

UNB12

WELL LIGHT



INSTALLATION GUIDE

ABBA LIGHTING USA

UNBELT WELL LIGHT

MR16 SOLD SEPARATELY



2700K



3000K



4000K



5000K



HEAVY DUTY
CAST BRASS



ABBA LIGHTING USA

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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CATALOG



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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 2 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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DO NOT INSTALL WITHIN 10 FEET OF A POOL, SPA OR FOUNTAIN

UNB12 – Cast Brass Well Light

Heavy-Duty In-Ground Fixture for Premium Outdoor Illumination

Elevate your landscape lighting to a new level of durability, performance, and sophistication with the UNB12 Cast Brass Well Light by Abba Lighting USA. Engineered for excellence and designed with enduring materials, this in-ground fixture is an ideal choice for lighting designers, landscape architects, and discerning homeowners who demand premium-quality lighting with a discreet yet powerful profile.

The UNB12 features a solid cast brass construction with a rich Natural Brass finish, combining timeless aesthetics with long-lasting strength that can withstand even the harshest outdoor environments. This well light is designed to be installed flush into the ground, providing seamless uplighting for trees, architectural columns, signage, garden sculptures, and more—without obstructing sightlines or foot traffic.

Designed to accommodate any standard 12V MR16 LED bulb (sold separately), the UNB12 lets you select the color temperature, beam spread, and brightness level that suits your specific outdoor lighting application. The fixture is also IP65-rated, offering protection from dust, rain, and irrigation splash—making it suitable for use in lawns, driveways, flower beds, patios, or any outdoor zone requiring elegant in-ground lighting.

Every detail of the UNB12 has been thoughtfully crafted to deliver long-term performance. Its ETL Listing ensures safety and quality compliance, while the low-voltage operation (AC/DC 12V) makes it a safer and energy-efficient solution compatible with most landscape lighting systems.

Solid Cast Brass Construction

Built from heavy-duty cast brass for superior strength, corrosion resistance, and a natural patina that develops beautifully over time. Perfect for long-term outdoor installations in demanding environments.



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MR16 Lamp Compatibility (Bulb Sold Separately)

Supports a wide range of MR16 12V LED bulbs including:

- MR16 Red, Blue, Green LED Bulbs
- MR16 3W Aluminum LED Bulbs (3000K, 4000K, 5000K)
- MR16 5W Glass LED Bulbs (2700K, 3000K, 4000K, 5000K)
- MR16 7W Aluminum LED Bulbs (3000K, 4000K, 5000K)

Weather-Resistant & IP65 Rated

Protected against dust and low-pressure water jets from any direction. Ideal for wet outdoor locations including lawn areas, gravel beds, pavers, and garden perimeters.

Low Voltage Operation (12V AC/DC)

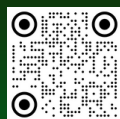
Safe and energy-efficient for residential or commercial outdoor lighting systems. Compatible with standard low-voltage transformers.

Compact In-Ground Design

Flush-mount profile provides powerful lighting without visible bulk—perfect for clean and minimalist lighting designs.

ETL Listed for Safety & Compliance

Certified to meet rigorous North American safety standards, giving you peace of mind during installation and use.



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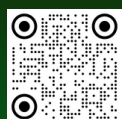
Contractor-Grade Build Quality

From sealed wire leads to thick housing walls, every aspect of the UNB10 is engineered for commercial reliability and residential finesse.

Technical Specifications

Feature Details

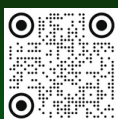
-  Material: Solid Die-Cast Brass
-  Finish: Natural Brass
-  Lamp Type: MR16 LED (Not Included)
-  Socket Type: GU5.3 Bi-Pin
-  Input Voltage: 12V AC/DC Low Voltage
-  Beam Type: Uni-Directional
-  Lamp Adjustment: Adjustable Inner Bracket
-  Waterproof Rating: IP65 – Suitable for Wet Locations
-  Operating Temp: -13°F to 122°F (-25°C to 50°C)
-  Certifications: ETL Listed, RoHS Compliant
-  Installation Type: In-Ground / Below Grade (No PVC Sleeve Required)



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Ideal Applications

-  Pathways & Walkways
- Provide safe and stylish lighting to footpaths or stone walkways by casting bi-directional beams along each side.
-  Garden Borders
- Define planting beds or hedges with a clean lighting line that highlights both directions equally.
-  Commercial Landscapes
- Use in upscale developments, hotels, or gated communities where architectural symmetry and lighting discipline are essential.
-  Driveways & Entryways
- Highlight drive borders, stone pavers, or columns from ground level without causing upward glare.
-  Fences & Hardscape Edges
- Perfect for illuminating the base of walls, fences, or retaining structures from both sides simult

At Abba Lighting USA, we combine durability, performance, and style in every product. The UNB12 Cast Brass Well Light embodies this philosophy—offering elite craftsmanship, practical functionality, and timeless aesthetics in a rugged in-ground design. Whether you're enhancing your personal residence or designing a large-scale landscape lighting project, the UNB12 provides the premium performance you can rely on for years to come.



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STEP-BY-STEP INSTALLATION INSTRUCTIONS

Safety Precautions

- Ensure the power supply is turned off before installation.
- Follow local electrical codes and regulations.
- Wear protective gloves during installation to avoid injury.
- Do not install in areas prone to excessive moisture unless properly sealed.
- Ensure all connections are waterproof for outdoor installations.

1. Preparing the Installation

- Select a location that provides the best illumination while avoiding areas prone to standing water.
- If installing in-ground, dig a hole large enough to accommodate the fixture and the wiring.
- If installing in concrete or hard surfaces, ensure proper mounting sleeves or junction boxes are available.
- Remove the screws from the top cover of the fixture. Carefully take off the glass lens along with the rubber seal. Install the MR16 bulb by securing the screws into the designated slots on the bulb. Once the bulb is in place, reposition the glass lens with the rubber seal, then reattach the top cover and tighten the screws to secure it



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2. Wiring Connections

- Turn off the power at the main electrical panel.
- Connect the fixture's low-voltage wires to the main power supply using the provided connectors. Use WN12 (Sold Separately) to Waterproof your connection.
- Secure all wire connections and test for continuity before final installation.
- Use waterproof electrical tape or silicone sealant to protect connections from moisture.

3. Fixture Installation

For In-Ground Installation:

- Place the fixture into the prepared hole.
- Insert the fixture into the sleeve, ensuring it is level and secure
- Use gravel and soil for additional stability.

For Concrete/Hard Surface Installation:

- Secure the fixture using mounting brackets or embedded housing.
- Ensure the fixture is flush with the surface for a clean, professional look.



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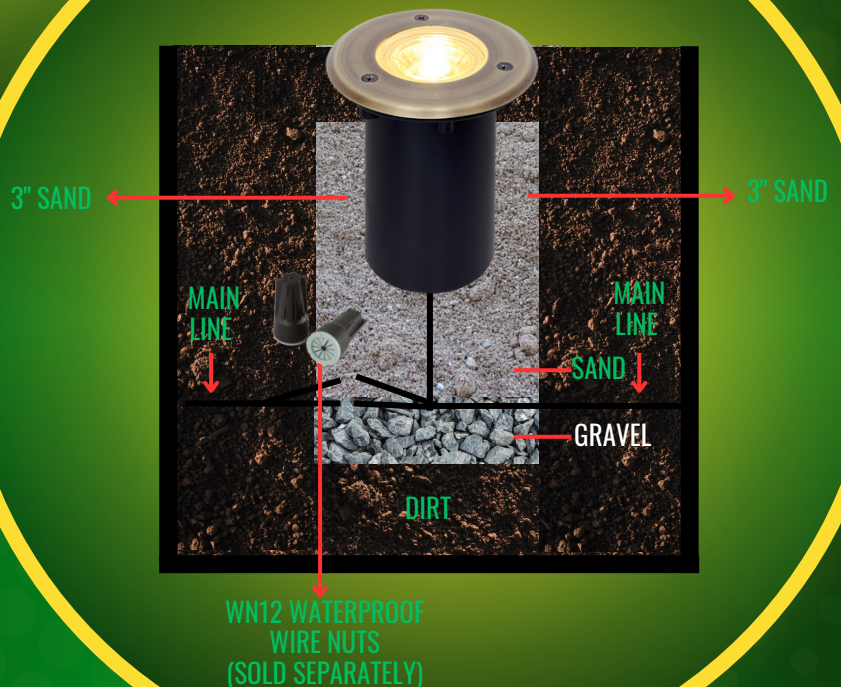
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CONCRETE



Leave a 3-inch clearance around the fixture and place gravel at the bottom to ensure proper drainage. This prevents water from accumulating around the fixture body and helps avoid water ingress, even though the fixture is IP65 rated.

SOIL



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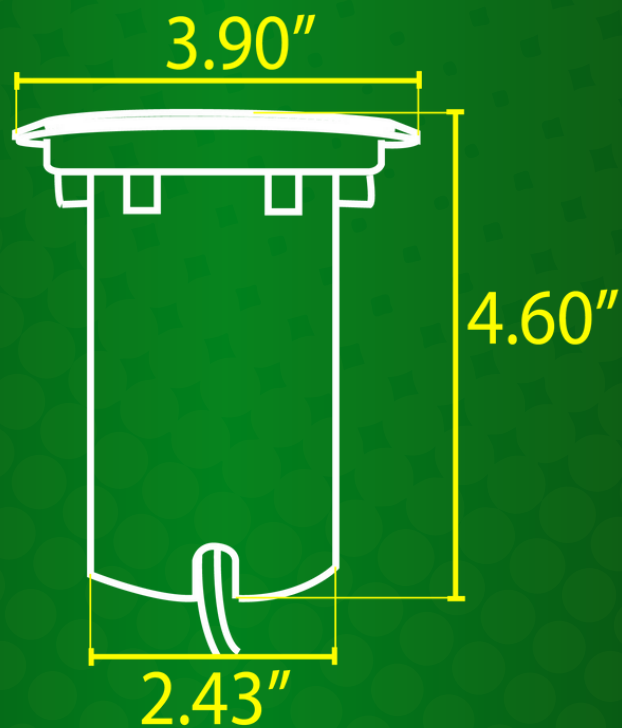
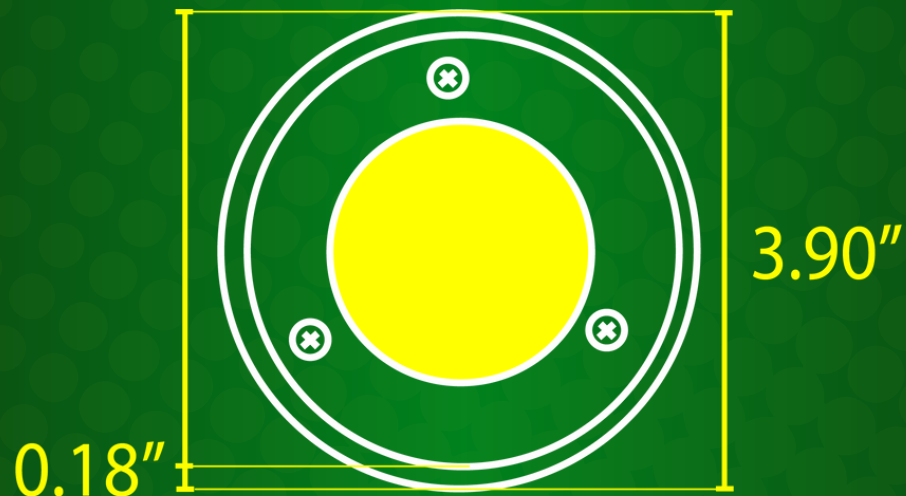


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MAINTENANCE TIPS

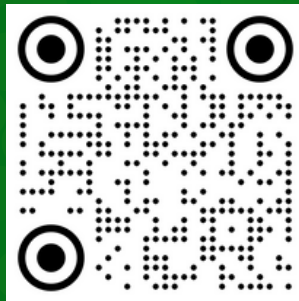
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

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 both the bracket and the lighting fixture.

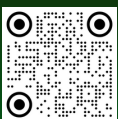
ADDITIONAL RESOURCES

For a detailed video tutorial on how to install, visit our YouTube channel and search for "UNB12"



Please visit our website for more of our products.

www.ABBALightingUSA.com



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