

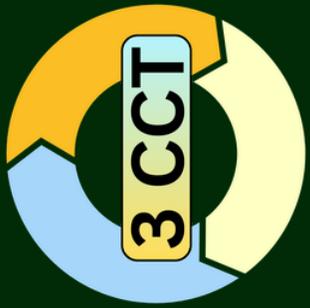
STBCC17

STEP LIGHT



INSTALLATION GUIDE

ABBA LIGHTING USA



FEATURE:

A circular icon with a blue and yellow gradient background. The text "3 CCT" is written in white on a black rectangular background in the center.

MATERIAL:

**HEAVY
DUTY
CAST
BRASS**

**WATERPROOF
RATING:**

A circular icon with a black background. It features a white square with a black border containing a white water drop and the text "IP65" in white.

**ADJUSTABLE 1W - 4W
180 - 360 LM**



**HEAVY DUTY
CAST BRASS**

ABBA LIGHTING USA

STBCC17

STEP LIGHT

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



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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:

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

STBCC17 3CCT Brass Step Light – Customizable Warmth with Timeless Brass Elegance

The STBCC17 3CCT Brass Step Light from Abba Lighting USA is a premium accent lighting solution that blends classic brass material with flexible illumination options. Designed for steps, deck borders, patios, and other exterior surfaces, this fixture delivers polished, low-profile lighting that enhances both safety and aesthetic appeal.

Made from solid brass, the STBCC17 offers enduring outdoor performance and natural corrosion resistance. Its recessed design allows the light to sit flush with the surface, creating a refined look that integrates seamlessly with architectural and landscape elements. What sets this model apart is its three-color temperature selection (3CCT) – letting installers choose the ideal tone of light to match the space and mood, from warmer amber tones to more neutral or cool whites.

Whether accenting stair risers, outlining walkways, or bringing a warm glow to a patio edge, this step light brings versatility, durability, and visible elegance to any outdoor lighting scheme.

Integrated LED with 3CCT Selection

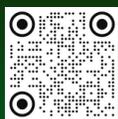
Built-in LED allows you to select from three distinct white light tones – offering design flexibility and coordinated lighting across areas.



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Solid Brass Construction

Durable brass housing naturally resists outdoor wear and corrosion, aging gracefully over time while maintaining structural integrity.

12V Low-Voltage Operation

Compatible with standard low-voltage transformers, ensuring safe and energy-efficient performance.

Flush Recessed Installation

A sleek recessed profile allows the fixture to blend with steps, decking, or patio surfaces while preserving clean architectural lines.

Weather-Resistant Design

Engineered for reliable performance in moist, humid, and variable outdoor conditions for year-round use.

Versatile Outdoor Use

Ideal for stair risers, deck edges, hardscape accents, and pathway edges.



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Technical Specifications

Specification Details

Model: STBCC17

Material: Solid Brass

Light Source: Integrated LED

Selectable Color Temp: 3-Position CCT

Operating Voltage: 1W - 4W 12V Low Voltage

Mounting Style: Flush recessed installation

Weather Rating: Outdoor-rated

Recommended Use Steps, deck edges, patios, walkways

Ideal Applications

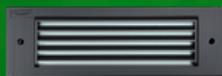
- Stair risers along outdoor decks or patios
- Vertical accents on walls and architectural surfaces
- Pathway and step safety illumination
- Interior step lighting for transitional spaces
- Commercial exterior accent lighting



3000K



4000K



5000K



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HOUSING



BACK



FRONT

To change the wattage of the fixture, locate the arrow indicator on the fixture body. Align the arrow with your desired wattage setting as follows:

- 1 = 1W
- 2 = 2W
- 3 = 3W
- 4 = 4W



To change the CCT of the fixture, locate the arrow sign on the fixture and switch it back and forth from positions 1 to 4 three times. Each time you complete the sequence, the CCT will change to a different setting. Continue switching the arrow sign until you reach the desired CCT.



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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. 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.



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STEP-BY-STEP INSTALLATION INSTRUCTIONS

6. 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.

7. 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).

8. 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.

9. 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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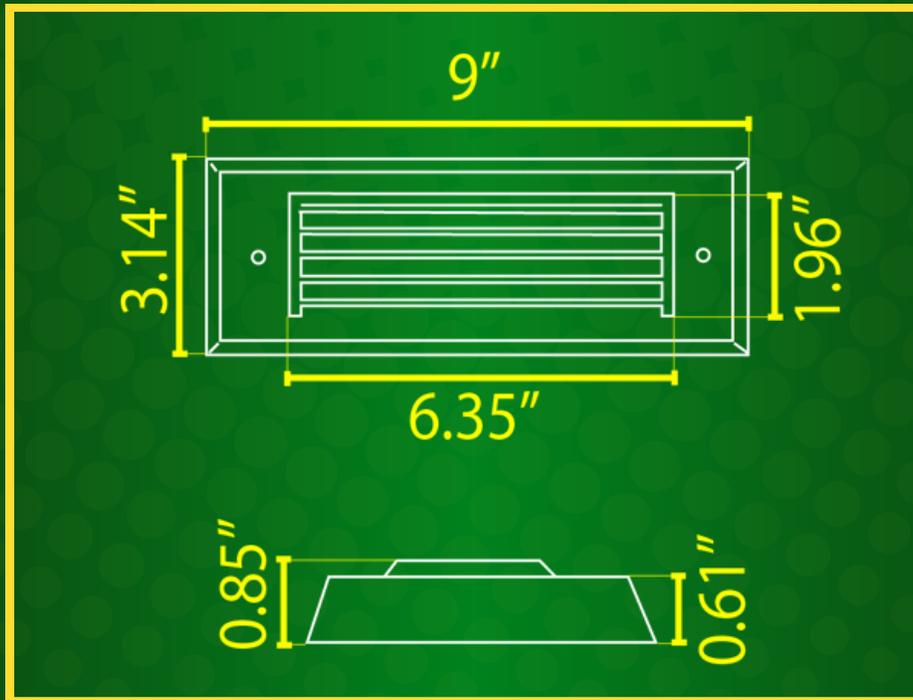
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MAIN LINE

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)



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MAINTENANCE TIPS

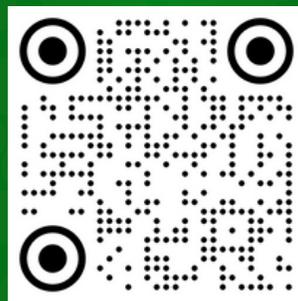
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

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 "STBCC17"



Please visit our website for more of our products.

www.ABBALightingUSA.com



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STBCC17

STEP LIGHT



NATURAL BRASS



DARK BRASS