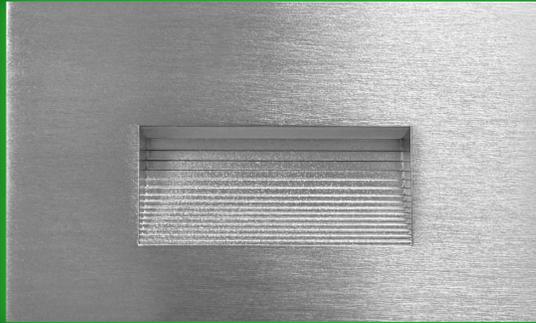


# STAO8

STEP LIGHT



## INSTALLATION GUIDE

ABBA LIGHTING USA

# STAO8

STEP LIGHT

**FEATURE:**



3 CCT

**MATERIAL:**

**HEAVY  
DUTY  
CAST  
ALUMINUM**

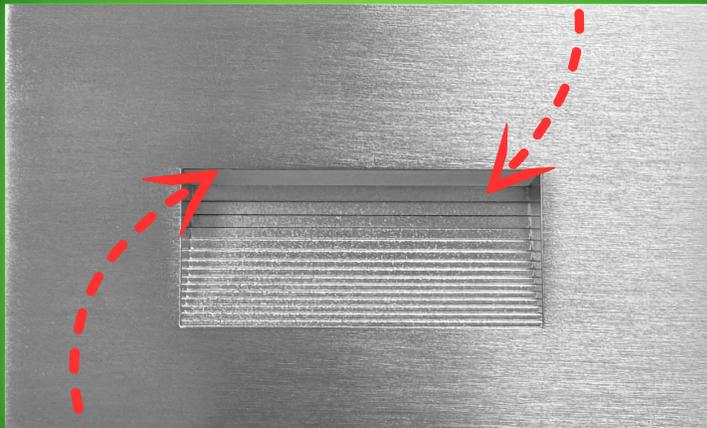
**WATERPROOF  
RATING:**



IP65



**3.5W  
AC/DC 12V**



**315 LUMENS**

**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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# 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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# 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**

## **STA08 3CCT Aluminum Step Light – Customizable, Durable Step Illumination**

The STA08 3CCT Aluminum Step Light from Abba Lighting USA is a rugged and stylish lighting fixture designed to enhance stair risers, deck edges, and transitional outdoor surfaces with smooth, dependable illumination. Featuring an integrated LED light and a selectable color temperature system, this step light provides both functional safety lighting and customizable visual ambiance to complement contemporary exterior spaces.

Constructed with a robust aluminum housing, the STA08 delivers long-lasting performance and resistance to weather exposure. Its recessed installation profile allows the fixture to blend quietly into surrounding architecture, creating a clean and refined look that enhances both residential and commercial landscapes. With three selectable color temperatures, you can tailor the lighting tone to match your design goals or existing lighting schemes.

Whether illuminating walkways, enhancing deck transitions, or adding soft accent lighting to stairs, the STA08 combines durability, flexibility, and aesthetic appeal in a compact, professional-grade fixture.

### **Integrated LED Module**

Low-maintenance, energy-efficient lighting with consistent output for years of dependable use.



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## Selectable Color Temperature (3CCT)

Choose from multiple white light tones to achieve the desired atmosphere and visual effect.

## Durable Aluminum Construction

Solid aluminum body resists corrosion and outdoor wear for reliable long-term performance.

## 12V Low-Voltage Compatibility

Designed for safe and efficient operation with common low-voltage landscape lighting systems.

## Flush Recessed Mount Design

Installs nearly flush with steps, deck boards, or wall surfaces for a sleek, unobtrusive appearance.

## Suitable for Outdoor Use

Built to withstand ambient moisture, temperature changes, and other outdoor conditions.



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## Technical Specifications

### STA08

Construction Material Aluminum  
Light Source Integrated LED  
Selectable CCT 3-Color Temperature Options  
Operating Voltage 12V Low Voltage  
Mounting Type Flush recessed installation  
Weather Rating Outdoor-rated  
Recommended Use Steps, deck edges, risers, patios

### Ideal Applications

- Stair risers along outdoor decks or patios
- Vertical accents on walls and architectural surfaces
- Pathway and step safety illumination
- Interior step lighting for transitional spaces
- Commercial exterior accent lighting



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**CAUTION:**

# INSTALLATION GUIDE FOR STA08

## 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. Power Safety

Before installation, confirm that electrical power is completely turned OFF.

### 2. Position the Mounting Plate

Hold the metal mounting plate against the wall or mounting surface at the desired height and orientation.

Use a level to ensure proper horizontal or vertical alignment.

### 3. Mark Mounting Points

Using a pencil or marker, mark the screw hole locations through the holes in the metal plate.

### 4. Drill Pilot Holes

Select a drill bit slightly smaller than the mounting screws.

Drill pilot holes at the marked locations, ensuring the depth matches the length of the screws.

### 5. Prepare the Opening

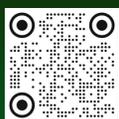
Create an opening at the desired fixture location:

- Concrete Surface: Use a suitable outlet/junction box (not included).
- Deck Installation: Punch or cut an opening using appropriate tools or install an outlet/junction box.

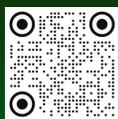
Use a drill bit or hole saw that matches the size of the provided metal plate to produce a clean, accurate opening.



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**CAUTION:**

# INSTALLATION GUIDE FOR STA08

## STEP-BY-STEP INSTALLATION INSTRUCTIONS

### 6. Concrete Conduit Preparation (If Applicable)

For concrete installations, install conduit raceways inside the formwork before pouring the concrete using 1-inch dowels and PVC pipe.

After the concrete cures, remove the dowels and finish the riser surface as needed.

### 7. Secure the Mounting Plate

Align the metal plate with the pilot holes and insert the screws.

Tighten evenly using a screwdriver until the plate is secure. Do not overtighten. Verify that the plate is firm, level, and free of movement.

### 8. Wiring Connections

Strip approximately 3/4 inch (1.9 cm) of insulation from each wire.

Align the bare wire ends and insert them fully into the wire nut.

Twist the wire nut clockwise until tight and secure.

Gently tug each wire to confirm proper connection.

For additional protection, wrap electrical tape around the connection.

We recommend using WN12 waterproof wire nuts (sold separately).

### 9. Install Fixture

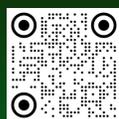
Align the clips on the fixture with the corresponding slots on the mounting plate.

Press gently until the fixture locks into place with a snug fit.

### 10. Restore Power & Test

Turn the power back ON at the breaker.

Test the fixture to confirm proper operation and adjust lighting direction if needed.



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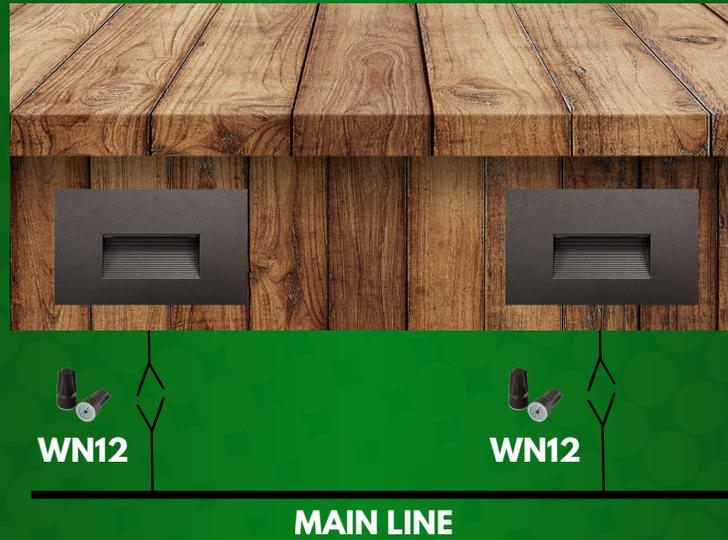


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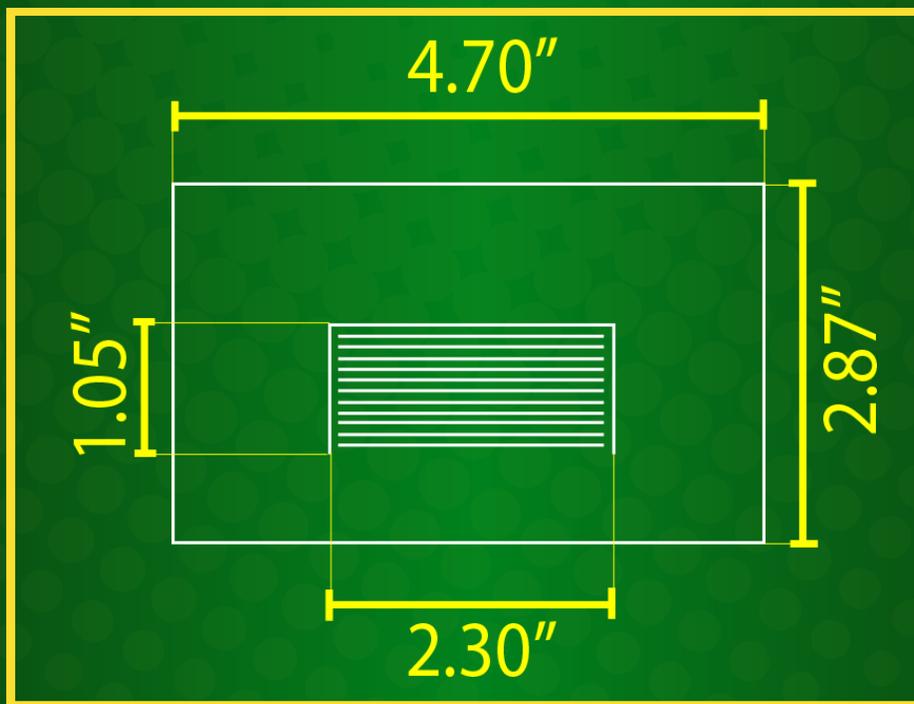


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Attach the wires from the fixture(s) to the main cable, For best results, we recommend using WN12 waterproof wire nuts (which are sold separately)



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# INSTALLATION GUIDE FOR STA08

## MAINTENANCE TIPS

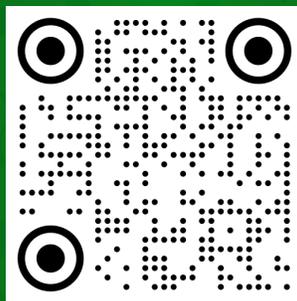
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

## 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 "STA08"



Please visit our website for more of our products.

[www.ABBALightingUSA.com](http://www.ABBALightingUSA.com)



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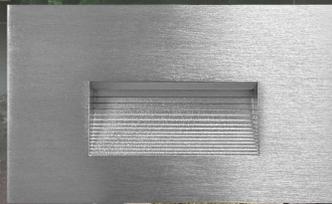
**BLACK**



**WHITE**



**BROWN**



**SILVER**