underwater Pond Light is a durable low-voltage fixture designed for underwater and wet-location applications where long-term reliability and a premium appearance matter. Built from heavy-duty cast brass and finished in natural brass, this model is made for customers who want a stronger, longer-lasting alternative to standard decorative pond or fountain lighting. Its solid brass construction gives the fixture a professional-grade feel while also helping it withstand demanding outdoor and water-feature environments.

Designed for use with a 12V PAR36 LED lamp sold separately, the ULB02 gives installers the flexibility to choose the lamp output and color temperature that best fits the project. The product page links compatible PAR36 options, including versions with 3000K, 4000K, and 5000K choices, making this fixture adaptable for warmer decorative effects or cleaner, brighter illumination depending on the setting.

This fixture is especially well suited for water features and submerged landscape lighting. Abba lists the ULB02 with an IP68 waterproof rating, and categorizes it for both Flood Lights and Underwater Lights, with tags referencing ponds, fountains, waterfalls, and underwater use. That makes it a practical choice for highlighting moving water, illuminating pond areas, or adding focused lighting to fountain and waterfall installations.

The ULB02 also includes a 20-foot No. 16 wire lead, which supports easier placement in pond and water-feature layouts where a longer cable run is needed. With overall dimensions of approximately 6" high, 3.875" wide, and 5.75" long, this fixture offers a compact but substantial form that works well in a variety of underwater and exterior lighting designs. It is also listed as ETL certified, adding another layer of confidence for customers seeking a professionally recognized product.



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SOLID BRASS CONSTRUCTION

Durable brass body offers natural resistance to corrosion and wear, with a finish that ages gracefully in outdoor environments.

ADJUSTABLE MOUNTING BRACKET

Allows precise aiming and positioning of the beam to suit a variety of outdoor lighting needs.

VERSATILE APPLICATION

The ULB02 is a strong option for projects that need reliable illumination in or around water, including:

- Pond lighting
- Fountain lighting
- Waterfall illumination
- Underwater accent lighting
- Focused flood lighting for exterior water features

PROFESSIONAL & RESIDENTIAL USE

Works well in both commercial settings and upscale residential projects requiring robust, stylish flood illumination.



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Specification	Details
Model	ULB02
Material	Solid Brass
Light Coverage	Broad flood beam
Mounting Style	Adjustable flood bracket
Weather Resistance	Outdoor-rated IP68
Recommended Use	Landscape, architecture, outdoor areas



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IMPORTANT SAFETY INFORMATION

To ensure optimal performance and safety, always use our fixtures ONLY with a low-voltage landscape transformer. This transformer reduces the voltage from 120V to 12V, making it safe and suitable for outdoor use. Failure to follow these guidelines may result in electrical hazards or damage to the fixture.



3000K



4000K



5000K



RGBCW



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STEP-BY-STEP INSTALLATION INSTRUCTIONS

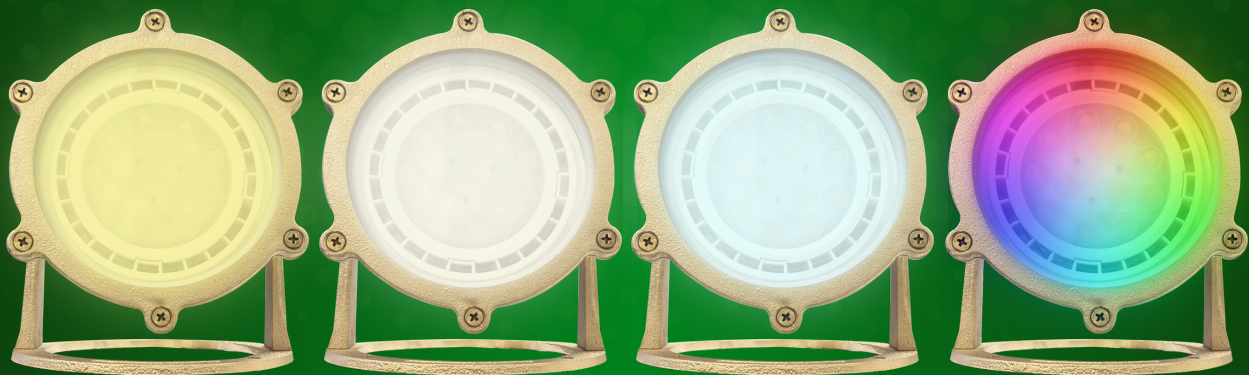
Step 1: Plan Your Layout

- **Determine Placement:** Choose the path or area where the lights will be installed. Measure the distance between lights to ensure even illumination. A typical spacing is 6–10 feet apart, depending on the desired light spread.
- **Consider Power Source:** Ensure that the Fixture can be connected to a suitable power source. Ensure that the input voltage of the light cable wires is 12V AC/DC. Using improper voltage may cause malfunction or permanent damage to the fixture.

Step 2: Establish a Secure Electrical Connection

For a dependable and long-lasting electrical connection between the fixture wires and the main line in outdoor or underground installations, follow these guidelines:

- Use a direct burial-rated main cable connector designed to withstand environmental conditions, resist moisture and corrosion, and provide robust insulation.
- We recommend using WN12 waterproof wire nuts (sold separately) for optimal connectivity and protection against the elements.



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Step 3: Wire Connection Instructions

Strip the insulation: Carefully strip approximately $\frac{3}{4}$ inch (1.9 cm) of insulation from the ends of the two wires to be connected. Ensure that the exposed metal ends are clean and free of frayed strands.

Align the wires: Hold the stripped ends of both wires together, making sure they are neatly aligned with no stray strands crossing over.

Twist the wire nut: Firmly twist the wire nut clockwise onto the wires until it is tight and secure.

Insert the wires into the wire nut: Push the aligned wire ends all the way into the wire nut, ensuring that the bare metal is fully covered.

Test the connection: Gently tug on each wire to ensure they are firmly held in place and will not come loose.

Inspect the connection: Ensure that no exposed wires or loose strands are visible. If the connection is not secure, remove the wire nut and repeat the process.

⚠ Note: Always follow local electrical codes and regulations when performing electrical work. If unsure or uncomfortable with electrical tasks, consult a qualified electrician. Safety should always be a top priority.

FIXTURE ASSEMBLY & INSTALLATION

Step 4: Bulb Installation

- Remove the front part from the fixture.
- Insert the appropriate bulb ensuring it is seated securely in the socket.
- Reattach the top part to the fixture, making sure it is properly aligned and fastened.



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Step 5: Power On & Final Adjustments

- Turn on the power to test the fixture.
- Make any final angle adjustments to ensure optimal lighting coverage.
- Verify proper operation before completing the installation.
- Bury the main cable underground for safety and protection from external elements.
- Do not exceed the maximum wattage specified for the fixture to prevent overheating or damage.
- Regularly inspect and maintain your lighting system to ensure long-term reliability.



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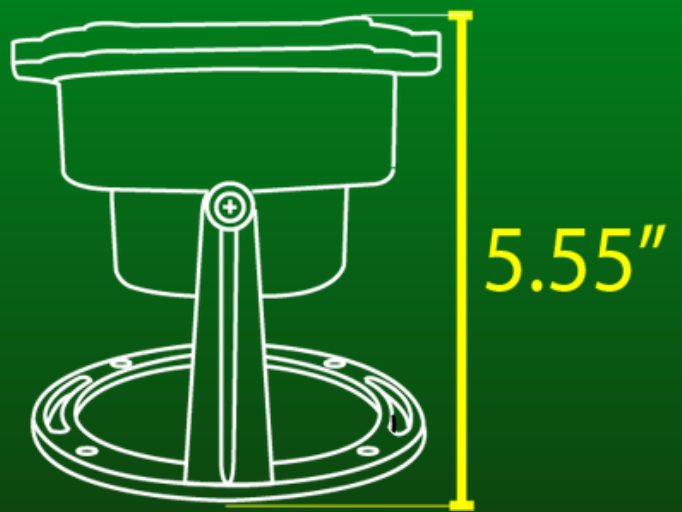
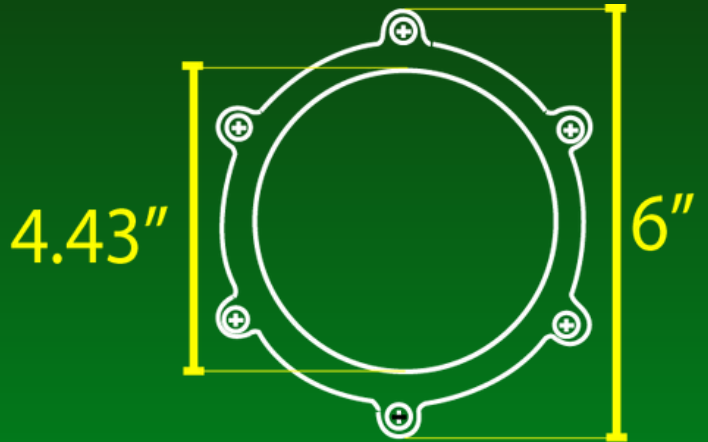


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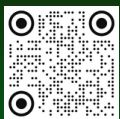
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MAINTENANCE TIPS

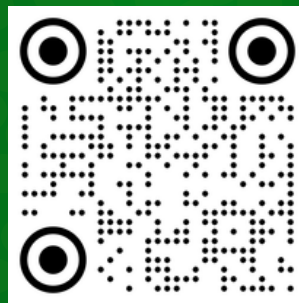
- **Regular Inspection:** Periodically check the fixture to ensure they are still securely mounted and functioning correctly.
- **Surface Maintenance:** Monitor the mounting surface.

SAFETY PRECAUTIONS

- Always wear appropriate safety gear, such as gloves and safety glasses, during installation.
- Ensure the mounting surface is capable of supporting the weight of the lighting fixture.

ADDITIONAL RESOURCES

For a detailed video tutorial on how to install, visit our YouTube channel and search for "ULB02"



Please visit our website for more of our products.

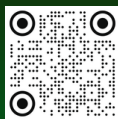
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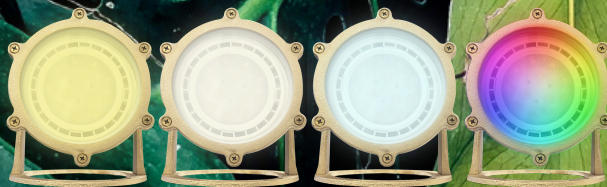
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