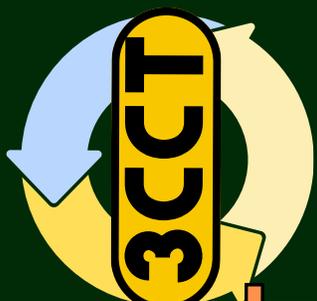
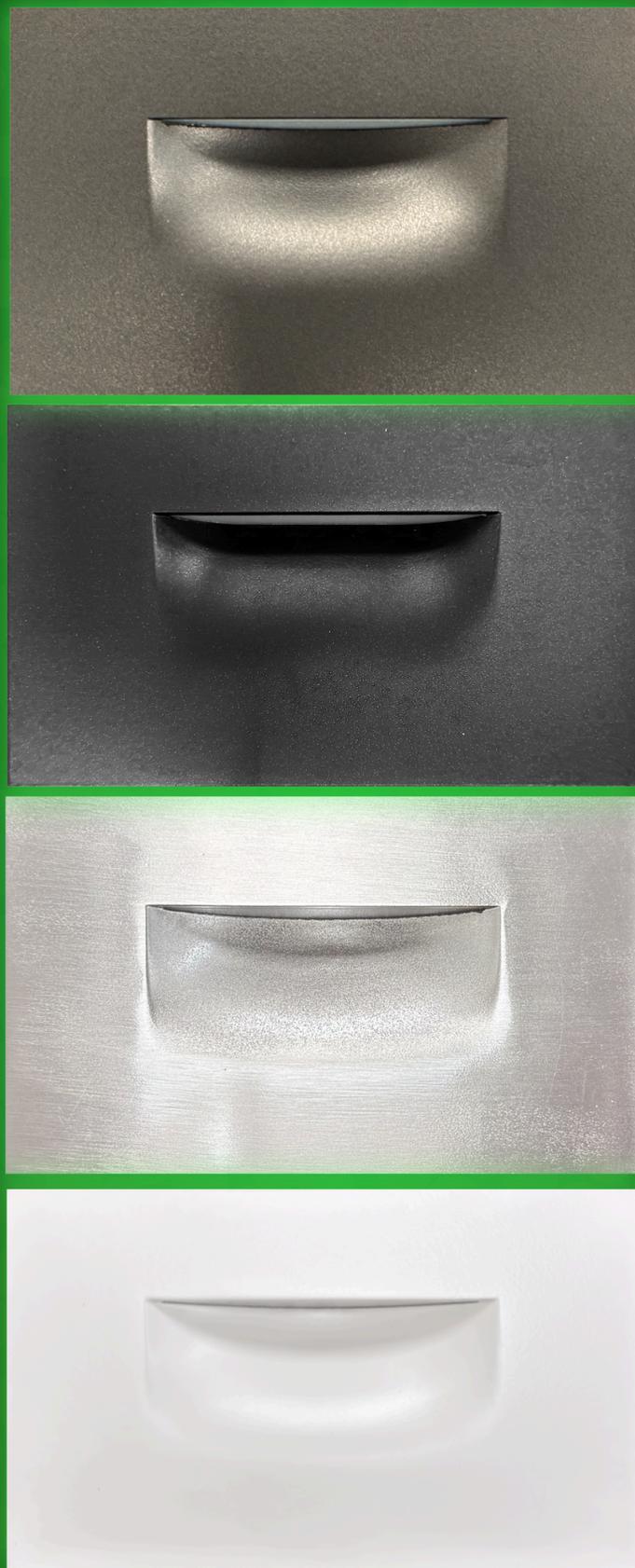


STAO7
STEP LIGHT



3 CCT



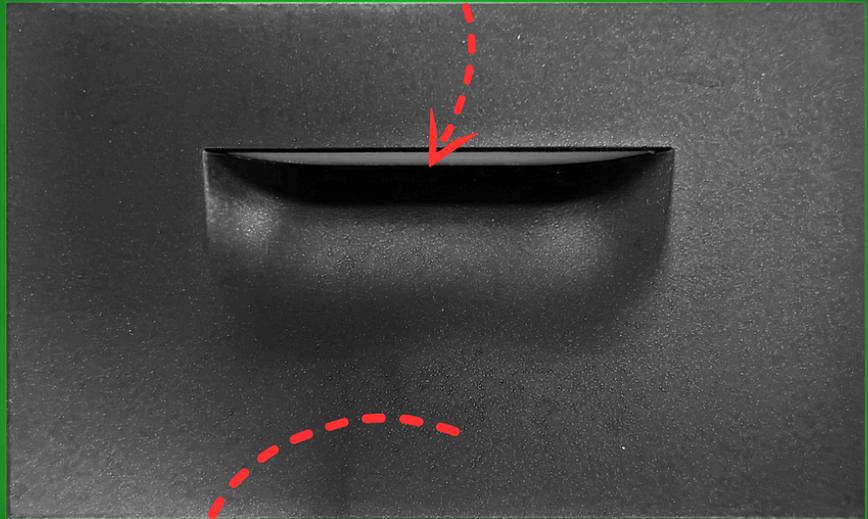
INSTALLATION GUIDE

ABBA LIGHTING USA

STAO7 STEP LIGHT

3000

3.5W AC/DC
12V



HEAVY DUTY
CAST ALUMINUM

LUMENS:
315

WATERPROOF
RATING:
IP65

FINISH:



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!



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

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.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

CAUTION:

FIXTURE(S) MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.

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

PRODUCT OVERVIEW

Integrated LED • Adjustable 3-CCT Technology • Durable Aluminum Construction • 12V Low Voltage • IP65 Outdoor Rated

The **STA07 3-CCT Aluminum Step Light** from Abba Lighting USA is a modern, high-performance outdoor fixture designed to bring both safety and elegance to steps, decks, and walkways. Built with precision from premium aluminum, this step light combines a sleek architectural design with advanced lighting technology, ensuring reliable illumination that enhances both residential and commercial outdoor environments.

What makes the STA07 unique is its integrated 3-CCT selectable LED system, giving you the ability to choose between Warm White (3000K), Neutral White (4000K), or Cool White (5000K) depending on your project's needs. Whether you prefer a cozy, welcoming glow for a patio or a crisp, modern look for a commercial walkway, this step light provides the flexibility to achieve the perfect ambiance.

3-CCT Selectable Lighting

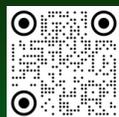
Switch between three color temperatures (3000K, 4000K, 5000K) to achieve the desired mood or to match surrounding fixtures.

Premium Aluminum Housing

Lightweight yet durable, engineered for long-lasting outdoor use with excellent resistance to rust and corrosion.

Integrated LED Technology

Energy-efficient, low-wattage illumination with a long lifespan, reducing maintenance and replacement costs.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

CAUTION:

FIXTURE(S) MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.

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

Low-Voltage 12V AC/DC Operation

Safe and efficient, fully compatible with standard low-voltage landscape lighting systems.

IP65 Outdoor Rated

Fully sealed against dust and water spray, ensuring reliable performance in all weather conditions.

Sleek and Minimalist Design

Blends seamlessly with modern architecture, stone, wood, or concrete finishes for a clean look.

Easy Installation

Designed for surface mounting on steps, deck risers, retaining walls, or architectural features.

Ideal Applications

- Residential step and stair illumination for safety and visibility.
- Deck and patio lighting, enhancing nighttime ambiance.
- Walkways and pathways to improve navigation and highlight outdoor design.
- Commercial installations such as hotels, resorts, restaurants, and public spaces requiring both style and function.
- Architectural features where low-profile accent lighting adds depth and sophistication.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

CAUTION:

FIXTURE(S) MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.

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

ENERGY EFFICIENCY & LONG-TERM VALUE

- **LED-Optimized Design:** This fixture is built for LED technology, consuming significantly less energy while delivering brilliant, long-lasting performance.
- **Weather-Resistant Build:** Designed to withstand rain, snow, and humidity, ensuring uninterrupted performance throughout the seasons.
- **Minimal Maintenance:** The solid brass body resists corrosion, requiring little upkeep while maintaining its timeless beauty.

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.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

CAUTION:

FIXTURE(S) MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.

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

SAFETY PRECAUTIONS

- **Electrical Safety:** Always disconnect the power source before installation to prevent electrical shock.
- **Waterproofing:** Ensure all wire connections are sealed to protect against moisture.
- **Code Compliance:** Adhere to local electrical codes and regulations during installation.

TOOLS AND MATERIALS NEEDED

TOOLS:

- Drill with appropriate bits
- Screwdriver
- Wire stripper
- Measuring tape
- Pencil or marker

MATERIALS:

- STA07 Light fixture
- Low-voltage transformer (SOLD SEPARATELY)
- Low-voltage direct burial wire (SOLD SEPARATELY)
- Waterproof wire nuts (recommended: WN12) (SOLD SEPARATELY)



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STA07

STEP-BY-STEP INSTALLATION INSTRUCTIONS

Power Off

Before handling any electrical components, ensure the power is turned off at the breaker or disconnect switch for your safety.

Fixture Placement

- Hold the fixture against the mounting surface (wall, step, or riser) at your desired height and orientation.
- Use a level to confirm it is straight (horizontal or vertical, depending on style).
- Mark the locations using a pencil or marker through the fixture's metal plate.
- Select an appropriately sized drill bit for the pilot holes, which should match the diameter of the screws you are using. It is recommended to use a bit slightly smaller than the screws to provide a secure grip.
- Position the drill bit on each marked spot and gently drill pilot holes into the wall at the marked locations. Take care not to drill too deep, ensuring the depth matches the length of the screws.
- To create the necessary hole for the back of fixture, Use a pencil or marker, carefully mark the hole on the wall use a drill bit or hole saw that matches the size of the provided metal plate. For concrete installation, utilize an outlet/junction box (not included) suitable for the purpose. Gently punch the hole on the deck or use the appropriate outlet/junction box (not included) for concrete surfaces. Exercise caution to maintain a clean and neat hole.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STA07

- For concrete installation, To begin, construct conduit raceways inside the concrete formwork by using one-inch dowels and PVC pipe before pouring the concrete. After the concrete has cured, remove the dowels and proceed to finish the outer surface of each riser if you are installing it in stairs.
- Place the metal plate against the wall, aligning the screw holes with the pilot holes you created.
- Take the screws and insert them through the holes in the metal plate, one at a time. For deck installation, position the metal plate carefully within the hole.
- If installing in concrete, secure the Step Light using the outlet/junction box (not included) you repaired earlier.
- Using a screwdriver, tighten the screws gradually and evenly, ensuring a secure attachment of the metal plate to the wall. Be cautious not to overtighten and damage the wall surface.
- Confirm that the metal plate is firmly and evenly attached to the wall, without any wobbling or misalignment
- Use a level to verify that the metal plate is horizontally or vertically aligned, as desired.
- We recommend using WN12 waterproof wire nuts (sold separately) for optimal connectivity.
- Strip the insulation: Carefully strip approximately 3/4 inch (1.9 cm) of insulation from the ends of the two wires you wish to connect. Ensure that the bare metal ends are clean and free from any frayed strands.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



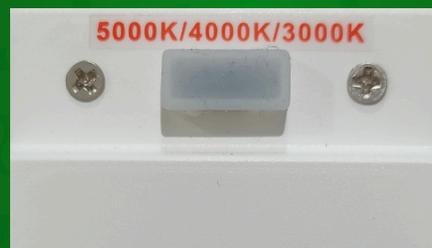
ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STA07

- **Align the wires:** Hold the stripped ends of the two wires together, aligning them neatly and ensuring that no stray strands are crossing over.
- **Insert the aligned ends of the wires into the wire nut, ensuring that they go all the way in. The bare ends should be completely covered by the wire nut. Twist the wire nut:** Firmly twist the wire nut clockwise onto the wires, ensuring a secure connection. Continue twisting until the wire nut is tight and snug. It is recommended to apply electrical tape around the wire nuts and wires as an extra layer of protection.
- **Test the connection:** Gently tug on each wire to ensure they are securely held by the wire nut
- **Remember to test the fixture after making any adjustments to ensure it is functioning correctly and that the lighting is set to your preferences. To adjust the light temperature, simply locate the button positioned at the rear of the fixture and press it accordingly. This will allow you to choose from a range of temperature options, including 3000K, 4000K, and 5000K. .**



- **To securely mount the fixture, carefully align the clips on the fixture with the corresponding slots on the metal plate. Apply gentle pressure to attach the fixture to the metal plate, ensuring a snug fit**
- **Remember to regularly maintain and clean the fixture(s) to ensure optimal performance and longevity.**



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STA07

Testing & Power-Up

- Restore power by switching the transformer or breaker back on.
- Check if the fixture illuminates properly.
- Observe the lighting angle and coverage. Adjust the fixture if necessary.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960

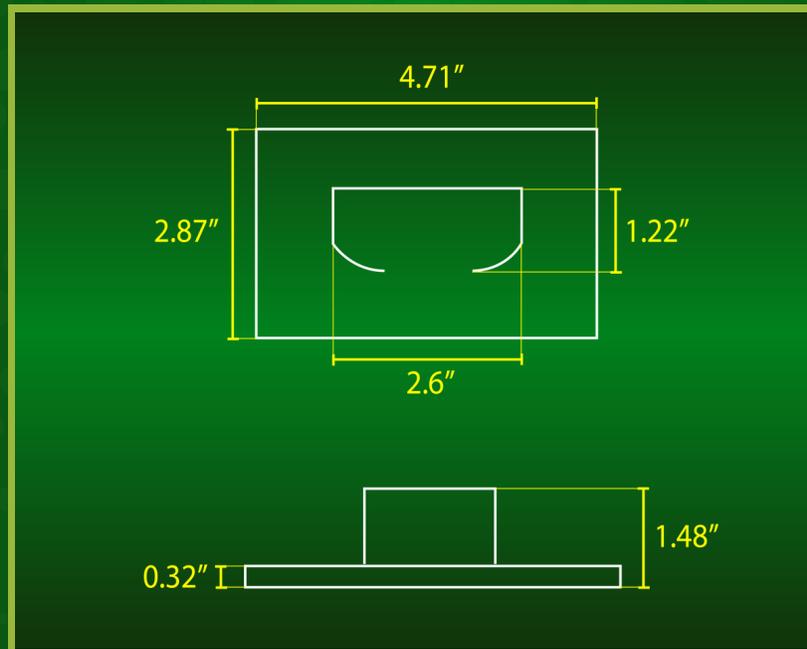


ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STA07



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STA07

MAINTENANCE TIPS

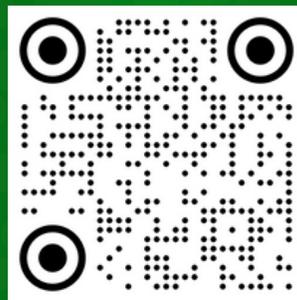
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.
- **Always test the lighting system before backfilling or sealing any connections.**

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 "STA07"



Please visit our website for more of our products.

www.ABBALightingUSA.com



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

STA07

STEP LIGHT

