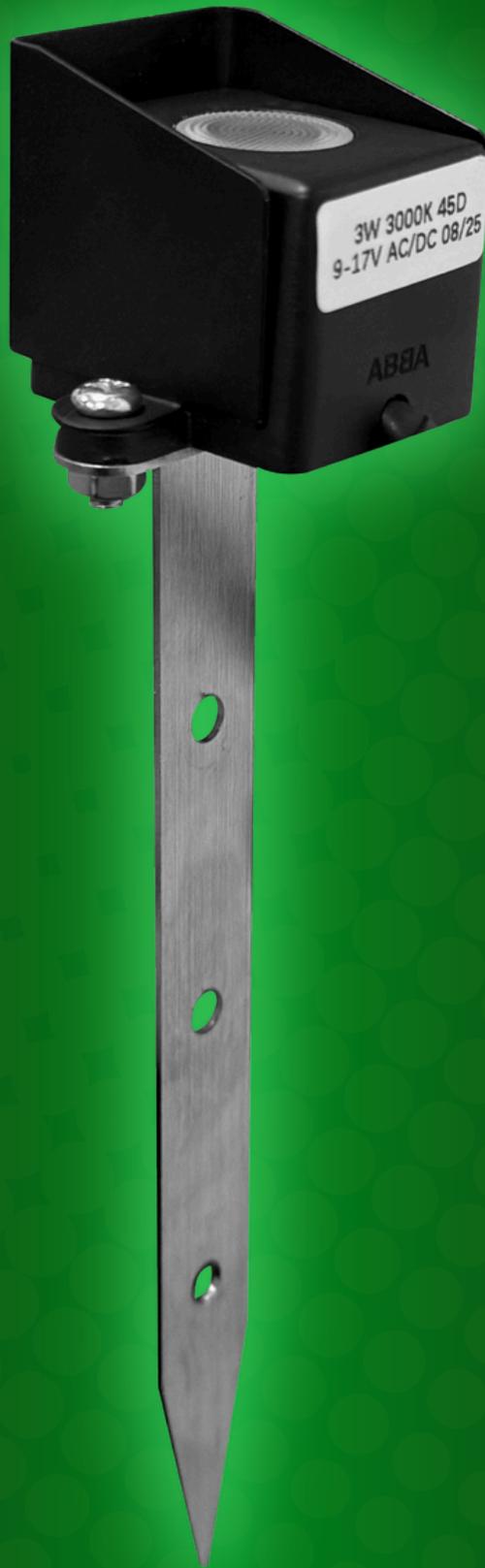


STB22 STEP LIGHT



INSTALLATION GUIDE

ABBA LIGHTING USA

STB22

STEP LIGHT

CERTIFICATE:



MATERIAL:

HEAVY DUTY
STAINLESS
STEEL

WATERPROOF
RATING:



INTEGRATED
3W AC/DC 12V



3000K



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

STB22 Step Light – Sleek and Durable Outdoor Accent Lighting

The STB22 Step Light from Abba Lighting USA is a streamlined lighting fixture engineered to provide subtle, effective illumination for stairs, deck edges, walkways, and outdoor transitions. Designed with a low-profile form and constructed from durable materials, this step light delivers consistent performance while blending seamlessly with architectural and landscape elements.

This fixture is ideal for enhancing safety and visual appeal along steps and horizontal surfaces, offering soft accent lighting that improves nighttime visibility without overpowering the space. Its compact design allows for discreet installation within stairs, walls, or decking, making it a versatile solution for both residential and commercial exterior environments.

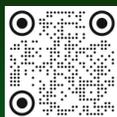
Whether illuminating stair risers, accenting outdoor thresholds, or defining edges along decks and patios, the STB19 brings both practical lighting and refined aesthetic appeal to exterior projects.

Integrated LED Illumination

Provides stable, energy-efficient light output with long life and no need for separate bulbs.



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

12V Low-Voltage Operation

Designed to work with standard low-voltage landscape lighting systems for safe and efficient performance.

Outdoor-Rated Durability

Built to withstand rain, temperature changes, and year-round exterior conditions.

Surface Mount Design

The low-profile installation integrates neatly into steps, deck edges, and patio surfaces for a cohesive architectural look.

Functional & Decorative Lighting

Ideal for improving safety on walkways and steps while delivering a gentle accent glow that complements outdoor design.

Solid Brass Construction

Durable brass body resists corrosion and ages gracefully, providing enduring outdoor performance and a premium look.



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

Specification	Details
Model	STB22
Body / Material	Heavy Duty Stainless Steel
Light Source	3W Integrated LED
Operating Voltage	12V Low Voltage
Weather Rating	Outdoor-rated
Recommended Use	Steps, walkways, decks, patios



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

Ideal Applications

- Stair riser illumination for improved safety
- Accent lighting for deck and patio perimeters
- Pathway highlighting in landscape settings
- Soft, low-level lighting around garden edges
- Transitional lighting between outdoor zones

Why Choose the STB22 Step Light?

The STB22 Step Light brings together durability, ease of installation, and refined lighting performance to enhance outdoor spaces with subtle accent illumination. Its integrated LED design and flush mount profile make it ideal for illuminating steps, transitions, and landscape edges with balanced light that improves visibility and complements any architectural style.



3000K



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

CAUTION:

INSTALLATION GUIDE FOR STB22

STEP-BY-STEP INSTALLATION INSTRUCTIONS

To ensure optimal performance and maximum safety, use this fixture **ONLY** with a low-voltage landscape transformer.

The transformer reduces standard household voltage from 120V to 12V, making it safe and suitable for outdoor applications.

1. Position the Fixture.

- Hold the Fixture against the wall at the desired height and orientation.
- Use a level to ensure the plate is properly aligned (horizontal or vertical as desired).

2. Mark the Drill Points

- With a pencil or marker, mark the screw hole locations through the holes in the mounting plate.

3. Drill Pilot Holes

- Select a drill bit slightly smaller than the mounting screws.
- Drill pilot holes at each marked location.
- Do not drill deeper than the length of the screws.

Concrete Installation:

If installing into concrete or stairs, create conduit raceways inside the formwork using 1-inch dowels and PVC pipe before pouring concrete.

After the concrete cures, remove the dowels and finish the surface of each riser as required.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

CAUTION:

INSTALLATION GUIDE FOR STB22

STEP-BY-STEP INSTALLATION INSTRUCTIONS

4. Prepare the Electrical Connections

We recommend using WN12 Waterproof Wire Nuts (sold separately) for optimal performance and protection.

a. Strip the Wires

- Strip approximately $\frac{3}{4}$ inch (1.9 cm) of insulation from each wire end.
- Ensure the exposed conductors are clean and free of frayed strands.

b. Align the Wires

- Hold the stripped ends together neatly, with no stray strands crossing.

c. Install the Wire Nut

- Insert the aligned wires fully into the wire nut.
- Twist the wire nut clockwise until snug and secure.
- For additional protection, wrap the connection with electrical tape.

d. Test the Connection

- Gently tug each wire to verify a secure connection.

5. Mount the Fixture

- Align the metal mounting plate with the pilot holes.
- Insert the screws through the mounting plate.
- Tighten evenly using a screwdriver.
- Do not overtighten.
- Confirm the plate is firm, level, and free from wobble.

Deck Installation:

Carefully position the mounting plate within the deck opening before securing.

6. Final Assembly

- Place the top cover of the fixture in position.
- Secure it by tightening the side screws firmly.

7. Power & Testing

- Restore power at the transformer or breaker.
- Turn the system on and verify proper operation.
- Adjust the fixture orientation as desired and re-test.



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



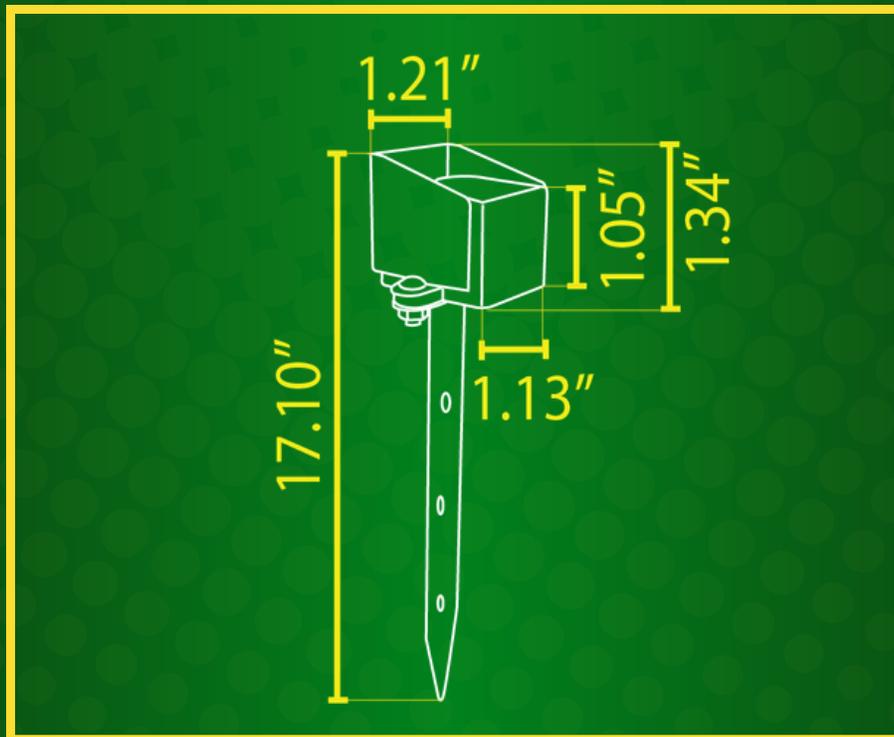
7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STB22



MAIN LINE

Attach the wires from the fixture(s) to the main cable, For best results, we recommend using WN12 waterproof wire nuts (which are sold separately)



YOUTUBE VIDEO
INSTALLATION GUIDE



WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

INSTALLATION GUIDE FOR STB22

MAINTENANCE TIPS

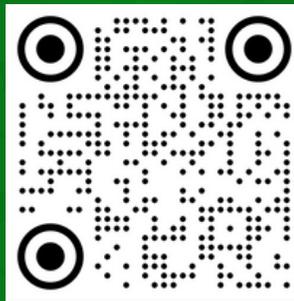
- **Regular Inspection:** Periodically check the fixture to ensure they are still securely mounted and functioning correctly.

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 "STB22"



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

STB22

STEP LIGHT

